

CORCOM Filter Products

TC Series

Current Compensated Chokes

General Information

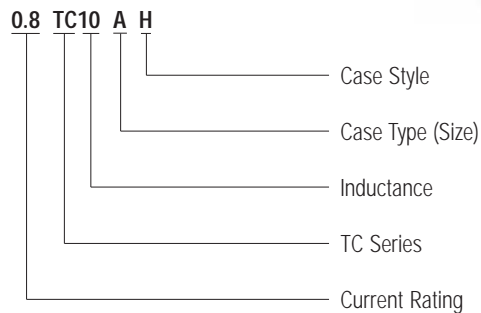
- For common-and differential mode attenuation
- Ideal for direct mounting on PCB's
- For current from 0,3 to 10 A
- Vertical and horizontal cases available in 5 different sizes
- Space saving and cost effective design
- Inductance from 0,7 to 68 mH

Specifications

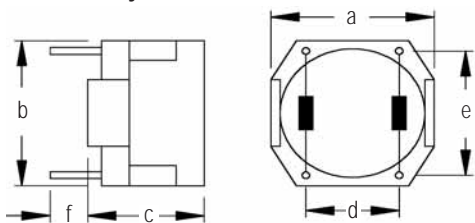
- Voltage Rating: 250 VAC
- Current Rating: @40°C
- High-Voltage Test: 1500 VAC
- Operating Temperature: -40°C to +125°C
- Climatic Classification: GKC to DIN 40040
- Inductance Tolerance: -30 % to +50 %
- Connections: Tinned Pins; 4,0 mm
- Housing: Potted Plastic Box



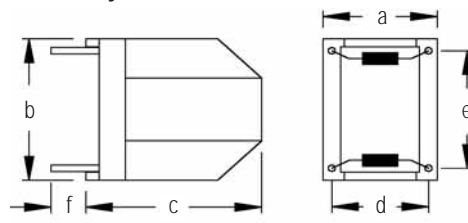
Ordering Information



Horizontal Style



Vertical Style



Mechanical Data

Housing Typ	Style H = horizontal V = vertical	Dimensions / mm						Drilling Hole mm Ø
		a	b	c	d	e	f	
A	H	17,5	17,5	12,5	10,0	15,0	4,0	1,2
A	V	13,0	18,0	20,0	10,0	5,0	4,0	1,2
B	H	22,5	22,5	15,0	12,5	20,0	4,0	1,2
B	V	15,4	22,5	25,0	12,5	10,0	4,0	1,2
C	H	27,0	27,0	17,5	15,0	25,0	4,0	1,2
C	V	18,0	27,5	30,0	15,0	12,5	4,0	1,2
D	H	32,0	32,5	19,5	20,0	30,0	4,0	1,4
D	V	18,0	32,0	35,0	15,0	12,5	4,0	1,4
E	H	42,0	43,0	25,0	25,0	35,0	4,0	1,6
E	V	28,0	42,0	47,5	25,0	25,0	4,0	1,6

TC Series – Horizontal Style

TYCO PN	Corcom PN	Housing Type	Inductance 2x...mH	Voltage VAC	Current A	R _{DC} 2x...mΩ
0-2028000-1	0.4TC39AH	A	39	250	0,4	1400
0-2028000-2	0.4TC27AH	A	27	250	0,4	1150
0-2028000-3	0.6TC15AH	A	15	250	0,6	450
0-2028000-4	0.8TC10AH	A	10	250	0,8	320
0-2028000-5	1.2TC6.8AH	A	6,8	250	1,2	240
0-2028000-6	1.5TC3.3AH	A	3,3	250	1,5	130
0-2028000-7	2TC1.8AH	A	1,8	250	2	65
0-2028000-8	4TC0.7AH	A	0,7	250	4	25
0-2028001-1	0.4TC47BH	B	47	250	0,4	1800
0-2028001-2	0.5TC27BH	B	27	250	0,5	1450
0-2028001-3	0.7TC18BH	B	18	250	0,7	1100
0-2028001-4	1TC5.6BH	B	5,6	250	1	600
0-2028001-5	1TC3.3BH	B	3,3	250	1	400
0-2028001-6	1TC15BH	B	15	250	1	600
0-2028001-7	1.2TC10BH	B	10	250	1,25	350
0-2028001-8	1.5TC6.8BH	B	6,8	250	1,5	260
0-2028001-9	2TC2.2BH	B	2,2	250	2	160
1-2028001-0	3TC1.2BH	B	1,2	250	3	56
0-2028002-1	0.6TC47CH	C	47	250	0,6	1600
0-2028002-2	1TC27CH	C	27	250	1	800
0-2028002-3	1TC11CH	C	11	250	1	800
0-2028002-4	2TC5.6CH	C	5,6	250	2	160
0-2028002-5	2TC3CH	C	3	250	2	160
0-2028002-6	4TC2.7CH	C	2,7	250	4	66
0-2028002-7	4TC1.2CH	C	1,2	250	4	60
0-2028003-1	0.5TC27DH	D	27	250	0,5	2400
0-2028003-2	0.6TC47DH	D	47	250	0,6	1600
0-2028003-3	1TC12DH	D	12	250	1	880
0-2028003-4	1.6TC10DH	D	10	250	1,6	350
0-2028003-5	2TC6.8DH	D	6,8	250	2	230
0-2028003-6	4TC3.3DH	D	3,3	250	4	70
0-2028004-1	1TC68EH	E	68	250	1	1400
0-2028004-2	2TC18EH	E	18	250	2	380
0-2028004-3	4TC6.8EH	E	6,8	250	4	100
0-2028004-4	6TC3.9EH	E	3,9	250	6	45
0-2028004-5	8TC2.7EH	E	2,7	250	8	25
0-2028004-6	10TC1.8EH	E	1,8	250	10	16

TC Series – Vertical Style

TYCO PN	Corcom PN	Housing Type	Inductance 2x...mH	Voltage VAC	Current A	R _{DC} 2x...mΩ
1-2028000-1	0.4TC39AV	A	39	250	0,4	1400
1-2028000-2	0.4TC27AV	A	27	250	0,4	1150
1-2028000-3	0.6TC15AV	A	15	250	0,6	450
1-2028000-4	0.8TC10AV	A	10	250	0,8	320
1-2028000-5	1.2TC6.8AV	A	6,8	250	1,2	240
1-2028000-6	1.5TC3.3AV	A	3,3	250	1,5	130
1-2028000-7	2TC1.8AV	A	1,8	250	2	65
1-2028000-8	4TC0.7AV	A	0,7	250	4	25
1-2028001-1	0.4TC47BV	B	47	250	0,4	1800
1-2028001-2	0.5TC27BV	B	27	250	0,5	1450
1-2028001-3	0.7TC18BV	B	18	250	0,7	1100
1-2028001-4	1TC5.6BV	B	5,6	250	1	600
1-2028001-5	1TC3.3BV	B	3,3	250	1	400
1-2028001-6	1TC15BV	B	15	250	1	600
1-2028001-7	1.2TC10BV	B	10	250	1,25	350
1-2028001-8	1.5TC6.8BV	B	6,8	250	1,5	260
1-2028001-9	2TC2.2BV	B	2,2	250	2	160
2-2028001-0	3TC1.2BV	B	1,2	250	3	56
1-2028002-1	0.6TC47CV	C	47	250	0,6	1600
1-2028002-2	1TC27CV	C	27	250	1	800
1-2028002-3	1TC11CV	C	11	250	1	800
1-2028002-4	2TC5.6CV	C	5,6	250	2	160
1-2028002-5	2TC3CV	C	3	250	2	160
1-2028002-6	4TC2.7CV	C	2,7	250	4	66
1-2028002-7	4TC1.2CV	C	1,2	250	4	60
1-2028003-1	0.5TC27DV	D	27	250	0,5	2400
1-2028003-2	0.6TC47DV	D	47	250	0,6	1600
1-2028003-3	1TC12DV	D	12	250	1	880
1-2028003-4	1.6TC10DV	D	10	250	1,6	350
1-2028003-5	2TC6.8DV	D	6,8	250	2	230
1-2028003-6	4TC3.3DV	D	3,3	250	4	70
1-2028004-1	1TC68EV	E	68	250	1	1400
1-2028004-2	2TC18EV	E	18	250	2	380
1-2028004-3	4TC6.8EV	E	6,8	250	4	100
1-2028004-4	6TC3.9EV	E	3,9	250	6	45
1-2028004-5	8TC2.7EV	E	2,7	250	8	25
1-2028004-6	10TC1.8EV	E	1,8	250	10	16

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