

RATIONALE

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AS81511/51

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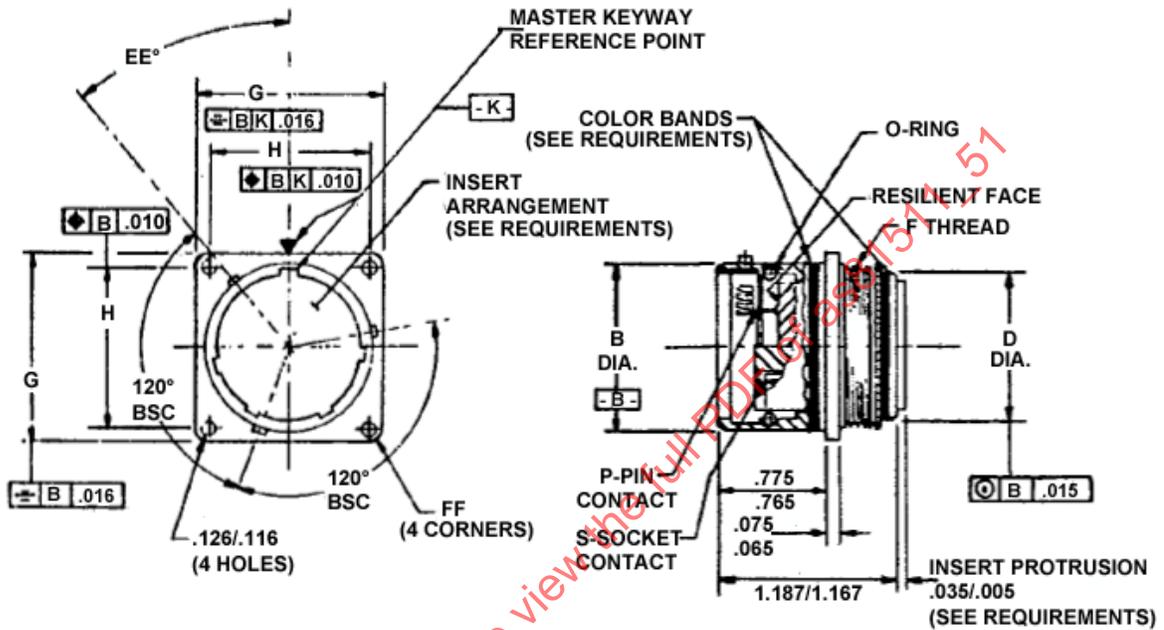
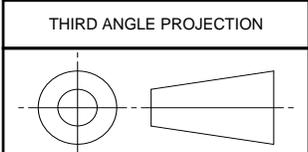


FIGURE 1 - CONNECTOR RECEPTACLE, FLANGE MOUNT (SERIES 4)

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CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81511



AEROSPACE STANDARD

CONNECTOR, RECEPTACLE, FLANGE MOUNT, ELECTRICAL, CIRCULAR, HIGH DENSITY, QUICK DISCONNECT, ENVIRONMENT RESISTING, INDIVIDUAL RELEASE, CRIMP TYPE CONTACTS (CLASS A, F, AND W - SERIES 4)

AS81511/51
SHEET 1 OF 3

ISSUED 2014-10

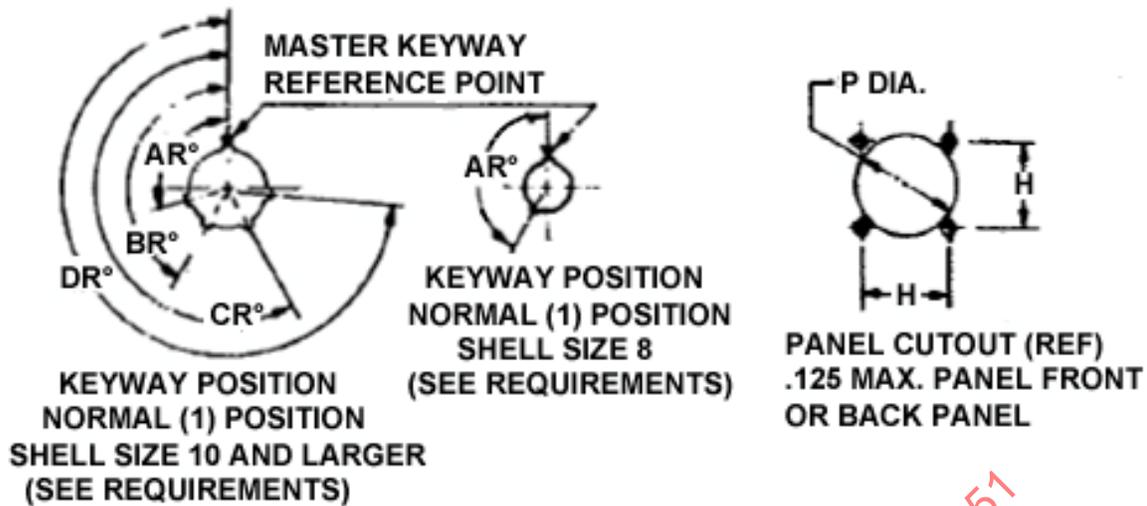


FIGURE 1 - CONNECTOR RECEPTACLE, FLANGE MOUNT (SERIES 4) (CONTINUED)

TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.003	0.08	.035	0.89	.116	2.95	.775	19.69
.005	0.13	.065	1.65	.125	3.18	1.167	29.64
.006	0.15	.073	1.85	.126	3.20	1.187	30.15
.010	0.25	.075	1.91	.200	5.08		
.015	0.38	.090	2.29	.230	5.84		
.016	0.41	.094	2.39	.265	19.43		

TABLE 2 - FIGURE 1 DIMENSIONS

SHELL SIZE	B Ø	D Ø	F THREAD	G	H	P Ø	AR° BSC	BR° BSC	CR° BSC	DR° BSC	FF RADIUS	EE° BSC POSITION					
												1	2	3	4	5	6
8	.553 (14.05)	.430 (10.92)	1/2-28UNEF-2A	.820 (20.83)	.599 (15.21)	.640 (16.26)	128°	--	--	--	.120 (3.05) .100 (2.54)	40	40	40	40	40	40
	.547 (13.89)	.424 (10.77)		.804 (20.42)	.589 (14.96)	.630 (16.00)											
10	.678 (17.22)	.555 (14.10)	5/8-28UN-2A	.945 (24.00)	.724 (18.39)	.765 (19.43)	105°	140°	215°	265°	.120 (3.05) .100 (2.54)	60	46	46	60	89	60
	.672 (17.07)	.549 (13.94)		.929 (23.60)	.714 (18.14)	.755 (19.18)											
14	.928 (23.57)	.805 (20.45)	7/8-28UN-2A	1.133 (28.78)	.911 (23.14)	1.015 (25.78)	105°	140°	215°	265°	.120 (3.05) .100 (2.54)	60	46	46	60	89	60
	.922 (23.42)	.799 (20.29)		1.117 (28.37)	.901 (22.89)	1.005 (25.53)											
16	1.054 (26.77)	.930 (23.63)	1-28UN-2A	1.258 (31.95)	.974 (24.74)	1.140 (28.96)	105°	140°	215°	265°	.150 (3.81) .130 (3.30)	50	50	50	50	50	50
	1.048 (26.62)	.924 (23.47)		1.242 (31.55)	.964 (24.49)	1.130 (28.70)											
18	1.178 (29.92)	1.055 (26.80)	1 1/8-28UN-2A	1.351 (34.32)	1.067 (27.10)	1.265 (32.13)	105°	140°	215°	265°	.150 (3.81) .130 (3.30)	50	50	50	50	50	50
	1.172 (29.77)	1.049 (26.64)		1.335 (33.91)	1.057 (26.85)	1.255 (31.88)											