



# GT CONTACT

**RUGGED WATERPROOF  
CONNECTION TECHNOLOGY**



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# APPLICATION

Automation Machine



Underwater Machine



Solar Energy



Wind Power Energy



Agricultural Machinery



Military Industry



Mining / Oil industry



Train / MRT



Marine Electronic  
Water Activities



E-Bike / Electric Vehicles  
Battery / Automobile (Car)



Wireless Outdoor AP



LED Lighting  
LED Display  
LED Lamp



Medical Equipment



Industry PC / Rugged Notebook



Surveillance System

# Pin & Size Arrangements

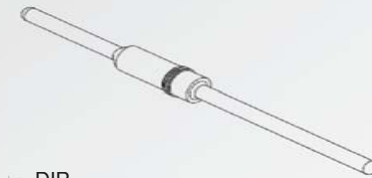
Circular & Hybrid Connector

C1				
Cut Out 	5A		2A	
	2PIN to 3PIN		4PIN to 6PIN	
C2				
Cut Out 	10A	5A	2A	
	2PIN to 4PIN	2PIN to 8PIN	10PIN to 14PIN	
	10A+5A	5A+2P	2PIN+4PIN	
C3				
Cut Out 	20A	10A	5A	2A
	3PIN	2PIN to 6PIN	3PIN to 14PIN	10PIN to 18PIN
	10A+2A	15A+2A	25A+1A	20A+5A
C4				
Cut Out 	30A	10A	5A	2A
	3PIN	5PIN to 6PIN	12PIN to 18PIN	18PIN to 26PIN
C5				
Cut Out 	10A	5A	20A+5A	
	2PIN to 5PIN	31PIN to 35PIN	3PIN+9PIN	

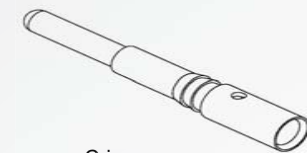
# HOUSING & MATING TYPE

Circular & Hybrid Connector

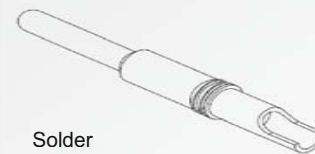
Lock	Screw	Twist Lock
Panel Mount		
Cable end		
Nut Style		
PIN Style		



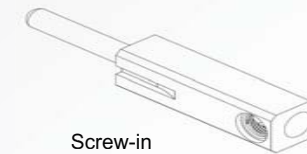
DIP



Crimp



Solder



Screw-in

# WATERPROOF CIRCULAR CONNECTOR

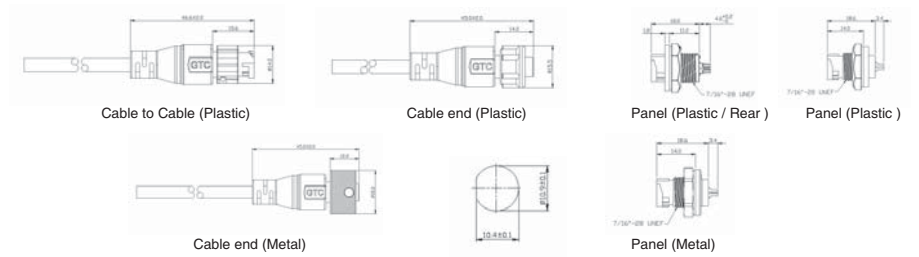


C1 (2A, 5A) Series  
C2 (2A, 5A, 10A) Series  
C3 (2A, 5A, 10A, 20A) Series  
C4 (2A, 5A, 10A, 30A) Series  
C5 (5A, 10A) Series

# GT CONTACT

# CIRCULAR CONNECTOR - C1 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Recommend AWG 22-26 for 2A; 20-24 for 5A  
 Panel Temperature Range -40°C ~ +105°C  
 Cable Temperature Range -40°C ~ +80°C



## Circular C1 Plastic Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Gender	⑨/⑩ Position	⑦ Termination
GT151210-⑦①⑨⑩0	Panel	2A	Male	04-06	0= Solder 1= PCB
GT151211-01⑨⑩0	Panel (Rear)	2A	Male	04-06	Solder
GT151210-⑦②⑨⑩0	Panel	5A	Male	02-03	0= Solder 1= PCB
GT151211-02⑨⑩0	Panel (Rear)	5A	Male	02-03	Solder

\* cap: x=0 without chain, 1=with Metal chain, 2=Rubber chain, 3=Plastic chain.

## Circular C1 Plastic Lock Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Gender	⑨/⑩ Position	⑦ Termination
GT15122⑥-21⑨⑩1-XX	4= Cable End 9= Cable End 90°	2A	Female	04-06	UL2464 26#
GT151254-21⑨⑩1-XX	Cable to Cable	2A	Male	04-06	UL2464 26#
GT15122⑥-22⑨⑩1-XX	4= Cable End 9= Cable End 90°	5A	Female	02-03	UL2464 24#
GT151254-22⑨⑩1-XX	Cable to Cable	5A	Male	02-03	UL2464 24#

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

## Circular C1 Metal Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Gender	⑨/⑩ Position	Termination
GT251210-01⑨⑩0	Panel	2A	Male	04-06	Solder
GT251210-02⑨⑩0	Panel	5A	Male	02-03	Solder

\* cap: x=0 without chain, 1=with Metal chain, 2=Rubber chain, 3=Plastic chain.

## Circular C1 Metal Lock Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Gender	⑨/⑩ Position	Termination
GT25122⑥-21⑨⑩1-XX	4= Cable End 9= Cable End 90°	2A	Female	04-06	UL2464 26#
GT25122⑥-22⑨⑩1-XX	4= Cable End 9= Cable End 90°	5A	Female	02-03	UL2464 24#

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT15122⑥-21⑨⑩1-XX	-	GT1C5121x2
Circular	Lock	IP67	GT15122⑥-21⑨⑩1-XX	-	GT1C5121x2
Circular	Lock	IP67	GT15122⑥-22⑨⑩1-XX	-	GT1C5121x2
Circular	Lock	IP67	GT15122⑥-22⑨⑩1-XX	-	GT1C5121x2

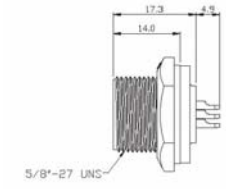
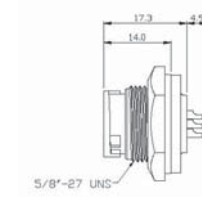
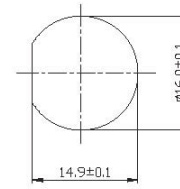
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT151210-⑦①⑨⑩0 GT151211-01⑨⑩0	GT151254-21⑨⑩1-XX	-
Molding	Lock	IP67	-	GT15122⑥-21⑨⑩1-XX	-
Molding	Lock	IP67	GT151210-⑦②⑨⑩0 GT151211-02⑨⑩0	GT151254-22⑨⑩1-XX	-
Molding	Lock	IP67	-	GT15122⑥-22⑨⑩1-XX	-

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP68	-	GT25122⑥-21⑨⑩1-XX	-
Circular	Lock	IP68	-	GT25122⑥-22⑨⑩1-XX	-

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT251210-01⑨⑩0	-	-
Molding	Lock	IP67	GT251210-02⑨⑩0	-	-

# CIRCULAR CONNECTOR - C2 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Temperature Range -40°C ~ +105°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A



## Circular C2 Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩ No.	⑦ Style
GT152210-⑦①⑨⑩⑩	Panel	2A	Male	10-14	0= Solder 1= PCB 3= PCB 90°
GT152200-⑦②⑨⑩⑩	Panel	5A	Female	02-06	0= Solder 1= PCB
GT152210-⑦②⑨⑩⑩	Panel	5A	Male	02-08	0= Solder 1= PCB
GT152210-⑦③⑨⑩⑩	Panel	10A	Male	02-04	0= Solder 1= PCB

## Circular C2 Screw Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩ No.	⑦ Style
GT152310-⑦①⑨⑩⑩	Panel	2A	Male	10-14	0= Solder 1= PCB
GT152300-⑦②⑨⑩⑩	Panel	5A	Female	02-06	0= Solder 1= PCB
GT152310-⑦②⑨⑩⑩	Panel	5A	Male	02-08	0= Solder 1= PCB
GT152300-⑦③⑨⑩⑩	Panel	10A	Female	02-04	0= Solder 1= PCB
GT152310-⑦③⑨⑩⑩	Panel	10A	Male	02-04	0= Solder 1= PCB

## Circular C2 Twist Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩ No.	Style
GT152110-11⑨⑩⑩	Panel	2A	Male	10-14	PCB

\* cap: x=0 without chain, 1=with Metal chain, 2=Rubber chain, 3=Plastic chain.

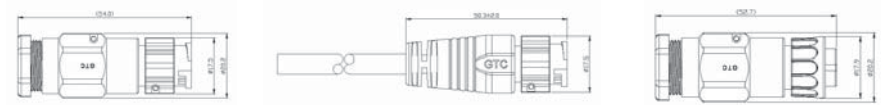
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT152224-21⑨⑩①-XX	-	GT1C5221x2
			GT152264-21⑨⑩⑩	-	-
Circular	Lock	IP67	GT152234-22⑨⑩①-XX	-	GT1C5221x2
			GT152274-22⑨⑩⑩	-	-
Circular	Lock	IP67	GT15222⑥-02⑨⑩①-XX	-	GT1C5221x2
			GT152264-22⑨⑩⑩	-	-
Circular	Lock	IP67	GT152224-23⑨⑩①-XX	-	GT1C5221x2
			GT152264-23⑨⑩⑩	-	-

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT152324-21⑨⑩①-XX	-	GT1C5231x2
			GT15233⑥-02⑨⑩①-XX	-	GT1C5231x2
Circular	Screw	IP67	GT152374-22⑨⑩⑩	-	GT1C5231x2
			GT15232⑥-02⑨⑩①-XX	-	GT1C5231x2
Circular	Screw	IP67	GT152364-22⑨⑩⑩	-	GT1C5231x2
			GT152334-03⑨⑩①-XX	-	GT1C5231x2
Circular	Screw	IP67	GT152324-23⑨⑩①-XX	-	GT1C5231x2
			GT152364-23⑨⑩⑩	-	-

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Twist Lock	IP67	GT152164-21⑨⑩⑩	-	-

# CIRCULAR CONNECTOR - C2 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Cable End Temperature Range -40°C ~ +80°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A



## Circular C2 Lock Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	⑨/⑩ No.	Style
GT152224-21⑨⑩1-XX	Cable End	2A	Female	10-14	UL2464 26#
GT152264-21⑨⑩0	Cable End	2A	Female	10-14	Crimp
GT152254-21⑨⑩1-XX	Cable to Cable	2A	Male	10-14	UL2464 26#
GT152294-21⑨⑩0	Cable to Cable	2A	Male	10-14	Crimp
GT152234-22⑨⑩1-XX	Cable End	5A	Male	02-06	UL2464 24#
GT152274-22⑨⑩0	Cable End	5A	Male	02-06	Crimp
GT152244-02⑨⑩1-XX	Cable to Cable	5A	Female	02-06	UL2464 24#
GT152284-22⑨⑩0	Cable to Cable	5A	Female	02-06	Crimp
GT15222⑥-02⑨⑩1-XX	4= Cable End 5= Cable End 90°	5A	Female	02-08	UL2464 24#
GT152264-22⑨⑩0	Cable End	5A	Female	02-08	Crimp
GT152254-02⑨⑩1-XX	Cable to Cable	5A	Male	02-08	UL2464 24#
GT152294-22⑨⑩0	Cable to Cable	5A	Male	02-08	Crimp
GT152224-23⑨⑩1-XX	Cable End	10A	Female	02-04	UL2464 16#
GT152264-23⑨⑩0	Cable End	10A	Female	02-04	Crimp
GT152254-23⑨⑩1-XX	Cable to Cable	10A	Male	02-04	UL2464 16#
GT152294-23⑨⑩0	Cable to Cable	10A	Male	02-04	Crimp

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT152210-⑦1⑨⑩0	GT152254-21⑨⑩1-XX GT152294-21⑨⑩0	-
Field-Installable	Lock	IP67	GT152210-⑦1⑨⑩0	GT152254-21⑨⑩1-XX GT152294-21⑨⑩0	-
Molding	Lock	IP67	-	GT152224-21⑨⑩1-XX GT152264-21⑨⑩0	-
Field-Installable	Lock	IP67	-	GT152224-21⑨⑩1-XX GT152264-21⑨⑩0	-
Molding	Lock	IP67	GT152200-⑦2⑨⑩0	GT152244-02⑨⑩1-XX GT152284-22⑨⑩0	-
Field-Installable	Lock	IP67	GT152200-⑦2⑨⑩0	GT152244-02⑨⑩1-XX GT152284-22⑨⑩0	-
Molding	Lock	IP67	-	GT152234-22⑨⑩1-XX GT152274-22⑨⑩0	-
Field-Installable	Lock	IP67	-	GT152234-22⑨⑩1-XX GT152274-22⑨⑩0	-
Molding	Lock	IP67	GT152210-⑦2⑨⑩0	GT152254-02⑨⑩1-XX GT152294-22⑨⑩0	-
Field-Installable	Lock	IP67	GT152210-⑦2⑨⑩0	GT152254-02⑨⑩1-XX GT152294-22⑨⑩0	-
Molding	Lock	IP67	-	GT15222x-02⑨⑩1-XX GT152264-22⑨⑩0	-
Field-Installable	Lock	IP67	-	GT15222x-02⑨⑩1-XX GT152264-22⑨⑩0	-
Molding	Lock	IP67	GT152210-⑦3⑨⑩0	GT152254-23⑨⑩1-XX GT152294-23⑨⑩0	-
Field-Installable	Lock	IP67	GT152210-⑦3⑨⑩0	GT152254-23⑨⑩1-XX GT152294-23⑨⑩0	-
Molding	Lock	IP67	-	GT152224-23⑨⑩1-XX GT152264-23⑨⑩0	-
Field-Installable	Lock	IP67	-	GT152224-23⑨⑩1-XX GT152264-23⑨⑩0	-

# CIRCULAR CONNECTOR - C2 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Cable End Temperature Range -40°C ~ +80°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A



## Circular C2 Twist Lock Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT152164-21 9 10 0	Cable End	2A	Female	10-14	Crimp

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Field-Installable	Twist Lock	IP67	GT152110-11 9 10 0	-	-

## Circular C2 Screw Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	⑨ No.	Style
GT152324-21 9 10 1-XX	Cable End	2A	Female	10-14	UL2464 26#
GT152354-21 9 10 1-XX	Cable to Cable	2A	Male	10-14	UL2464 26#
GT152333 6-02 9 10 1-XX	4= Cable End 5= Cable End 90°	5A	Male	02-06	UL2464 24#
GT152374-22 9 10 0	Cable End	5A	Male	02-06	Crimp
GT152344-02 9 10 1-XX	Cable to Cable	5A	Female	02-06	UL2464 24#
GT152326-02 9 10 1-XX	4= Cable End 5= Cable End 90°	5A	Female	02-08	UL2464 24#
GT152364-22 9 10 0	Cable End	5A	Female	02-08	Crimp
GT152354-02 9 10 1-XX	Cable to Cable	5A	Male	02-08	UL2464 24#
GT152334-03 9 10 1-XX	Cable End	10A	Male	02-04	UL2464 16#
GT152324-23 9 10 1-XX	Cable End	10A	Female	02-04	UL2464 16#
GT152364-23 9 10 0	Cable End	10A	Female	02-04	Crimp
GT152354-23 9 10 1-XX	Cable to Cable	10A	Male	02-04	UL2464 16#

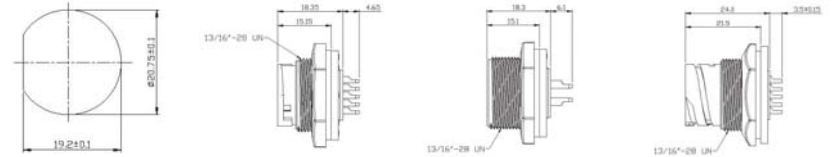
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP67	GT152310-7 1 9 10 0	-	-
Molding	Screw	IP67	-	GT152324-21 9 10 1-XX	-
Molding	Screw	IP67	GT152300-7 2 9 10 0	GT152344-02 9 10 1-XX	-
Field-Installable	Screw	IP67	GT152300-7 2 9 10 0	GT152344-02 9 10 1-XX	-
Molding	Screw	IP67	-	GT152336-02 9 10 1-XX GT152374-22 9 10 0	-
Molding	Screw	IP67	GT152310-7 2 9 10 0	GT152354-02 9 10 1-XX	-
Field-Installable	Screw	IP67	GT152310-7 2 9 10 0	GT152354-02 9 10 1-XX	-
Molding	Screw	IP67	-	GT152326-02 9 10 1-XX GT152364-22 9 10 0	-
Molding	Screw	IP67	GT152300-7 3 9 10 0	-	-
Molding	Screw	IP67	GT152310-7 3 9 10 0	GT152354-23 9 10 1-XX	-
Field-Installable	Screw	IP67	GT152310-7 3 9 10 0	GT152354-23 9 10 1-XX	-
Molding	Screw	IP67	-	GT152324-23 9 10 1-XX GT152364-23 9 10 0	-

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...



# CIRCULAR CONNECTOR - C3 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Temperature Range -40°C ~ +105°C  
 Recommend AWG 22-26 for 2A; 20-24 for 5A; 16-20 for 10A



## Circular C3 Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨/⑩ No.	⑦ Style
GT153210-01⑨⑩⑩	Panel	2A	Male	14-18	Solder
GT153200-⑦2⑨⑩⑩	Panel	5A	Female	08-14	0= Solder 1= PCB
GT153210-⑦2⑨⑩⑩	Panel	5A	Male	08-14	0= Solder 1= PCB
GT153200-⑦3⑨⑩⑩	Panel	10A	Female	02-05	0= Solder 1= PCB
GT153210-⑦3⑨⑩⑩	Panel	10A	Male	02-05	0= Solder 1= PCB
GT153210-04030	Panel	20A	Male	03	Solder

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT153224-01⑨⑩⑩1-XX	-	GT1C5321x2
Circular	Lock	IP67	GT153234-22⑨⑩⑩1-XX GT153274-22⑨⑩⑩	-	GT1C5321x2
Circular	Lock	IP67	GT153224-22⑨⑩⑩1-XX GT153264-22⑨⑩⑩	-	GT1C5321x2
Circular	Lock	IP67	GT153234-23⑨⑩⑩1-XX GT153274-23⑨⑩⑩	-	GT1C5321x2
Circular	Lock	IP67	GT153224-23⑨⑩⑩1-XX GT153264-⑦3⑨⑩⑩	-	GT1C5321x2
Circular	Lock	IP67	GT153224-24031-XX	-	GT1C5321x2

## Circular C3 Screw Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨/⑩ No.	⑦ Style
GT153310-01⑨⑩⑩	Panel	2A	Male	14-18	Solder
GT153300-⑦2⑨⑩⑩	Panel	5A	Female	08-14	0= Solder 1= PCB
GT153310-⑦2⑨⑩⑩	Panel	5A	Male	08-14	0= Solder 1= PCB
GT153310-03⑨⑩⑩	Panel	10A	Male	02-05	Solder

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT153324-21⑨⑩⑩1-XX	-	GT1C5331x2
Circular	Screw	IP67	GT153334-02⑨⑩⑩1-XX	-	GT1C5331x2
Circular	Screw	IP67	GT153324-22⑨⑩⑩1-XX GT153364-22⑨⑩⑩	-	GT1C5331x2
Circular	Screw	IP67	GT153324-23⑨⑩⑩1-XX	-	GT1C5331x2

## Circular C3 Twist Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨/⑩ No.	Style
GT153110-02⑨⑩⑩	Panel	5A	Male	08-14	Solder
GT153110-02⑨⑩⑩(S)	Panel (Spanner Nut)	5A	Male	08-14	Solder
GT153110-12⑨⑩⑩(FS)	Panel (Spanner Nut)	5A	Male	08-14	PCB (Gold Flash)
GT153110-12⑨⑩⑩(F)	Panel	5A	Male	08-14	PCB (Gold Flash)

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Twist Lock	IP67	GT153124-22⑨⑩⑩5-XX(F)	-	-
Circular	Twist Lock	IP67	GT153124-22⑨⑩⑩5-XX(F)	-	-
Circular	Twist Lock	IP67	GT153124-22⑨⑩⑩5-XX(F)	-	-
Circular	Twist Lock	IP67	GT153124-22⑨⑩⑩5-XX(F)	-	-

\* cap: x=0 without chain, 1=with Metal chain, 2=Rubber chain, 3=Plastic chain.

# CIRCULAR CONNECTOR - C3 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Cable End Temperature Range -40°C~ +80°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A



## Circular C3 Lock Cable end

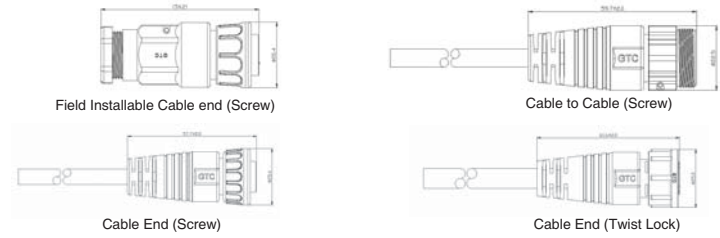
Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩ No.	⑦ Style
GT153224-01 ⑨⑩1-XX	Cable End	2A	Female	14-18	UL2464 26#
GT153234-22 ⑨⑩1-XX	Cable End	5A	Male	08-14	UL2464 24#
GT153274-22 ⑨⑩0	Cable End	5A	Male	08-14	Crimp
GT153224-22 ⑨⑩1-XX	Cable End	5A	Female	08-14	UL2464 24#
GT153264-22 ⑨⑩0	Cable End	5A	Female	08-14	Crimp
GT153254-22 ⑨⑩1-XX	Cable to Cable	5A	Male	08-14	UL2464 24#
GT153294-22 ⑨⑩0	Cable to Cable	5A	Male	08-14	Crimp
GT153234-23 ⑨⑩1-XX	Cable End	10A	Male	02-05	UL2464 16#
GT153274-23 ⑨⑩0	Cable End	10A	Male	02-05	Crimp
GT153244-23 ⑨⑩1-XX	Cable to Cable	10A	Female	02-05	UL2464 16#
GT153284-23 ⑨⑩0	Cable to Cable	10A	Female	02-05	Crimp
GT153224-23 ⑨⑩1-XX	Cable End	10A	Female	02-05	UL2464 16#
GT153264-⑦③⑨⑩0	Cable End	10A	Female	02-05	2=Crimp 4=Screw-in
GT153254-23 ⑨⑩1-XX	Cable to Cable	10A	Male	02-05	UL2464 16#
GT153224-24031-XX	Cable End	20A	Female	03	UL2464 12#

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT153210-01 ⑨⑩0	-	-
Molding	Lock	IP67	GT153200-⑦②⑨⑩0	-	-
Field-Installable	Lock	IP67	GT153200-⑦②⑨⑩0	-	-
Molding	Lock	IP67	GT153210-⑦②⑨⑩0	GT153254-22 ⑨⑩1-XX GT153294-22 ⑨⑩0	-
Field-Installable	Lock	IP67	GT153210-⑦②⑨⑩0	GT153254-22 ⑨⑩1-XX GT153294-22 ⑨⑩0	-
Molding	Lock	IP67	-	GT153224-22 ⑨⑩1-XX GT153264-22 ⑨⑩0	-
Field-Installable	Lock	IP67	-	GT153224-22 ⑨⑩1-XX GT153264-22 ⑨⑩0	-
Molding	Lock	IP67	GT153200-⑦③⑨⑩0	GT153244-23 ⑨⑩1-XX GT153284-23 ⑨⑩0	-
Field-Installable	Lock	IP67	GT153200-⑦③⑨⑩0	GT153244-23 ⑨⑩1-XX GT153284-23 ⑨⑩0	-
Molding	Lock	IP67	-	GT153234-23 ⑨⑩1-XX GT153274-23 ⑨⑩0	-
Field-Installable	Lock	IP67	-	GT153234-23 ⑨⑩1-XX GT153274-23 ⑨⑩0	-
Molding	Lock	IP67	GT153210-⑦③⑨⑩0	GT153254-23 ⑨⑩1-XX	-
Field-Installable	Lock	IP67	GT153210-⑦③⑨⑩0	GT153254-23 ⑨⑩1-XX	-
Molding	Lock	IP67	-	GT153224-23 ⑨⑩1-XX GT153264-⑦③⑨⑩0	-
Molding	Lock	IP67	GT153210-04030	-	-

# CIRCULAR CONNECTOR - C3 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Cable End Temperature Range -40°C ~ +80°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A



## Circular C3 Screw Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩ No.	Style
GT153324-01⑨⑩1-XX	Cable End	2A	Female	14-18	UL2464 26#
GT153334-02⑨⑩1-XX	Cable End	5A	Male	08-14	UL2464 24#
GT153324-22⑨⑩1-XX	Cable End	5A	Female	08-14	UL2464 24#
GT153364-22⑨⑩0	Cable End	5A	Female	08-14	Crimp
GT153324-23⑨⑩1-XX	Cable End	10A	Female	02-05	UL2464 16#
GT153354-23⑨⑩1-XX	Cable to Cable	10A	Male	02-05	UL2464 16#

## Circular C3 Twist Lock

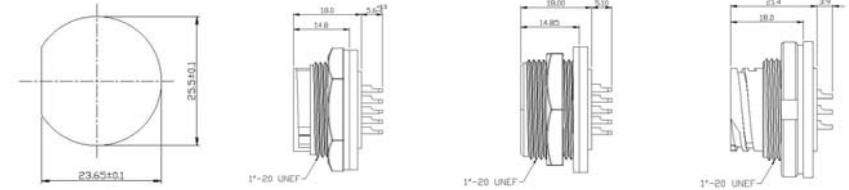
Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩ No.	Style
GT153124-22⑨⑩5-XX(F)	Cable End	5A	Female	08-14	UL2464 24#

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP67	GT153310-01⑨⑩0	-	-
Molding	Screw	IP67	GT153300-72⑨⑩0	-	-
Molding	Screw	IP67	GT153310-72⑨⑩0	-	-
Field-Installable	Screw	IP67	GT153310-72⑨⑩0	-	-
Molding	Screw	IP67	GT153310-03⑨⑩0	GT153354-23⑨⑩1-XX	-
Molding	Screw	IP67	-	GT153324-23⑨⑩1-XX	-

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Twist Lock	IP67	GT153110-02⑨⑩0 GT153110-02⑨⑩0(S) GT153110-12⑨⑩0(FS) GT153110-12⑨⑩0(F)	-	-

# CIRCULAR CONNECTOR - C4 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Temperature Range -40°C ~ +105°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A; 12AWG for 30A



## Circular C4 Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨ No.	⑦ Style
GT154200-⑦A⑨⑩⑩	Panel	1A	Female	31-35	0= Solder 1= PCB
GT15420⑥-⑦1⑨⑩⑩	Panel	2A	Female	18-26	0= Solder 1= PCB
GT15420⑥-⑦2⑨⑩⑩	Panel	5A	Female	12-18	0= Solder 1= PCB
GT15421⑥-⑦2⑨⑩⑩	Panel	5A	Male	12-18	0= Solder 1= PCB
GT154200-⑦3060	Panel	10A	Female	06	0= Solder 1= PCB
GT154200-05030(F)	Panel	30A	Female	03	Solder
GT154210-05030(F)	Panel	30A	Male	03	Solder

## Circular C4 Screw Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨ No.	⑦ Style
GT15430⑥-⑦2⑨⑩⑩	Panel	5A	Female	12-18	0= Solder 1= PCB
GT15431⑥-⑦2⑨⑩⑩	Panel	5A	Male	12-18	0= Solder 1= PCB

## Circular C4 Twist Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT154110-03050(F)	Panel	10A	Male	05	Solder

\* cap: x=0 without chain, 1=with Metal chain, 3=Plastic chain.

⑥ Type	Mating	IP Rating	Mating Part No.		
			Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT154234-2A⑨⑩⑩1-XX	-	GT1C5421x2
0=Circular 2=Square	Lock	IP67	GT154234-21⑨⑩⑩1-XX	-	GT1C5421x2
0=Circular 2=Square	Lock	IP67	GT154234-02⑨⑩⑩1-XX GT154235-02⑨⑩⑩1-XX	-	GT1C5421x2
0=Circular 2=Square	Lock	IP67	GT154224-02⑨⑩⑩1-XX GT154225-02⑨⑩⑩1-XX	-	GT1C5421x2
Circular	Lock	IP67	GT154234-23061-XX	-	GT1C5421x2
Circular	Lock	IP67	GT154234-25031-XX(F)	-	GT1C5421x2
Circular	Lock	IP67	GT154224-25031-XX(F)	-	GT1C5421x2

⑥ Type	Mating	IP Rating	Mating Part No.		
			Panel to Cable	Cable to Cable	Cap
0=Circular 2=Square	Screw	IP67	GT154334-02⑨⑩⑩1-XX GT154335-02⑨⑩⑩1-XX	-	GT1C5431x2
0=Circular 2=Square	Screw	IP67	GT154324-02⑨⑩⑩1-XX GT154325-02⑨⑩⑩1-XX	-	GT1C5431x2

Type	Mating	IP Rating	Mating Part No.		
			Panel to Cable	Cable to Cable	Cap
Circular	Twist Lock	IP67	GT154124-23051-XX(F)	-	GT1C5411x2

# CIRCULAR CONNECTOR - C4 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Temperature Range -40°C ~ +105°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A; 12AWG for 30A



## Circular C4 Lock Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	⑨ ⑩ No.	Style
GT154234-2A⑨⑩1-XX	Cable End	1A	Male	31-35	UL2464 26#
GT154234-21⑨⑩1-XX	Cable End	2A	Male	18-26	UL2464 26#
GT15423⑥-22⑨⑩1-XX	4= Cable End 5= Cable End 90°	5A	Male	12-18	UL2464 24#
GT154244-02⑨⑩1-XX	Cable to Cable	5A	Female	12-18	UL2464 24#
GT15422⑥-02⑨⑩1-XX	4= Cable End 5= Cable End 90°	5A	Female	12-18	UL2464 24#
GT154254-02⑨⑩1-XX	Cable to Cable	5A	Male	12-18	UL2464 24#
GT154234-23061-XX	Cable End	10A	Male	06	UL2464 16#
GT154234-25031-XX(F)	Cable End	30A	Male	03	UL2464 12#
GT154244-25031-XX(F)	Cable to Cable	30A	Female	03	UL2464 12#
GT154224-25031-XX(F)	Cable End	30A	Female	03	UL2464 12#

## Circular C4 Screw Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	⑨ ⑩ No.	Style
GT15433⑥-02⑨⑩1-XX	4= Cable End 5= Cable End 90°	5A	Male	12-18	UL2464 24#
GT154344-02⑨⑩1-XX	Cable to Cable	5A	Female	12-18	UL2464 24#
GT15432⑥-02⑨⑩1-XX	4= Cable End 5= Cable End 90°	5A	Female	12-18	UL2464 24#
GT154354-02⑨⑩1-XX	Cable to Cable	5A	Male	12-18	UL2464 24#

## Circular C4 Twist Lock Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT154124-23051-XX(F)	Cable End	10A	Female	05	UL2464 16#

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Cable end (Molding)

Cable to Cable (Molding)

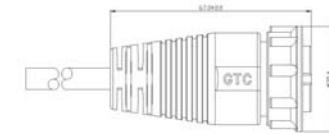
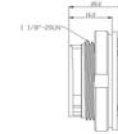
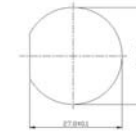
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT154200-⑦A⑨⑩0	-	-
Molding	Lock	IP67	GT15420⑥-⑦1⑨⑩0	-	-
Molding	Lock	IP67	GT15420⑥-⑦2⑨⑩0	GT154244-02⑨⑩1-XX	-
Molding	Lock	IP67	-	GT15423⑥-22⑨⑩1-XX	-
Molding	Lock	IP67	GT15421⑥-⑦2⑨⑩0	GT154254-02⑨⑩1-XX	-
Molding	Lock	IP67	-	GT15422⑥-02⑨⑩1-XX	-
Molding	Lock	IP67	GT154200-⑦3060	-	-
Molding	Lock	IP67	GT154200-05030(F)	GT154244-25031-XX(F)	-
Molding	Lock	IP67	-	GT154234-25031-XX(F)	-
Molding	Lock	IP67	GT154200-05030(F)	-	-

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP67	GT15430⑥-⑦2⑨⑩0	GT154344-02⑨⑩1-XX	-
Molding	Screw	IP67	-	GT15433⑥-02⑨⑩1-XX	-
Molding	Screw	IP67	GT15431⑥-⑦2⑨⑩0	GT154354-02⑨⑩1-XX	-
Molding	Screw	IP67	-	GT15432⑥-02⑨⑩1-XX	-

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Twist Lock	IP67	GT154110-03050(F)	-	-

# CIRCULAR CONNECTOR - C5 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Mount Connector -40°C ~ +105°C  
 Cable Temperature Range -40°C ~ +80°C  
 Recommend AWG 20~24 for 5A; 16~20 for 10A



Panel (Lock)

Cable end (Molding)

## Circular C5 Lock Panel

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨/⑩ No.	⑦ Style
GT155210-⑦③⑨⑩⑩	Panel	10A	Male	02-05	0= Solder 1= PCB
GT155200-02⑨⑩⑩	Panel	5A	Female	31-35	0= Solder 1= PCB

\* cap: x=0 without chain, 1=with Metal chain, 3=Plastic chain

## Circular C5 Lock Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT155224-23⑨⑩⑩1-XX	Cable End	10A	Female	02-05	UL2464 16#
GT155224-23⑨⑩⑩1-XX	Cable End	5A	Male	31-35	UL2464 24#

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT155224-23⑨⑩⑩1-XX	-	GT1C552132
Circular	Lock	IP67	GT155234-22⑨⑩⑩-XX	-	GT1C552132

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT155210-⑦③⑨⑩⑩	-	-
Molding	Lock	IP67	GT155200-02⑨⑩⑩	-	-

# WATERPROOF HYBRID CONNECTOR

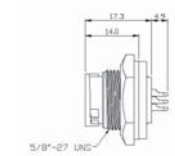


C2 (5A+2A, 10A+5A) Series  
C3(5A+20A, 10A+2A, 15A+2A, 25A+1A) Series  
C4(20A+5A) Series  
C5(20A+5A) Series

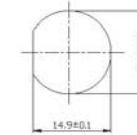
# GT CONTACT

# HYBRID CONNECTOR - C2 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Mount Connector -40°C ~ +105°C  
 Cable Temperature Range -40°C ~ +80°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A



Panel (Lock)



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT152200-08080	Panel	5A+2A	F + F	2+6	Solder
GT152200-06060	Panel	10A+5A	F + F	2+4	Solder

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT152234-08081-XX	Cable End	5A+2A	M + M	2+6	UL2464 24#
GT152274-26060	Cable End	10A+5A	M + M	2+4	Crimp
GT152284-26060	Cable to Cable	10A+5A	F + F	2+4	Crimp

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=6M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT152234-08081-XX	-	GT1C5221x2
Circular	Lock	IP67	GT152274-26060	-	GT1C5221x2

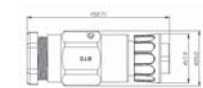
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT152200-08080	-	-
Field-Installable	Lock	IP67	GT152200-06060	GT152284-26060	-
Field-Installable	Lock	IP67	-	GT152274-26060	-



Cable End (Lock)



Field-Installable  
Cable to Cable  
(Lock)

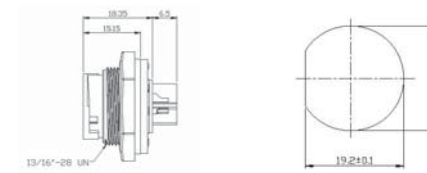


Field-Installable  
Cable End  
(Lock)



# HYBRID CONNECTOR - C3 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Mount Connector -40°C ~ +105°C  
 Cable Temperature Range -40°C ~ +80°C  
 Recommend AWG 22~26 for 2A; 20~24 for 5A; 16~20 for 10A;  
 14 AWG for 15A; 12 AWG for 25A



Panel (Lock)

## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT153210-07080	Panel	5A+20A	M + M	2+6	Solder
GT1D3202-0A320	Panel	10A+2A	F + F	2+3	Solder
GT1D3202-08220	Panel	15A+2A	F + F	2+2	Solder

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

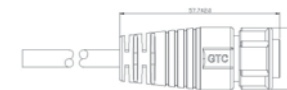
## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1D3223-0A321-XX	Cable End	10A+2A	M + M	2+3	UL2464 20#+26#
GT1D3223-08221-XX	Cable End	15A+2A	M + M	2+2	UL2464 14#+26#
GT1D3232-0A321-XX	Cable to Cable	10A+2A	F + F	2+3	UL2464 20#+26#
GT1D3243-2C235	Cable End	25A+1A	M + M	2+3	Crimp
GT1D3252-2C235	Cable to Cable	25A+1A	F + F	2+3	Crimp
GT153264-27080	Cable End	20A+5A	F + F	2+6	Crimp

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT153264-27080	-	GT1C5321x2
Circular	Lock	IP67	GT1D3223-0A321-XX	-	GT1C5321x2
Circular	Lock	IP67	GT1D3223-08221-XX	-	GT1C5321x2

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Lock	IP67	GT1D3202-0A320	GT1D3232-0A321-XX	-
Molding	Lock	IP67	GT1D3202-08220	-	-
Molding	Lock	IP67	-	GT1D3223-0A321-XX	-
Field-Installable	Lock	IP67	-	GT1D3252-2C235	-
Field-Installable	Lock	IP67	-	GT1D3243-2C235	-
Field-Installable	Lock	IP67	GT153210-07080	-	-



Cable End (Lock)



Cable to Cable (Lock)

# HYBRID CONNECTOR - C4 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring Silicone  
 Panel Mount Connector -40°C ~ +105°C  
 Cable Temperature Range -40°C ~ +80°C  
 Recommend AWG 12 AWG for 25A; 24 AWG for 5A



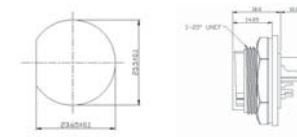
## Hybrid C4 Lock type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1D4200-05260	Panel	20A+5A	F + M	2+6	Solder
GT1D4221-25262-XX	Cable End	20A+5A	M + F	2+6	UL2835 24# + TC-ER 12#
GT1D4230-25262-XX	Cable to Cable	20A+5A	F + M	2+6	UL2835 24# +TC-ER 12#

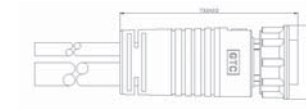
\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

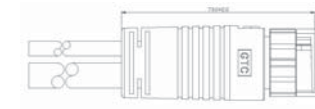
Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT1D4221-25262-XX	-	GT1C5421x2
Molding	Lock	IP67	GT1D4200-05260	GT1D4230-25262-XX	-
Molding	Lock	IP67	-	GT1D4221-25262-XX	-



Panel (Lock)



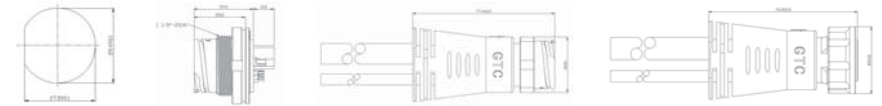
Cable End (Lock)



Cable to Cable (Lock)

# HYBRID CONNECTOR - C5 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring NBR  
 Panel Temperature -40°C ~ +105°C  
 Cable Temperature -40°C ~ +80°C  
 Recommend AWG 12 AWG for 25A; 24 AWG for 5A



Panel (Twist Lock)

Cable to Cable (Twist Lock)

Cable End (Twist Lock)

## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1D5103-05390(FS)	Panel	20A+5A	M + M	3+9	Solder
GT1D5102-05390(FS)	Panel	20A+5A	F + F	3+9	Solder

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Twist Lock	IP67	GT1D5122-25393-XX(F) GT1D5122-25394-XX(F)	-	GT1C5511x2
Circular	Twist Lock	IP67	GT1D5123-25393-XX(F) GT1D5123-25394-XX(F)	-	GT1C5511x2

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1D5123-25393-XX(F)	Cable End	20A+5A	M + M	3+9	UL2835 24# + SJTW 14#
GT1D5123-25394-XX(F)	Cable End	20A+5A	M + M	3+9	UL2835 24# + STOW 12#
GT1D5132-25393-XX(F)	Cable to Cable	20A+5A	F + F	3+9	UL2835 24# + SJTW 14#
GT1D5132-25394-XX(F)	Cable to Cable	20A+5A	F + F	3+9	UL2835 24# + STOW 12#
GT1D5122-25393-XX(F)	Cable End	20A+5A	F + F	3+9	UL2835 24# + SJTW 14#
GT1D5122-25394-XX(F)	Cable End	20A+5A	F + F	3+9	UL2835 24# + STOW 12#
GT1D5133-25393-XX(F)	Cable to Cable	20A+5A	M + M	3+9	UL2835 24# + SJTW 14#
GT1D5133-25394-XX(F)	Cable to Cable	20A+5A	M + M	3+9	UL2835 24# + STOW 12#

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Twist Lock	IP67	GT1D5102-05390(FS)	GT1D5132-25393-XX(F) GT1D5132-25394-XX(F)	-
Molding	Twist Lock	IP67	GT1D5102-05390(FS)	GT1D5132-25393-XX(F) GT1D5132-25394-XX(F)	-
Molding	Twist Lock	IP67	-	GT1D5123-25393-XX(F) GT1D5123-25394-XX(F)	-
Molding	Twist Lock	IP67	-	GT1D5123-25393-XX(F) GT1D5123-25394-XX(F)	-
Molding	Twist Lock	IP67	GT1D5103-05390(FS)	GT1D5133-25393-XX(F) GT1D5133-25394-XX(F)	-
Molding	Twist Lock	IP67	GT1D5103-05390(FS)	GT1D5133-25393-XX(F) GT1D5133-25394-XX(F)	-
Molding	Twist Lock	IP67	-	GT1D5122-25393-XX(F) GT1D5122-25394-XX(F)	-
Molding	Twist Lock	IP67	-	GT1D5122-25393-XX(F) GT1D5122-25394-XX(F)	-

# WATERPROOF SENSOR CONNECTOR

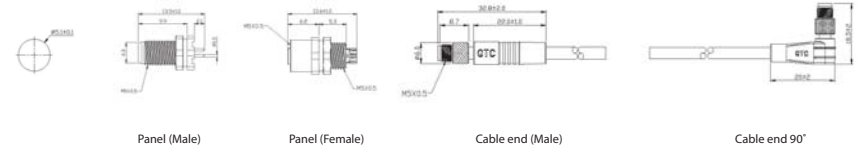


M5 (1A) Series  
M8 (3A) Series  
M12 A-coding (1.5A, 2A, 4A) Series  
M12 B-coding (4A) Series  
M12 D-coding (4A) Series

# GT CONTACT

# SENSOR CONNECTOR - M5 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring NBR  
 Temperature Range -25°C / +85°C  
 Recommend AWG 24 AWG ~ 30AWG for 1A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩No.	Style
GT231103-05⑨⑩0	Panel	1A	Female	03-04	Solder
GT231112-15⑨⑩0	Panel	1A	Male	03-04	PCB
GT231113-05⑨⑩0	Panel	1A	Male	03-04	Solder

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩No.	Style
GT2311A4-05⑨⑩8-XX	Cable End	1A	Female	03-04	26# TPU
GT2311B4-05⑨⑩8-XX	Cable End	1A	Male	03-04	26# TPU
GT2311A4-05⑨⑩8-XX	Cable End 90°	1A	Female	03-04	26# TPU
GT2311B4-05⑨⑩8-XX	Cable End 90°	1A	Male	03-04	26# TPU

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Rear	Screw	IP67	GT2311B4-05⑨⑩8-XX GT2311B5-05⑨⑩8-XX	-	-
Front	Screw	IP67	GT2311A4-05⑨⑩8-XX GT2311A5-05⑨⑩8-XX	-	-
Rear	Screw	IP67	GT2311A4-05⑨⑩8-XX GT2311A5-05⑨⑩8-XX	-	-

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP67	GT231112-15⑨⑩0 GT231113-05⑨⑩0	GT2311B4-05⑨⑩8-XX GT2311B5-05⑨⑩8-XX	-
Molding	Screw	IP67	GT231103-05⑨⑩0	GT2311A4-05⑨⑩8-XX GT2311A5-05⑨⑩8-XX	-
Molding 90°	Screw	IP67	GT231112-15⑨⑩0 GT231113-05⑨⑩0	GT2311B4-05⑨⑩8-XX GT2311B5-05⑨⑩8-XX	-
Molding 90°	Screw	IP67	GT231103-05⑨⑩0	GT2311A4-05⑨⑩8-XX GT2311A5-05⑨⑩8-XX	-

# SENSOR CONNECTOR - M8 A-CODING

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring NBR  
 Temperature Range -25°C / +85°C  
 Recommend AWG 22 AWG ~ 26 AWG for 3A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨⑩No.	⑦Style
GT232103-⑦③⑨⑩⑩	Panel	3A	Female	03-04	0= Solder 1= PCB
GT232112-⑦③⑨⑩⑩	Panel	3A	Male	03-04	0= Solder 1= PCB
GT232113-⑦③⑨⑩⑩	Panel	3A	Male	03-04	0= Solder 1= PCB

## Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	⑨⑩No.	Style
GT23213⑥-03⑨⑩⑩1-XX	4= Cable End 5= Cable End 90°	3A	Male	03-04	UL2464 22#
GT2321B⑥-03⑨⑩⑩1-XX	4= Cable End 5= Cable End 90°	3A	Male	03-04	UL2464 22#
GT23212⑥-23⑨⑩⑩1-XX	4= Cable End 5= Cable End 90°	3A	Female	03-04	UL2464 22#
GT2321A⑥-23⑨⑩⑩1-XX	4= Cable End 5= Cable End 90°	3A	Female	03-04	UL2464 22#

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

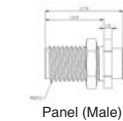
\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Rear	Screw	IP68	GT23213⑥-03⑨⑩⑩1-XX GT2321B⑥-03⑨⑩⑩1-XX	-	GT1C323002
Front	Screw	IP68	GT23212⑥-23⑨⑩⑩1-XX GT2321A⑥-23⑨⑩⑩1-XX	-	GT1C323102
Rear	Screw	IP68	GT23212⑥-23⑨⑩⑩1-XX GT2321A⑥-23⑨⑩⑩1-XX	-	GT1C323102

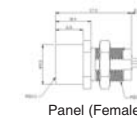
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP68	GT232103-⑦③⑨⑩⑩	GT23212⑥-23⑨⑩⑩1-XX GT2321A⑥-23⑨⑩⑩1-XX	GT1C323102
Molding	Screw	IP68	GT232103-⑦③⑨⑩⑩	GT23212⑥-23⑨⑩⑩1-XX GT2321A⑥-23⑨⑩⑩1-XX	GT1C323102
Molding	Screw	IP68	GT232112-⑦③⑨⑩⑩ GT232113-⑦③⑨⑩⑩	GT23213⑥-03⑨⑩⑩1-XX GT2321B⑥-03⑨⑩⑩1-XX	GT1C323002
Molding	Screw	IP68	GT232112-⑦③⑨⑩⑩ GT232113-⑦③⑨⑩⑩	GT23213⑥-03⑨⑩⑩1-XX GT2321B⑥-03⑨⑩⑩1-XX	GT1C323002



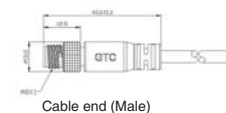
A-coding



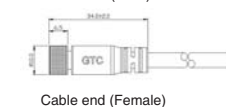
Panel (Male)



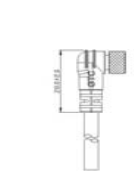
Panel (Female)



Cable end (Male)



Cable end (Female)



Cable end 90°(Female)

# SENSOR CONNECTOR - M8 B-CODING

Plastic Parts PA66  
 Contacts Copper Alloy, Au  
 Gasket & O-ring NBR  
 Temperature Range -25°C / +85°C  
 Recommend AWG 22 AWG ~ 26 AWG for 3A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	⑦ Style
GT232203-⑦3050	Panel	3A	Female	05	0= Solder 1= PCB
GT232212-⑦3050	Panel	3A	Male	05	0= Solder 1= PCB
GT232213-⑦3050	Panel	3A	Male	05	0= Solder 1= PCB

## Cable end

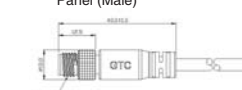
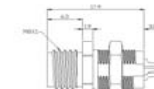
Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	No.	Style
GT23223 ⑥-03051-XX	4= Cable End 5= Cable End 90°	3A	Male	05	UL2464 22#
GT2322B ⑥-03051-XX	4= Cable End 5= Cable End 90°	3A	Male	05	UL2464 22#
GT23222 ⑥-23051-XX	4= Cable End 5= Cable End 90°	3A	Female	05	UL2464 22#
GT2322A ⑥-23051-XX	4= Cable End 5= Cable End 90°	3A	Female	05	UL2464 22#

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Rear	Screw	IP68	GT23223 ⑥-03051-XX GT2322B ⑥-03051-XX	-	GT1C323002
Front	Screw	IP68	GT23222 ⑥-23051-XX GT2322A ⑥-23051-XX	-	GT1C323102
Rear	Screw	IP68	GT23222 ⑥-23051-XX GT2322A ⑥-23051-XX	-	GT1C323102

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP68	GT232203-⑦3050	GT23222 ⑥-23051-XX GT2322A ⑥-23051-XX	GT1C323102
Molding	Screw	IP68	GT232203-⑦3050	GT23222 ⑥-23051-XX GT2322A ⑥-23051-XX	GT1C323102
Molding	Screw	IP68	GT232212-⑦3050 GT232213-⑦3050	GT23223 ⑥-03051-XX GT2322B ⑥-03051-XX	GT1C323002
Molding	Screw	IP68	GT232212-⑦3050 GT232213-⑦3050	GT23223 ⑥-03051-XX GT2322B ⑥-03051-XX	GT1C323002



B-coding

Cable end (Male)

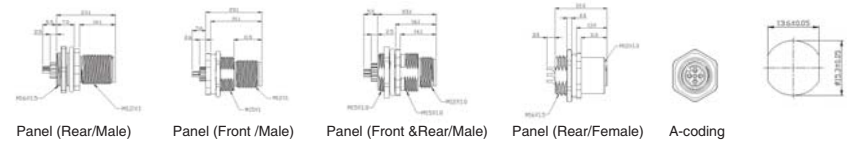
Cable end 90°(Female)

Cable end (Female)

# SENSOR CONNECTOR - M12 A-CODING

Plastic Parts  
Contacts  
Gasket & O-ring  
Temperature Range  
Recommend AWG

PA66  
Copper Alloy, Au  
Silicon  
-25°C / +85°C  
24 AWG ~ 28 AWG for 1.5A;  
22 AWG ~ 28 AWG for 2A; 18 AWG ~ 24 AWG for 4A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨/⑩No.	⑦Style
GT234102-⑦④⑨⑩⑩	Panel	1.5A	Female	09-12	0= Solder 1= PCB
GT234103-04⑨⑩⑩	Panel	1.5A	Female	09-12	Solder
GT23411⑥-⑦④⑨⑩⑩	Panel	1.5A	Male	09-12	0= Solder 1= PCB
GT234113-04⑨⑩⑩	Panel	1.5A	Male	09-12	Solder
GT23410⑥-⑦①⑨⑩⑩	Panel	2A	Female	06-08	0= Solder 1= PCB
GT234103-01⑨⑩⑩	Panel	2A	Female	06-08	Solder
GT23411⑥-⑦①⑨⑩⑩	Panel	2A	Male	06-08	0= Solder 1= PCB
GT234113-01⑨⑩⑩	Panel	2A	Male	06-08	Solder
GT23410⑥-⑦②⑨⑩⑩	Panel	4A	Female	02-05	0= Solder 1= PCB
GT23411⑥-⑦②⑨⑩⑩	Panel	4A	Male	02-05	0= Solder 1= PCB

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain, 6= Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

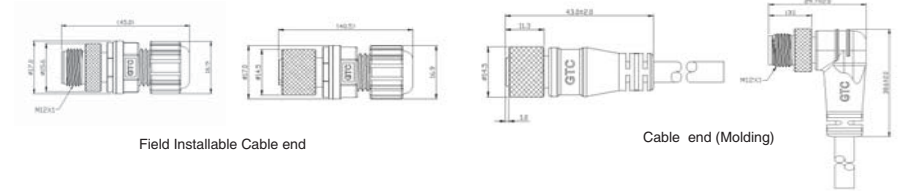
⑥Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Front	Screw	IP68	GT23413⑥-04⑨⑩⑩-XX GT234154-04⑨⑩⑩	-	GT1C3430x2
Rear	Screw	IP68	GT23413⑥-04⑨⑩⑩-XX GT234154-04⑨⑩⑩	-	GT1C3430x2
2= Front 7= Front & Rear	Screw	IP68	GT23412⑥-04⑨⑩⑩-XX GT234144-04⑨⑩⑩	-	GT1C3431x2 GT2C3431x2 GT2C3531x2
Rear	Screw	IP68	GT23412⑥-04⑨⑩⑩-XX GT234144-04⑨⑩⑩	-	GT1C3431x2 GT2C3431x2 GT2C3531x2
2= Front 7= Front & Rear	Screw	IP68	GT23413⑥-21⑨⑩⑩-XX GT234154-01⑨⑩⑩	-	GT1C3430x2
Rear	Screw	IP68	GT23413⑥-21⑨⑩⑩-XX GT234154-01⑨⑩⑩	-	GT1C3430x2
2= Front 7= Front & Rear	Screw	IP68	GT23412⑥-21⑨⑩⑩-XX GT234144-01⑨⑩⑩	-	GT1C3431x2 GT2C3431x2 GT2C3531x2
Rear	Screw	IP68	GT23412⑥-21⑨⑩⑩-XX GT234144-01⑨⑩⑩	-	GT1C3431x2 GT2C3431x2 GT2C3531x2
2= Front 3= Rear	Screw	IP68	GT23413⑥-22⑨⑩⑩-XX GT234154-02⑨⑩⑩	-	GT1C3430x2
2= Front 3= Rear 7= Front & Rear	Screw	IP68	GT23412⑥-22⑨⑩⑩-XX GT234144-02⑨⑩⑩	-	GT1C3431x2 GT2C3431x2 GT2C3531x2



# SENSOR CONNECTOR - M12 A-CODING

Plastic Parts  
Contacts  
Gasket & O-ring  
Temperature Range  
Recommend AWG

PA66  
Copper Alloy, Au  
Silicon  
-25°C / +85°C  
24 AWG ~ 28 AWG for 1.5A;  
22 AWG ~ 28 AWG for 2A; 18 AWG ~ 24 AWG for 4A



## Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	No.	⑨⑩ Style
GT23413⑥-04⑨⑩1-XX	4= Cable End 5= Cable End 90°	1.5A	Male	09-12	UL2464 26#
GT23412⑥-04⑨⑩1-XX	4= Cable End 5= Cable End 90°	1.5A	Female	09-12	UL2464 26#
GT234144-04⑨⑩⑩	Cable End	1.5A	Female	09-12	Crimp
GT234154-04⑨⑩⑩	Cable End	1.5A	Male	09-12	Crimp
GT23413⑥-21⑨⑩1-XX	4= Cable End 5= Cable End 90°	2A	Male	06-08	UL2464 24#
GT234154-01⑨⑩⑩	Cable End	2A	Male	06-08	Crimp
GT23412⑥-21⑨⑩1-XX	4= Cable End 5= Cable End 90°	2A	Female	06-08	UL2464 24#
GT234144-01⑨⑩⑩	Cable End	2A	Female	06-08	Crimp
GT23413⑥-22⑨⑩1-XX	4= Cable End 5= Cable End 90°	4A	Male	02-05	UL2464 22#
GT234154-02⑨⑩⑩	Cable End	4A	Male	02-05	Crimp
GT23412⑥-22⑨⑩1-XX	Cable End	4A	Female	02-05	UL2464 22#
GT234144-02⑨⑩⑩	Cable End	4A	Female	02-05	Crimp

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP68	GT234102-⑦4⑨⑩⑩ GT234103-04⑨⑩⑩	GT23412⑥-04⑨⑩1-XX GT234144-04⑨⑩⑩	-
Molding	Screw	IP68	GT23411⑥-⑦4⑨⑩⑩ GT234113-04⑨⑩⑩	GT23413⑥-04⑨⑩1-XX GT234154-04⑨⑩⑩	GTC3430x2
Field Installable	Screw	IP68	GT23411⑥-⑦4⑨⑩⑩ GT234113-04⑨⑩⑩	GT23413⑥-04⑨⑩1-XX GT234154-04⑨⑩⑩	GT1C3430x2
Field Installable	Screw	IP68	GT234102-⑦4⑨⑩⑩ GT234103-04⑨⑩⑩	GT23412⑥-04⑨⑩1-XX GT234144-04⑨⑩⑩	GT1C3431x2 GT2C3431x2 GT2C3531x2
Molding	Screw	IP68	GT23410⑥-⑦1⑨⑩⑩ GT234103-01⑨⑩⑩	GT23412⑥-21⑨⑩1-XX GT234144-01⑨⑩⑩	GT1C3431x2 GT2C3431x2 GT2C3531x2
Field Installable	Screw	IP68	GT23410⑥-⑦1⑨⑩⑩ GT234103-01⑨⑩⑩	GT23412⑥-21⑨⑩1-XX GT234144-01⑨⑩⑩	GT1C3431x2 GT2C3431x2 GT2C3531x2
Molding	Screw	IP68	GT23411⑥-⑦1⑨⑩⑩ GT234113-01⑨⑩⑩	GT23413⑥-21⑨⑩1-XX GT234154-01⑨⑩⑩	GT1C3430x2
Field Installable	Screw	IP68	GT23411⑥-⑦1⑨⑩⑩ GT234113-01⑨⑩⑩	GT23413⑥-21⑨⑩1-XX GT234154-01⑨⑩⑩	GT1C3430x2
Molding	Screw	IP68	GT23410⑥-⑦2⑨⑩⑩	GT23412⑥-22⑨⑩1-XX GT234144-02⑨⑩⑩	GT1C3431x2 GT2C3431x2 GT2C3531x2
Field Installable	Screw	IP68	GT23410⑥-⑦2⑨⑩⑩	GT23412⑥-22⑨⑩1-XX GT234144-02⑨⑩⑩	GT1C3431x2 GT2C3431x2 GT2C3531x2
Molding	Screw	IP68	GT23411⑥-⑦2⑨⑩⑩	GT23413⑥-22⑨⑩1-XX GT234154-02⑨⑩⑩	GT1C3430x2
Field Installable	Screw	IP68	GT23411⑥-⑦2⑨⑩⑩	GT23413⑥-22⑨⑩1-XX GT234154-02⑨⑩⑩	GT1C3430x2

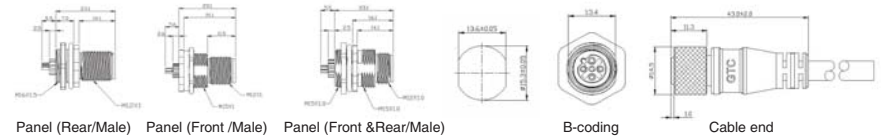
\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain, 6= Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

# SENSOR CONNECTOR - M12 B-CODING

Plastic Parts  
Contacts  
Gasket & O-ring  
Temperature Range  
Recommend AWG

PA66  
Copper Alloy, Au  
Silicon  
-25°C / +85°C  
18 AWG ~ 24 AWG for 4A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT234202-①2040	Panel	4A	Female	05	0= Solder 1= PCB 3= PCB 90°
GT234203-02040	Panel	4A	Female	05	Solder
GT234212-①2040	Panel	4A	Male	05	0= Solder 1= PCB
GT234213-02040	Panel	4A	Male	05	0= Solder 1= PCB

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT234224-22041-XX	Cable End	4A	Female	05	UL2464 22#
GT234234-22041-XX	Cable End	4A	Male	05	UL2464 22#
GT234244-02040	Cable End	4A	Female	05	Crimp
GT234254-02040	Cable End	4A	Male	05	Crimp

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain, 6= Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

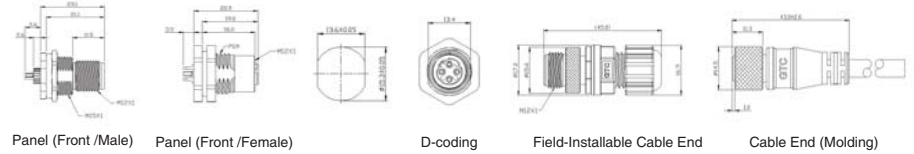
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Front	Screw	IP68	GT234234-22041-XX GT234254-02040	-	GT1C3430x2
Rear	Screw	IP68	GT234234-22041-XX GT234254-02040	-	GT1C3430x2
Front	Screw	IP68	GT234224-22041-XX GT234244-02040	-	GT1C3431x2 GT2C3431x2 GT2C3531x2
Rear	Screw	IP68	GT234224-22041-XX GT234244-02040	-	GT1C3431x2 GT2C3431x2 GT2C3531x2

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP68	GT234212-①2040 GT234213-02040	GT234234-22041-XX GT234254-02040	GT1C3430x2
Molding	Screw	IP68	GT234202-①2040 GT234203-02040	GT234224-22041-XX GT234244-02040	GT1C3431x2 GT2C3431x2 GT2C3531x2
Field Installable	Screw	IP68	GT234212-①2040 GT234213-02040	GT234224-22041-XX GT234244-02040	GT1C3430x2
Field Installable	Screw	IP68	GT234202-①2040 GT234203-02040	GT234224-22041-XX GT234244-02040	GT1C3431x2 GT2C3431x2 GT2C3531x2

# SENSOR CONNECTOR - M12 D-CODING

Plastic Parts  
Contacts  
Gasket & O-ring  
Temperature Range  
Recommend AWG

PA66  
Copper Alloy, Au  
Silicon  
-25°C / +85°C  
18 AWG ~ 24 AWG for 4A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT234402-⑦2040	Panel	4A	Female	04	0= Solder 1= PCB 3= PCB 90°
GT234403-02040	Panel	4A	Female	04	Solder
GT234412-⑦2040	Panel	4A	Male	04	0= Solder 1= PCB
GT234413-02040	Panel	4A	Male	04	Solder

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT234424-22041-XX	Cable End	4A	Female	04	UL2464 22#
GT234434-22041-XX	Cable End	4A	Male	04	UL2464 22#
GT234444-02040	Cable End	4A	Female	04	Crimp
GT234454-02040	Cable End	4A	Male	04	Crimp

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain, 6= Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Front	Screw	IP68	GT234434-22041-XX GT234454-02040	-	GT1C3430x2
Rear	Screw	IP68	GT234434-22041-XX GT234454-02040	-	GT1C3430x2
Front	Screw	IP68	GT234424-22041-XX GT234444-02040	-	GT1C3431x2 GT2C3431x2 GT2C3531x2
Rear	Screw	IP68	GT234424-22041-XX GT234444-02040	-	GT1C3431x2 GT2C3431x2 GT2C3531x2

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP68	GT234412-⑦2040 GT234413-02040	GT234434-22041-XX GT234454-02040	GT1C3430x2
Molding	Screw	IP68	GT234402-⑦2040 GT234403-02040	GT234424-22041-XX GT234444-02040	GT1C3431x2 GT2C3431x2 GT2C3531x2
Field Installable	Screw	IP68	GT234412-⑦2040 GT234413-02040	GT234434-22041-XX GT234454-02040	GT1C3430x2
Field Installable	Screw	IP68	GT234402-⑦2040 GT234403-02040	GT234424-22041-XX GT234444-02040	GT1C3431x2 GT2C3431x2 GT2C3531x2

# WATERPROOF PUSH LOCK CONNECTOR STAINLESS

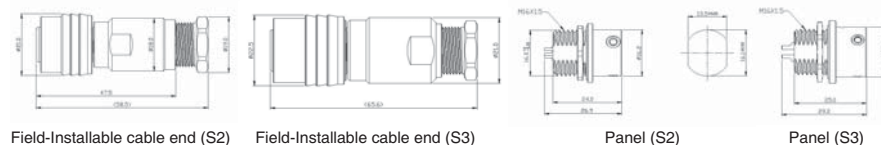


Push Lock Stainless S2 (2A, 4A) Series  
Push Lock Stainless S3 (10A, 2A 12P) Series

# GT CONTACT

# PUSH LOCK CONNECTOR - SUS SERIES

Plastic Parts PA66  
 Metal Parts SUS  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Temperature Range -40°C ~ +80°C  
 Recommend AWG 22 AWG ~ 28 AWG for 2A; 18 AWG ~ 24 AWG for 4A;  
 16 AWG ~ 20 AWG for 10A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨ ⑩ No.	Style
GT2612⑤0-02080	Panel	2A	Female	08	Solder
GT2612⑤0-03⑨⑩0	Panel	2A	Female	12	Solder
GT2613⑤0-02120	Panel	4A	Female	03-05	Solder
GT261300-04040	Panel	10A	Female	04	Solder
GT261301-04040	Panel	10A	Male	04	Solder
GT261201-03⑨⑩0	Panel	4A	Male	03-05	Solder

## Field-Installable Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨ ⑩ No.	Style
GT261211-1208⑩	Cable End	2A	Male	08	Crimp
GT261311-1212⑩	Cable End	2A	Male	12	Crimp
GT261211-1305⑩	Cable End	4A	Male	03-05	Crimp
GT261311-14043	Cable End	10A	Male	04	Crimp
GT261310-14043	Cable End	10A	Female	04	Crimp
GT261210-1391⑩	Cable End	4A	Female	03-05	Crimp

Shell			Mating Part No.		
⑤ Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
0=Circular A=Square	SUS303	IP68	GT261211-12082	-	GT2C622002
0=Circular A=Square	SUS303	IP68	GT261211-13052	-	GT2C622002
Circular	SUS303	IP68	GT261311-12122	-	GT2C622002
Circular	SUS303	IP68	GT261211-04043	-	GT2C632002
Circular	SUS303	IP68	GT261210-04043	-	GT2C632002
Circular	SUS303	IP68	GT261210-13⑨⑩⑪	-	GT2C622002

Shell			Mating Part No.		
① Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
2=Gland ID 5-6mm 6=Sleeves+Cable Clamp ID 5-6mm	SUS303	IP68	GT261200-02080	-	-
2=Gland ID 5-6mm 6=Sleeves+Cable Clamp ID 5-6mm	SUS303	IP68	GT261300-02120	-	-
2=Gland ID 5-6mm 6=Sleeves+Cable Clamp ID 5-6mm	SUS303	IP68	GT2612⑤0-03⑨⑩0	-	-
3=Gland ID 7-8mm	SUS303	IP68	GT261200-04040	-	-
3=Gland ID 7-8mm	SUS303	IP68	GT261201-04040	-	-
2=Gland ID 5-6mm 6=Sleeves+Cable Clamp ID 5-6mm	SUS303	IP68	GT261201-03⑨⑩0	-	-

# WATERPROOF D-SUB CONNECTOR

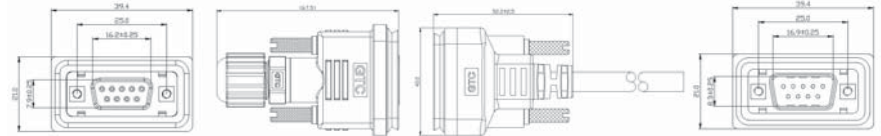


D-Sub Standard 9PIN Series  
D-Sub Hi-Density 15PIN Series

# GT CONTACT

# D-SUB CONNECTOR - STANDARD 9PIN

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 20 AWG ~ 24 AWG  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT141300-⑦2090	Panel	Female	Gold Flash	09	0= Solder 1= PCB
GT141④10-02090	Panel	Male	Gold Flash	09	Solder
GT141360-02090	Panel	Female	15 u"	09	Solder
GT141370-02090	Panel	Male	15 u"	09	Solder

Panel (Female) Field-Installable Cable end Cable end (Molding) Panel (Male)

Type	Shell		Mating Part No.		
	④ Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
-	Screw-in L=5.0&6.0	IP68	GT141330-02091-XX GT141350-02090	-	GT1C4130x2 GT1C4140x2
-	Screw-in 2=L 6.0 3=L 5.0&6.0 4=L 7.0	IP68	GT141320-02091-XX GT141340-02090	-	GT1C4130x2 GT1C4140x2
-	Screw-in L=5.0&6.0	IP68	GT141330-02091-XX GT141350-02090	-	GT1C4130x2 GT1C4140x2
-	Screw-in L=5.0&6.0	IP68	GT141320-02091-XX GT141340-02090	-	GT1C4130x2 GT1C4140x2

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT141330-02091-XX	Cable End	Male	Gold Flash	09	Solder
GT141350-02090	Cable End	Male	Gold Flash	09	Solder
GT141320-02091-XX	Cable End	Female	Gold Flash	09	Solder
GT141340-02090	Cable End	Female	Gold Flash	09	Solder

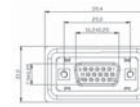
Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw-in	IP67	GT141300-⑦2090 GT141360-02090	-	-
Field-Installable	Screw-in	IP67	GT141300-⑦2090 GT141360-02090	-	-
Molding	Screw-in	IP67	GT141410-02090 GT141370-02090	-	-
Field-Installable	Screw-in	IP67	GT141410-02090 GT141370-02090	-	-

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

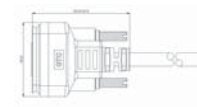
\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

# D-SUB CONNECTOR - HI DENSITY 15PIN

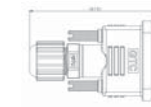
Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 20 AWG ~ 24 AWG  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C



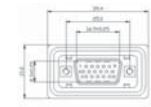
Panel (Female)



Cable end (Molding)



Field-Installable Cable end



Panel (Male)

## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT146300-02150	Panel	Female	Gold Flash	15	Solder
GT146300-02150	Panel	Male	Gold Flash	15	Solder

\* cap: x=0 without chain, 1= with Metal chain, 3= Plastic chain

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT146330-02151-XX	Cable End	Male	Gold Flash	15	Solder
GT146350-02150	Cable End	Male	Gold Flash	15	Solder
GT146320-02151-XX	Cable End	Female	Gold Flash	15	Solder
GT146340-02150	Cable End	Female	Gold Flash	15	Solder

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
-	Screw-in L=5.0&6.0	IP68	GT146330-02151-XX GT146350-02150	-	GT1C4130x2 GT1C4140x2
-	Screw-in L=5.0&6.0	IP68	GT146320-02151-XX GT146340-02150	-	GT1C4130x2 GT1C4140x2

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw-in	IP67	GT146300-02150	-	-
Field-Installable	Screw-in	IP67	GT146300-02150	-	-
Molding	Screw-in	IP67	GT146300-02150	-	-
Field-Installable	Screw-in	IP67	GT146300-02150	-	-



# WATERPROOF USB CONNECTOR



USB-A C4 & C3 Series  
USB-B C4 & C3 Series  
Mini USB C2 Series  
USB 3.0 C3 Series

# GT CONTACT

# USB CONNECTOR - USB-A C4 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 22 AWG ~ 28 AWG for 1.5A  
 Panel Mount Connector -40°C / +105°C  
 Cable end Connector -40°C / +80°C

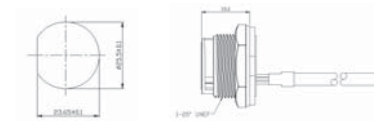


## USB-A C4 Plastic Lock type

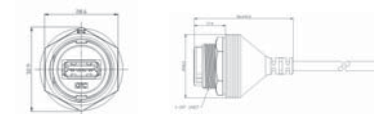
Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT111200-0⑧-XX	Panel	-	Jack	4	3=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT111200-⑦0	Panel	-	Jack	4	1=PCB 3=w/ USB-A Coupler 4=w/ USB-B Coupler 6=w/ USB-A Coupler 90°
GT11122⑥-0⑧-XX	0=Cable End 1=Cable End Left Angle 9=Cable End Right Angle	-	Plug	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT111210-0⑧-XX	Cable to Cable	-	Jack	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

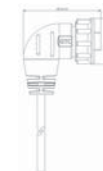
Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT11122⑥-0⑧-XX	-	GT1C1110x2
Circular	Lock	IP67	GT11122⑥-0⑧-XX	-	GT1C1110x2
Molding	Lock	IP67	GT111200-0⑧-XX GT111200-⑦0	GT111210-0⑧-XX	-
Molding	Lock	IP67	-	GT11122⑥-0⑧-XX	-



Panel (Jack)



Cable to Cable (Jack)



Cable End (Plug)

# USB CONNECTOR - USB-A C3 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 22 AWG ~ 28 AWG for 1.5A  
 Panel Mount Connector -40°C / +105°C  
 Cable end Connector -40°C / +80°C

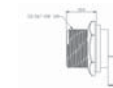
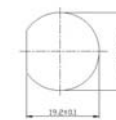


## USB-A C3 Plastic Lock type

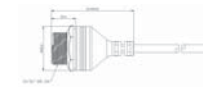
Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	⑦/⑧ Style
GT116300-0⑧-XX	Panel	-	Jack	4	3=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT116300-⑦0	Panel	-	Jack	4	1=PCB 3=w/ USB-A Coupler
GT116320-0⑧-XX	Cable End	-	Plug	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT116350-0⑧-XX	Cable End w/o SR	-	Plug	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT116310-0⑧-XX	Cable to Cable	-	Jack	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT116320-0⑧-XX GT116350-0⑧-XX	-	GT1C5331x2
Circular	Screw	IP67	GT116320-0⑧-XX GT116350-0⑧-XX	-	GT1C5331x2
Molding	Screw	IP67	GT116300-0⑧-XX GT116300-⑦0	GT116310-0⑧-XX	-
Molding	Screw	IP67	GT116300-0⑧-XX GT116300-⑦0	GT116310-0⑧-XX	-
Molding	Screw	IP67	-	GT116320-0⑧-XX GT116350-0⑧-XX	-



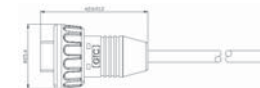
Panel (Jack)



Cable to Cable (Jack)



Cable End (Plug)



Cable End w/o SR (Plug)

# USB CONNECTOR - USB-A C4 METAL SERIES

Plastic Parts PBT  
 Metal Parts Zn Alloy, Ni Plating  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 22 AWG ~ 28 AWG for 1.5A  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C



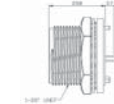
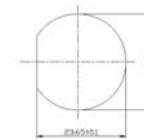
## USB-A C4 Metal Screw type

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	No.	⑦⑧ Style
GT211300-0⑧-XX	Panel	-	Jack	4	3=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT211300-⑦0	Panel	-	Jack	4	1=PCB 3=w/ USB-A Coupler
GT21132⑥-0⑧-XX	0=Cable End 1=Cable End Left Angle 9=Cable End Right Angle	-	Plug	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT211360-00	Cable End	-	Plug	4	Solder

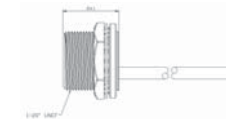
\* cap: x=0 without chain, 6=with Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

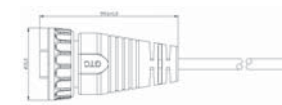
Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP68	GT21132⑥-0⑧-XX GT211360-00	-	GT2C1130x2
Circular	Screw	IP68	GT21132⑥-0⑧-XX GT211360-00	-	GT2C1130x2
Molding	Screw	IP68	GT211300-0⑧-XX GT211300-⑦0	-	-
F.I. Full Metal	Screw	IP68	GT211300-0⑧-XX GT211300-⑦0	-	-



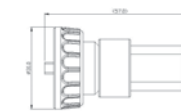
Panel (PCB type / Jack)



Panel (Pigtail / Jack)



Cable End (Molding / Plug)



Field-Installable Cable End (Plug)

# USB CONNECTOR - USB-A C3 METAL SERIES

Plastic Parts PA66  
 Metal Parts Zn Alloy, Ni Plating  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 22 AWG ~ 28 AWG for 1.5A  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C

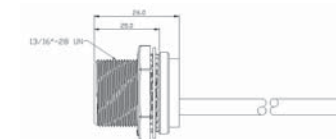
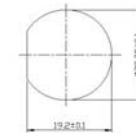


## USB-A C3 Metal Screw type

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	No.	⑦ ⑧ Style
GT216300-0 ③-XX	Panel	-	Jack	4	3=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT216300-⑦0	Panel	-	Jack	4	1=PCB 3=w/ USB-A Coupler
GT21632 ⑥-0 ⑧-XX	0=Cable End 1=Cable End Left Angle 9=Cable End Right Angle	-	Plug	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP68	GT21132 ⑥-0 ③-XX	-	-
Circular	Screw	IP68	GT21132 ⑥-0 ③-XX	-	-
Molding	Screw	IP68	GT211300-0 ⑧-XX GT211300-⑦0	-	-



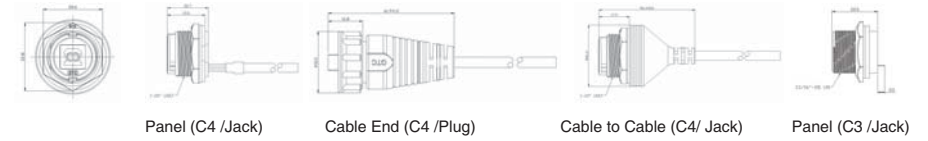
Panel (Pigtail/ Jack)



Cable End (Molding / Plug)

# USB CONNECTOR - USB-B SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 22 AWG ~ 28 AWG for 1.5A  
 Panel Temperature -40°C / +105°C  
 Cable Temperature -40°C / +80°C



## USB-B C4 Plastic Lock type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	⑧ Style
GT112200-0⑧-XX	Panel	-	Jack	4	3=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT112200-⑦0	Panel	-	Jack	4	1=PCB 3=w/ USB-A Coupler 4=w/ USB-B Coupler
GT112220-0⑧-XX	Cable End	-	Plug	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT112210-0⑧-XX	Cable to Cable	-	Jack	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT112220-0⑧-XX	-	GT1C1110x2
Circular	Lock	IP67	GT112220-0⑧-XX	-	GT1C1110x2
Molding	Lock	IP67	GT112200-0⑧-XX GT112200-⑦0	GT112210-0⑧-XX	-
Molding	Lock	IP67	-	GT112220-0⑧-XX	-

## USB-B C3 Plastic Screw type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	⑧ Style
GT117300-0⑧-XX	Panel	-	Jack	4	3=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT117300-10	Panel	-	Jack	4	PCB
GT117320-0⑧-XX	Cable End	-	Plug	4	1=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT117320-0⑧-XX	-	GT1C5331x2
Circular	Screw	IP67	GT117320-0⑧-XX	-	GT1C5331x2
Molding	Screw	IP67	GT117300-0⑧-XX GT117300-10	-	-

# USB CONNECTOR - MINI USB-B SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 22 AWG ~ 28 AWG for 1A  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C



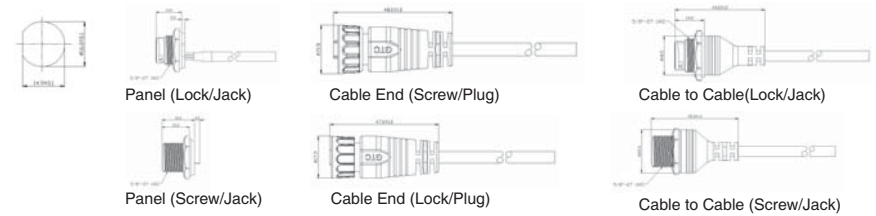
## Mini USB-B C2 Plastic Lock type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT114200-08-XX	Panel	-	Jack	5	3=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT114200-70	Panel	-	Jack	5	1=PCB 5=Coupler
GT114226-08-XX	0=Cable End 1=Cable End Left Angle 9=Cable End Right Angle	-	Plug	5	1=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT114210-08-XX	Cable to Cable	-	Jack	5	1=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug

## Mini USB-B C2 Plastic Screw type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT114300-10	Panel	-	Jack	5	PCB
GT114300-08-XX	Panel	-	Jack	5	3=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT114320-08-XX	Cable End	-	Plug	5	1=1P*28#+2C*24# 2=1P*24#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT114310-09-XX	Cable to Cable	-	Jack	5	w/ USB-B Plug

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

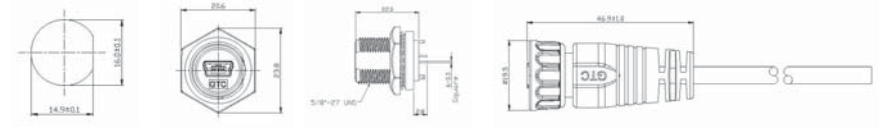


Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Lock	IP67	GT114226-08-XX	-	GT1C1210x2
Circular	Lock	IP67	GT114226-08-XX	-	GT1C1210x2
Molding	Lock	IP67	GT114200-08-XX GT114200-70	GT114210-08-XX	-
Molding	Lock	IP67	-	GT114226-08-XX	-

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT114320-08-xx	-	GT1C5231xx
Circular	Screw	IP67	GT114320-08-xx	-	GT1C5231xx
Molding	Screw	IP67	GT114300-10 GT114300-08-xx	GT114310-08-XX	-
Molding	Screw	IP67	-	GT114320-08-xx	-

# USB CONNECTOR - MINI USB-B METAL SERIES

Plastic Parts PBT  
 Metal Parts Zn Alloy, Ni Plating  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 22 AWG ~ 28 AWG for 1A  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C



Panel (Jack)

Cable End (Plug)

## Mini USB-B C2 Metal Screw type

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	No.	⑦ ⑧ Style
GT214300-0⑧-xx	Panel	-	Jack	5	3=1P*28#+2C*24# 5=w/ USB-A Plug 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug
GT214300-⑦0	Panel	-	Jack	5	1=PCB 5=Coupler
GT21432⑥-0-xx	0=Cable End 9=Cable End Right Angle	-	Plug	5	1=1P*28#+2C*24# 5=w/ USB-A Plug 6=w/ USB-A Receptacle 7=w/ Mini USB-B Plug 8=w/ Mini USB-B Receptacle 9=w/ USB-B Plug

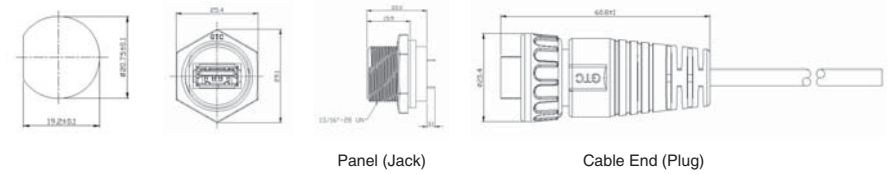
\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP68	GT21432⑥-0⑧-xx	-	GT2C1230x2
Circular	Screw	IP68	GT21432⑥-0⑧-xx	-	GT2C1230x2
Circular	Screw	IP68	GT214300-0⑧-xx GT214300-⑦0	-	-



# USB CONNECTOR - USB 3.0 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicon  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C  
 Recommend AWG 22 AWG ~ 28 AWG for 1.5A



## USB 3.0 C3 Plastic Screw type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT118300-10	Panel	-	Jack	09	PCB
GT118300-03-XX	Panel	-	Jack	09	1P*28#+2C*24#
GT118320-0M-XX	Cable End	-	Plug	09	1P*28#+2C*24#
GT118320-0N-XX	Cable End	-	Plug	09	1P*28#+2C*24#

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT118320-0M-XX GT118320-0N-XX	-	GT1C5331x2
Circular	Screw	IP67	GT118320-0M-XX GT118320-0N-XX	-	GT1C5331x2
Molding	Screw	IP67	GT118300-10 GT118300-03-XX	-	-
Molding	Screw	IP67	GT118300-10 GT118300-03-XX	-	-

# WATERPROOF ETHERNET CONNECTOR



RJ45 Series  
RJ45 w/ LED Series

# GT CONTACT

# ETHERNET CONNECTOR - RJ45 PLASTIC SERIES

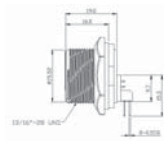
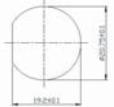
Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 24 AWG ~ 26 AWG for 1.5A  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C



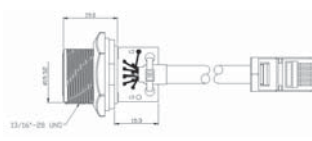
## Ethernet C3 Plastic Screw Type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	⑦⑧ Style
GT125300-0⑧-XX	Panel	-	Jack	8P8C	3=w/ Inside PCB+RJ Plug 5=w/ Outside+RJ Plug 9=4P*24#
GT125300-⑦0	Panel	-	Jack	8P8C	1=PCB 2=PCB 90° 3=Coupler 180° 4=Coupler 90°
GT125320-0⑧-XX	Cable End	-	Plug	8P8C	2=4P*24# 6=w/ RJ Plug
GT1253⑤0-00	Cable End	-	Plug	8P8C	-
GT125310-02-XX	Cable to Cable	-	Jack	8P8C	4P*24#

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

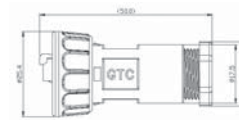


Panel (PCB Type)

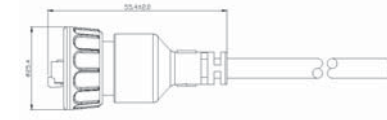


Panel (with Pigtail)

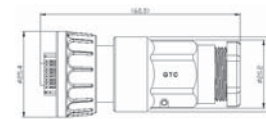
Shell			Mating Part No.		
⑤ Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT125320-0⑧-XX GT1253⑤0-00	-	GT1C5331x2
Circular	Screw	IP67	GT125320-0⑧-XX GT1253⑤0-00	-	GT1C5331x2
Molding	Screw	IP67	GT125300-0⑧-XX GT125300-⑦0	GT125310-02-XX	-
3=F.I. 3parts 5=F.I. 3parts-w/o plug 6=F.I. 2parts 8=F.I. 2parts-w/o plug	Screw	IP67	GT125300-0⑧-XX GT125300-⑦0	GT125310-02-XX	-
Molding	Screw	IP67	-	GT125320-0⑧-XX GT1253⑤0-00	-



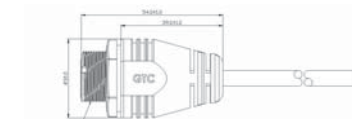
Field Installable  
Cable End  
(2 parts)



Cable End  
(Molding)



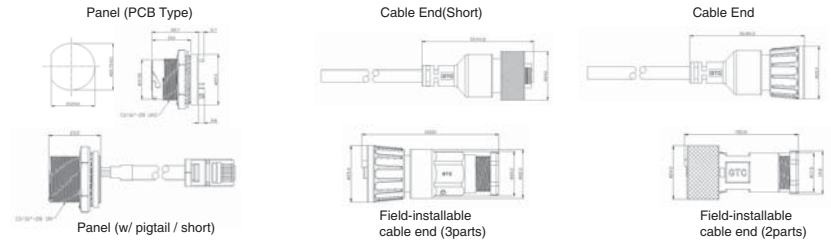
Field Installable  
Cable End  
(3 parts)



Cable to Cable  
(Molding)

# ETHERNET CONNECTOR - RJ45 METAL SERIES

Metal Parts Zn Alloy, Ni Plating  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 24 AWG ~ 26 AWG for 1.5A  
 Panel Temperature Range -40°C / +105°C  
 Cable Temperature Range -40°C / +80°C



## Ethernet C3 Metal Screw Type

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	⑦⑧ Style
GT225200-0⑧-XX	Panel	-	Jack	8P8C	3=w/ Inside PCB+RJ Plug 4=w/ Inside PCB+RJ Plug 5=w/ Outside+RJ Plug 9=4P*24# B=4P*24# UTP
GT225200-⑦0	Panel	-	Jack	8P8C	1=PCB 3=Coupler 180° 4=Coupler 90°
GT225320-0⑧-XX	Cable End	-	Plug	8P8C	2=4P*24# 6=w/ RJ Plug
GT2253⑤0-00	Cable End	-	Plug	8P8C	-

Shell			Mating Part No.		
⑤ Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP68	GT225320-0⑧-XX GT2253⑤0-00	-	GT2C2130x2
Circular	Screw	IP68	GT225320-0⑧-XX GT2253⑤0-00	-	GT2C2130x2
Molding	Screw	IP68	GT225200-0⑧-XX GT225200-⑦0	-	GT2C2132x2
3=F.I. 3parts 6=F.I. 2parts 7=F.I. 3parts-Full Metal	Screw	IP68	GT225200-0⑧-XX GT225200-⑦0	-	GT2C2132x2

## Ethernet C3 Metal Screw Type (Short)

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	⑦⑧ Style
GT225500-0⑧-XX	Panel	-	Jack	8P8C	3=w/ Inside PCB+RJ Plug 5=w/ Outside+RJ Plug
GT225500-⑦0	Panel	-	Jack	8P8C	2=PCB 90° 3=Coupler 180°
GT225520-02-XX	Cable End	-	Plug	8P8C	4P*24#
GT2255⑤0-00	Cable End	-	Plug	8P8C	-

Shell			Mating Part No.		
⑤ Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP68	GT225520-02-XX GT2255⑤0-00	-	GT2C2130x2
Circular	Screw	IP68	GT225520-02-XX GT2255⑤0-00	-	GT2C2130x2
Molding	Screw	IP68	GT225500-0⑧-XX GT225500-⑦0	-	GT2C215212
6=F.I. 2parts 7=F.I. 3parts-Full Metal	Screw	IP68	GT225500-0⑧-XX GT225500-⑦0	-	GT2C215212

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

# ETHERNET CONNECTOR - RJ45 PLASTIC WITH LED INDICATOR SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Recommend AWG 28 AWG for 1.5A ; 24 AWG for 2A  
 Temperature Range -40°C / +80°C

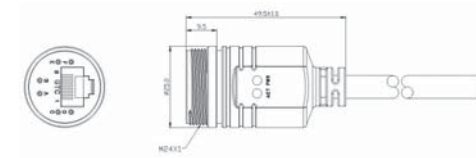


## Ethernet C3 Metal Screw type

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑦ No.	Style
GT12A310-⑦D-XX	Cable to Cable	-	Jack	5=8P8C 6=8P8C+ 2P 7=8P8C+ 4P 8=8P8C+ 6P	with cable
GT12A330-⑦0	Cable End	-	Jack	5=8P8C 6=8P8C+ 2P 7=8P8C+ 4P 8=8P8C+ 6P	-

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	-	GT12A330-⑦0	-
Field Installable	Screw	IP67	-	GT12A310-⑦D-XX	-



Cable to Cable (molding)



Field-installable Cable End

# WATERPROOF POWER CONNECTOR



Power Push Lock (41A) Series

# GT CONTACT

# POWER CONNECTOR - M35 PUSH LOCK SERIES

Plastic Parts PA66  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Temperature Range -40°C ~ +105°C  
 Recommend AWG 8 AWG for 41A



## Panel Mount

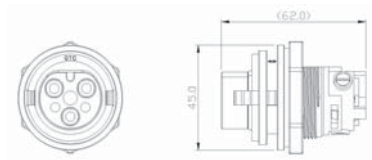
Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1E1400-42030	Panel	41A	Female	03	Screw-in
GT1E1401-42030	Panel	41A	Male	03	Screw-in

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Push Lock	IP67	GT1E1411-42032	-	-
Circular	Push Lock	IP67	GT1E1410-42032	-	-

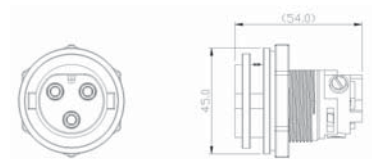
## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1E1411-42032	Cable End	41A	Male	03	Screw-in
GT1E1411-42032	Cable End	41A	Female	03	Screw-in

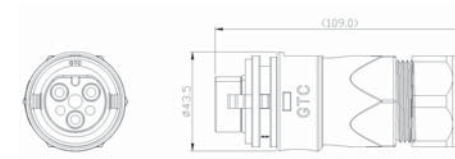
Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Field-Installable	Push Lock	IP67	GT1E1400-42030	GT1E1410-42032	-
Field-Installable	Push Lock	IP67	GT1E1401-42030	GT1E1411-42032	-



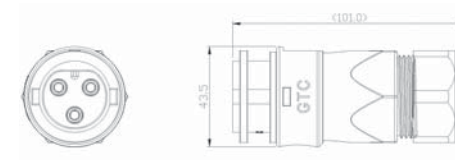
Panel (Male)



Panel (Female)



Field-Installable Cable (Male)



Field-Installable Cable (Female)

# WATERPROOF MINI CONNECTOR



Mini (8A, 10A, 13A) Series

# GT CONTACT



# MINI CONNECTOR

Plastic Parts  
 Metal Parts  
 Contacts  
 Gasket & O-ring  
 Temperature Range  
 Recommend AWG

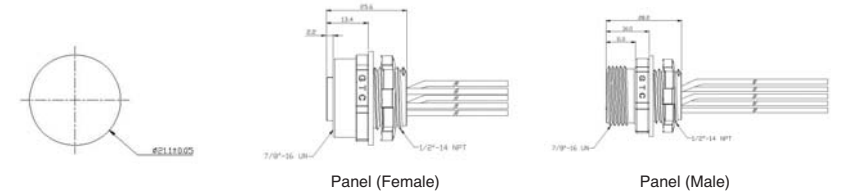
PVC  
 Zinc Alloy With Ni Plated  
 Copper Alloy, Au Plating  
 Viton  
 -40°C ~ +105°C  
 16 AWG for 13A, 10A, 8A



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	① Style
GT272203-2403①-XX	Panel	13A	Female	03	8=16# 9=14#
GT272213-2403①-XX	Panel	13A	Male	03	8=16# 9=14#
GT272203-23048-XX	Panel	10A	Female	04	16#
GT272213-23048-XX	Panel	10A	Male	04	16#
GT272203-22058-XX	Panel	8A	Female	05	16#
GT272213-22058-XX	Panel	8A	Male	05	16#

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)  
 \*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...



Shell			Mating Part No.		
Flange Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Rear	Screw	IP68	GT27223⑥-2403①-XX GT272254-34030	-	GT1C7330x2
Rear	Screw	IP68	GT27222⑥-2403①-XX GT272244-34030	-	GT1C7331x2
Rear	Screw	IP68	GT27223⑥-2304①-XX GT272254-33040	-	GT1C7330x2
Rear	Screw	IP68	GT27222⑥-2304①-XX GT272244-33040	-	GT1C7331x2
Rear	Screw	IP68	GT27223⑥-2205①-XX GT272254-32050	-	GT1C7330x2
Rear	Screw	IP68	GT27222⑥-2205①-XX GT272244-32050	-	GT1C7331x2

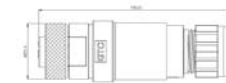
# MINI CONNECTOR

Plastic Parts  
Metal Parts  
Contacts  
Gasket & O-ring  
Temperature Range  
Recommend AWG

PVC  
Zinc Alloy With Ni Plated  
Copper Alloy, Au Plating  
Silicone  
-40°C ~ +105°C  
16 AWG for 13A, 10A, 8A



Field-Installable cable end (Male)



Field-Installable cable end (Female)

## Cable end

Series / Part No.	⑥ Connector Type	Contact			
		Rating	Type	No.	⑩ Style
GT27223 ⑥-2403 ⑩-XX	4= Cable End 5= Cable End 90°	13A	Male	03	A=SOOW 16# B=STOOW 16# C=TC-ER 14#
GT272254-34030	Cable end	13A	Male	03	Screw-in
GT27222 ⑥-2403 ⑩-XX	4= Cable End 5= Cable End 90°	13A	Female	03	A=SOOW 16# B=STOOW 16# C=TC-ER 14#
GT272244-34030	Cable end	13A	Female	03	Screw-in
GT27223 ⑥-2304 ⑩-XX	4= Cable End 5= Cable End 90°	10A	Male	04	A=SOOW 16# B=STOOW 16#
GT272254-34040	Cable end	10A	Male	04	Screw-in
GT27222 ⑥-2304 ⑩-XX	4= Cable End 5= Cable End 90°	10A	Female	04	A=SOOW 16# B=STOOW 16#
GT272244-33040	Cable end	10A	Female	04	Screw-in
GT27223 ⑥-2205 ⑩-XX	4= Cable End 5= Cable End 90°	8A	Male	05	A=SOOW 16# B=STOOW 16#
GT272254-32050	Cable end	8A	Male	05	Screw-in
GT27222 ⑥-2305 ⑩-XX	4= Cable End 5= Cable End 90°	8A	Female	05	A=SOOW 16# B=STOOW 16#
GT272244-32050	Cable end	8A	Female	05	Screw-in

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)

\*\* XX= Cable Length Z1=0.1M, 01=1M, 05=5M...

Shell			Mating Part No.		
Flange Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Molding	Screw	IP68	GT272203-2403 ⑩-XX	GT27222 ⑥-2403 ⑩-XX GT272244-34030	GT1C7331x2
Field Installable	Screw	IP68	GT272203-2403 ⑩-XX	GT27222 ⑥-2403 ⑩-XX GT272244-34030	GT1C7331x2
Molding	Screw	IP68	GT272213-2403 ⑩-XX	GT27223 ⑥-2403 ⑩-XX GT272254-34030	GT1C7330x2
Field Installable	Screw	IP68	GT272213-2403 ⑩-XX	GT27223 ⑥-2403 ⑩-XX GT272254-34030	GT1C7330x2
Molding	Screw	IP68	GT272203-23048-XX	GT27222 ⑥-2304 ⑩-XX GT272244-33040	GT1C7331x2
Field Installable	Screw	IP68	GT272203-23048-XX	GT27222 ⑥-2304 ⑩-XX GT272244-33040	GT1C7331x2
Molding	Screw	IP68	GT272213-23048-XX	GT27223 ⑥-2304 ⑩-XX GT272254-33040	GT1C7330x2
Field Installable	Screw	IP68	GT272213-23048-XX	GT27223 ⑥-2304 ⑩-XX GT272254-33040	GT1C7330x2
Molding	Screw	IP68	GT272203-23 ⑨ ⑩ ⑩ 8-XX	GT27222 ⑥-2205 ⑩-XX GT272244-32050	GT1C7331x2
Field Installable	Screw	IP68	GT272203-23 ⑨ ⑩ ⑩ 8-XX	GT27222 ⑥-2205 ⑩-XX GT272244-32050	GT1C7331x2
Molding	Screw	IP68	GT272213-23 ⑨ ⑩ ⑩ 8-XX	GT27223 ⑥-2205 ⑩-XX GT272254-32050	GT1C7330x2
Field Installable	Screw	IP68	GT272213-23 ⑨ ⑩ ⑩ 8-XX	GT27223 ⑥-2205 ⑩-XX GT272254-32050	GT1C7330x2

# WATERPROOF MICRO CONNECTOR

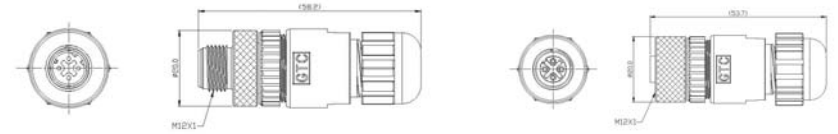


Micro (4A) Series

# GT CONTACT

# MICRO CONNECTOR

Plastic Parts PA66  
 Metal Parts Zinc Alloy With Ni Plated  
 Contacts Copper Alloy, Au Plating  
 Gasket & O-ring Silicone  
 Temperature Range -25°C ~ +85°C  
 Recommend AWG 18 AWG ~ 24 AWG for 4A



Field-Installable Cable end (D-coding/Male)

Field-Installable Cable end (A-coding/Female)

## A-coding

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨/⑩No.	Style
GT271144-31⑨/⑩0	Cable end	4A	Female	03-05	Screw-in
GT271154-31⑨/⑩0	Cable end	4A	Male	03-05	Screw-in

Shell			Mating Part No.		
Flange Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Field Installable	Screw	IP68	GT23411⑥-⑦2⑨/⑩0	GT271154-31⑨/⑩0	-
Field Installable	Screw	IP68	GT23410⑥-⑦2⑨/⑩0	GT271144-31⑨/⑩0	-

## D-coding

Series / Part No.	Connector Type	Contact			
		Rating	Type	⑨/⑩No.	Style
GT271444-31⑨/⑩0	Cable end	4A	Female	04-05	Screw-in
GT271454-31⑨/⑩0	Cable end	4A	Male	04-05	Screw-in

Shell			Mating Part No.		
Flange Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Field Installable	Screw	IP68	GT234412-⑦2040 GT234413-02040	GT271454-31⑨/⑩0	-
Field Installable	Screw	IP68	GT234402-⑦2040 GT234403-02040	GT271444-31⑨/⑩0	-

# WATERPROOF DC CONNECTOR

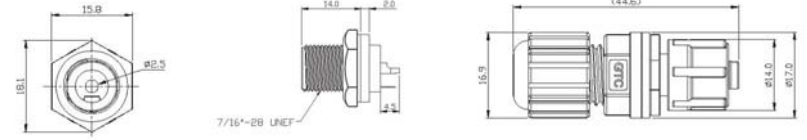


DC (5A) Series

# GT CONTACT

# DC CONNECTOR - C1 SERIES

Plastic Parts PA66  
 Contacts Copper Alloy  
 Gasket & O-ring Silicone  
 Temperature Range -40°C ~ +80°C  
 Recommend AWG 17 AWG ~ 20 AWG for 5A



Panel (Jack)

Field-Installable cable end (Plug)

## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1B0102	Panel	5A	Female	Ni	Solder

\* cap: x=0 without chain, 6=with Metal chain (M3 screw)

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GT1B0202	Cable End	5A	Male	Ni	Solder

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Circular	Screw	IP67	GT1B0202	-	GT1C5131x2

Shell			Mating Part No.		
Type	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Field-Installable	Screw	IP67	GT1B0102	-	-

# WATERPROOF PV CONNECTOR

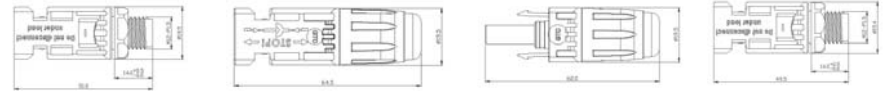


GTCB (25A) Series

# GT CONTACT

# PV CONNECTOR

Main body PPO  
 Gland nuts PA66-GF  
 Gland sealing TPE  
 Contact terminal Tin plated copper alloy  
 Temperature Range -40°C ~ +85°C



## Panel Mount

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GTCB-6P-F	Panel	25A	Female	Tin	Crimp
GTCB-6P-M	Panel	25A	Male	Tin	Crimp

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Field-Installable	Snap in	IP68	GTCB-4-M	-	-
Field-Installable	Snap in	IP68	GTCB-4-F	-	-

## Cable end

Series / Part No.	Connector Type	Contact			
		Rating	Type	No.	Style
GTCB-4-F	Cable End	25A	Female	Tin	Crimp
GTCB-4-M	Cable End	25A	Male	Tin	Crimp

Type	Shell		Mating Part No.		
	Mating	IP Rating	Panel to Cable	Cable to Cable	Cap
Field-Installable	Snap in	IP68	GTCB-6P-M	GTCB-4-M	-
Field-Installable	Snap in	IP68	GTCB-6P-F	GTCB-4-F	-