



MIL-DTL-38999 Series III
Integrated Rear Banding Platform
Part Number Development

Part Number Configuration

Aero Prefix	AE65-	379	W	B	98	S	N
Shell Type							
377 = Rear, Narrow Flange (Ref: D38999/20)							
378 = Rear, Jam Nut receptacle (Ref: D38999/24)							
379 = Plug Connector, RFI (Ref: D38999/26)							
Material Finish							
W = Aluminum, Olive Drab Cadmium over Nickel							
F = Aluminum, Electroless Nickel							
G = Stainless Steel, Passivated, Non-Firewall							
K = Stainless Steel, Passivated, Firewall							
BN = Aluminum, Black Nickel (RoHS)							
Shell Size							
A = 9, B = 11, C = 13, D = 15, E = 17, F = 19, G = 21, H = 23, J = 25							
Insert Arrangement							
Per MIL-STD-1560							
Contact Style							
P = Pin							
S = Socket							
A = Pin (Connectors used with other than Standard Contacts)							
B = Socket							
Polarization (Keying)							
N = Normal							
A, B, C, D and E							
Note = All minor keys are rotated to provide shell polarization, the master key remains fixed.							

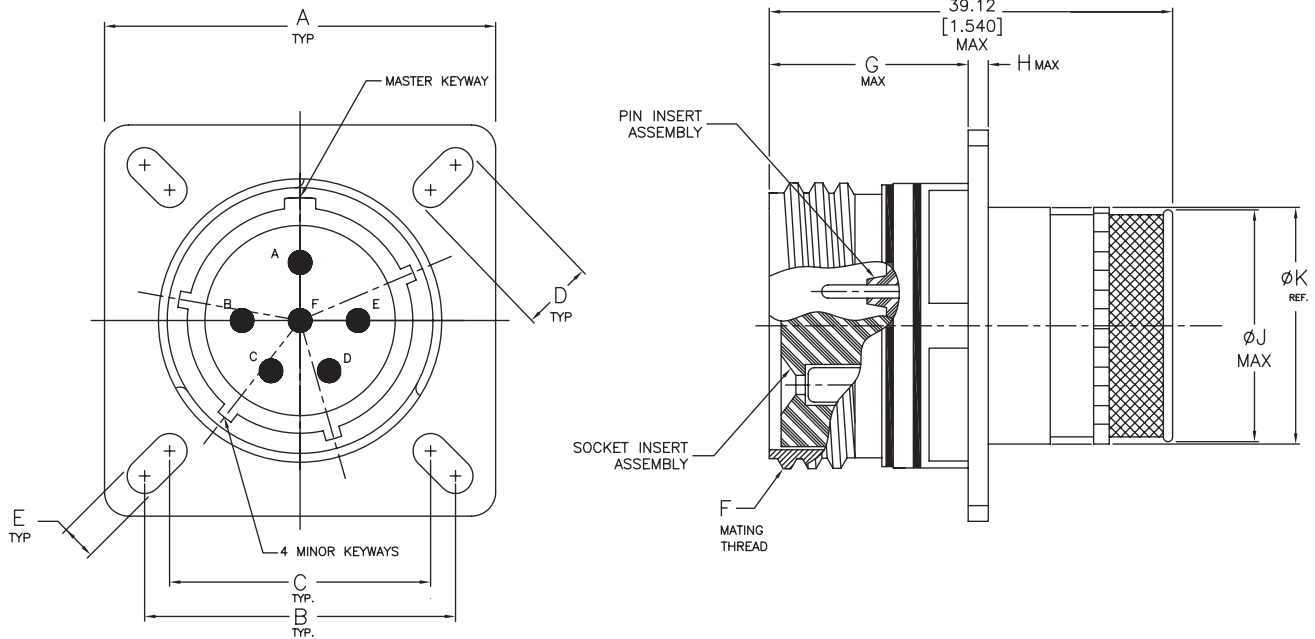
INTEGRATED REAR

MIL-DTL-38999 Series III
Integrated Rear Banding Platform
AE65-377



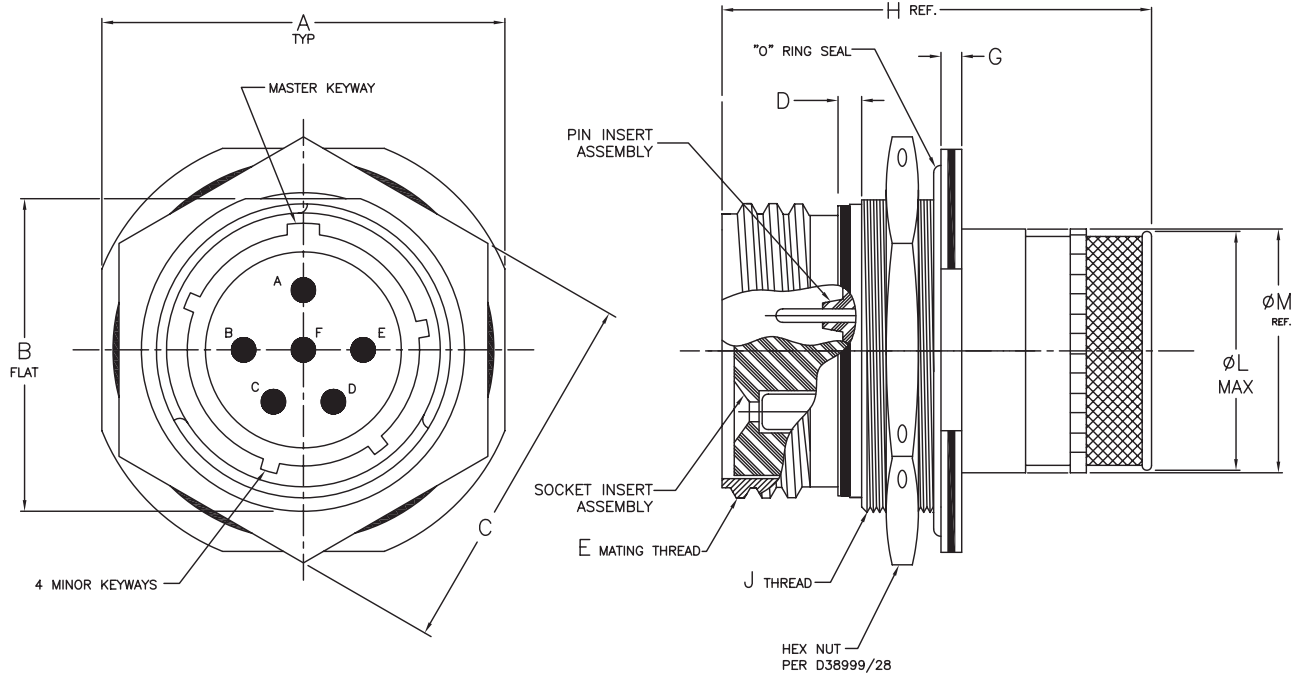
AE65-377 Wall Mount Receptacle with integrated Rear Banding Platform

INTEGRATED REAR



SHELL SIZE	SHELL CODE	A TYP		B TYP		C TYP		D TYP		E		F THREAD TRIPLE START	G MAX		H MAX		ØJ MAX		ØK REF.
		INCH ±.012	MM ±0.26	INCH ±.010	MM ±0.26	INCH ±.010	MM ±0.26	INCH ±.008	MM ±0.20	INCH ±.008	MM ±0.20		INCH	MM	INCH	MM	INCH	MM	
9	A	.937	23.80	.719	18.26	.594	15.09	.216	5.49	.128	3.25	.6250-1P-.3L	.820	20.83	.099	2.50	.453	11.50	.476
11	B	1.031	26.20	.812	20.62	.719	18.26	.194	4.93	.128	3.25	.7500-1P-.3L	.820	20.83	.099	2.50	.571	14.50	.594
13	C	1.126	28.60	.906	23.01	.812	20.62	.194	4.93	.128	3.25	.8750-1P-.3L	.820	20.83	.099	2.50	.690	17.53	.713
15	D	1.220	31.00	.969	24.61	.906	23.01	.194	4.93	.128	3.25	1.000-1P-.3L	.820	20.83	.099	2.50	.847	21.51	.870
17	E	1.311	33.30	1.062	26.97	.969	24.61	.194	4.93	.128	3.25	1.187-1P-.3L	.820	20.83	.099	2.50	.965	24.51	.988
19	F	1.437	36.50	1.156	29.36	1.062	26.97	.194	4.93	.128	3.25	1.250-1P-.3L	.820	20.83	.099	2.50	1.083	27.51	1.104
21	G	1.563	39.70	1.250	31.75	1.156	29.36	.194	4.93	.128	3.25	1.375-1P-.3L	.790	20.07	.126	3.20	1.201	30.51	1.226
23	H	1.689	42.90	1.375	34.93	1.250	31.75	.242	6.15	.154	3.91	1.500-1P-.3L	.790	20.07	.126	3.20	1.319	33.50	1.342
25	J	1.811	46.00	1.500	38.10	1.375	34.93	.242	6.15	.154	3.91	1.625-1P-.3L	.790	20.07	.126	3.20	1.447	36.75	1.460

AE65-378 Jam Nut Receptacle with integrated Rear Banding Platform



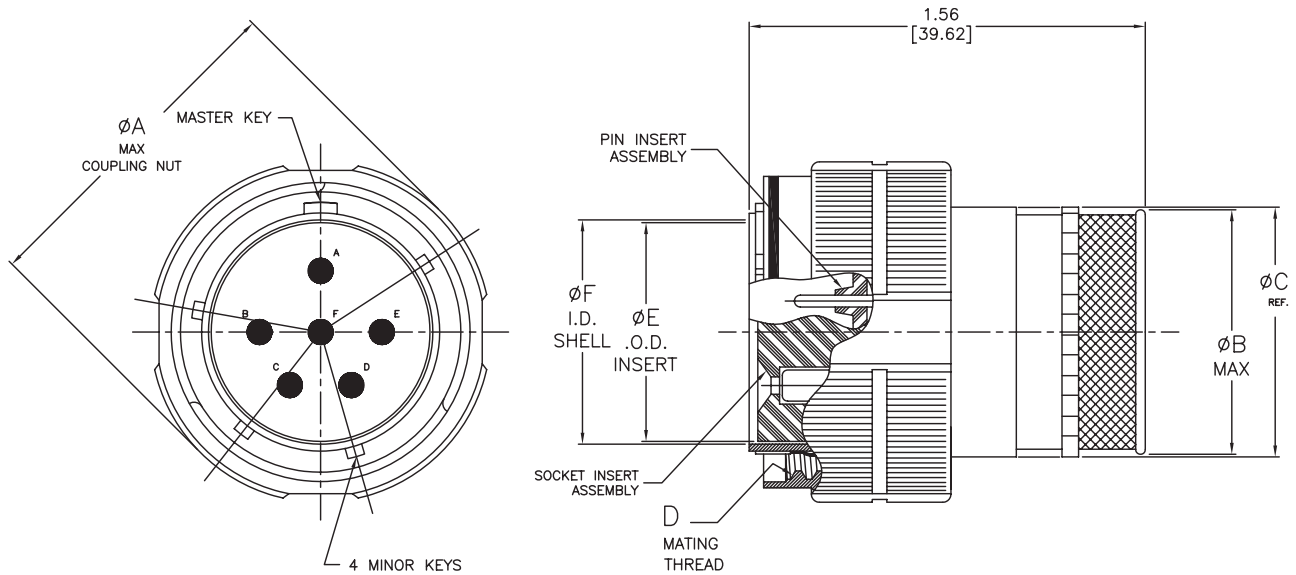
INTEGRATED REAR

SHELL SIZE	SHELL CODE	A	B MTG. FLAT	C HEX	D	E THREDE TRIPLE START	G	H REF.	J THREAD	ØL MAX	ØM REF.
		±.016	+0.04 -.006								
9	A	1.063	.651	.945 .859	.555	.6250-1P-.3L	.087	1.580	M17x1.0-6g.100R	.453	.476
11	B	1.252	.751	1.063 .984	.555	.7500-1P-.3L	.087	1.580	M20x1.0-6g.100R	.571	.594
13	C	1.374	.983	1.260 1.172	.563	.8750-1P-.3L	.087	1.580	M25x1.0-6g.100R	.690	.713
15	D	1.500	1.062	1.417 1.296	.563	1.000-1P-.3L	.087	1.580	M28x1.0-6g.100R	.847	.870
17	E	1.626	1.187	1.457 1.422	.563	1.187-1P-.3L	.087	1.580	M32x1.0-6g.100R	.965	.988
19	F	1.811	1.312	1.614 1.546	.563	1.250-1P-.3L	.087	1.615	M35x1.0-6g.100R	1.083	1.104
21	G	1.937	1.437	1.811 1.672	.563	1.375-1P-.3L	.118	1.615	M38x1.0-6g.100R	1.201	1.226
23	H	2.063	1.562	1.969 1.796	.563	1.500-1P-.3L	.118	1.615	M41x1.0-6g.100R	1.319	1.342
25	J	2.189	1.687	2.017 1.939	.563	1.625-1P-.3L	.118	1.615	M44x1.0-6g.100R	1.447	1.460

MIL-DTL-38999 Series III
Integrated Rear Banding Platform
AE65-379



AE65-379 Plug Connector, RFI, with integrated Rear Banding Platform



INTEGRATED REAR

SHELL SIZE	MS SHELL CODE	ØA MAX		ØB MAX		ØC REF.	D THREAD TRIPLE START	ØE		ØF	
		INCH	MM	INCH	MM			INCH +0.05 -0.09	MM +0.13 -0.25	INCH +0.05 -0.01	MM +0.13 -0.03
9	A	.858	21.8	.453	11.50	.476	.625-1P-3L	.285	7.24	.387	9.83
11	B	.984	25.0	.571	14.50	.594	.750-1P-3L	.412	10.49	.514	13.06
13	C	1.157	29.4	.690	17.53	.713	.875-1P-3L	.527	13.39	.628	15.95
15	D	1.279	32.5	.847	21.51	.870	1.000-1P-3L	.651	16.56	.753	19.13
17	E	1.405	35.7	.965	24.51	.988	1.187-1P-3L	.777	19.74	.878	22.30
19	F	1.515	38.5	1.083	27.51	1.104	1.250-1P-3L	.866	22.00	.972	24.69
21	G	1.641	41.7	1.201	30.51	1.226	1.375-1P-3L	.990	25.17	1.097	27.86
23	H	1.767	44.9	1.319	33.50	1.342	1.500-1P-3L	1.116	28.35	1.222	31.04
25	J	1.889	48.0	1.447	36.75	1.460	1.625-1P-3L	1.240	31.52	1.347	34.21