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AS81511/49

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO CORRECT FIGURE 1, THE LABELS FOR DIMENSION G AND K WERE OMITTED DURING THE AS CONVERSION, THE FIGURE 1 DRAWING NEEDS TO BE CORRECTED TO ADD THE DIMENSION G AND K LABELS.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81511.

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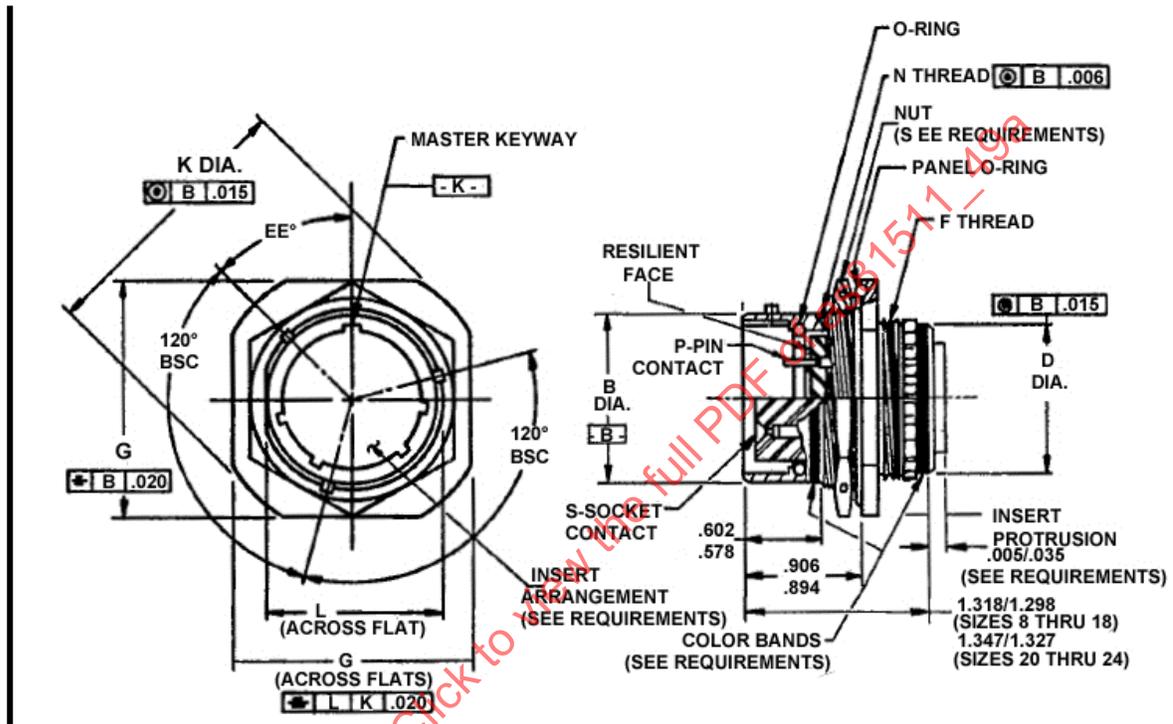
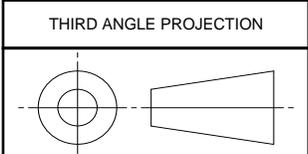


FIGURE 1 - CONNECTOR RECEPTACLE, JAM NUT MOUNT (SERIES 3)

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CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81511



AEROSPACE STANDARD

CONNECTOR, RECEPTACLE, JAM NUT MOUNT, ELECTRICAL, CIRCULAR, HIGH DENSITY, QUICK DISCONNECT, ENVIRONMENT RESISTING, INDIVIDUAL RELEASE, CRIMP TYPE CONTACTS (CLASS A, F, AND W - SERIES 3)

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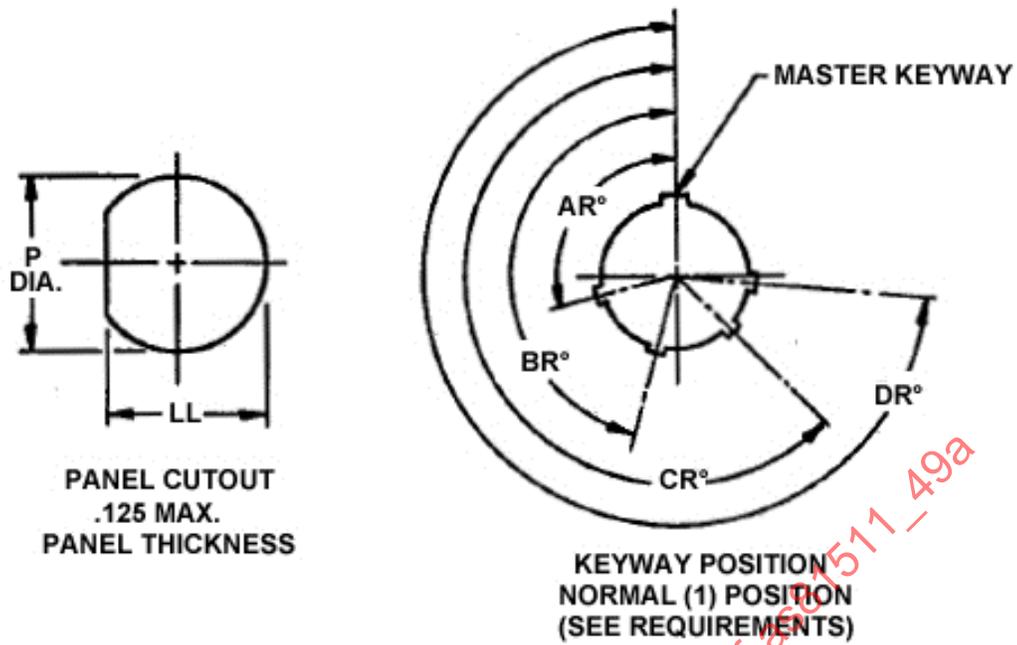


FIGURE 1 - CONNECTOR RECEPTACLE, JAM NUT MOUNT (SERIES 3) (CONTINUED)

TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.003	0.08	.067	1.70	.125	3.18	.906	23.01
.005	0.13	.073	1.85	.230	5.84	1.298	32.97
.006	0.15	.090	2.29	.578	14.68	1.318	33.48
.015	0.38	.094	2.39	.602	15.29	1.327	33.71
.020	0.51	.100	2.54	.894	22.71	1.347	34.21



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TABLE 2 - FIGURE 1 DIMENSIONS/CONFIGURATION

SHELL SIZE	B Ø	D Ø	F THREAD	G ACROSS FLATS	K Ø	L ACROSS FLAT	N THREAD	P Ø	LL
8	.553 (14.05)	.430 (10.92)	1/2-28UNEF-2A	.989 (25.12)	1.072 (27.23)	.598 (15.19)	5/8-20UN-2A	.640 (16.26)	.610 (15.49)
	.547 (13.89)	.424 (10.77)		.969 (24.61)	1.052 (26.72)	.590 (14.99)		.630 (16.00)	.600 (15.24)
	.678 (17.22)	.555 (14.10)		1.114 (28.30)	1.197 (30.40)	.723 (18.36)		.765 (19.43)	.735 (18.67)
10	.672 (17.07)	.549 (13.94)	5/8-28UN-2A	1.094 (27.79)	1.177 (29.90)	.715 (18.16)	3/4-20UNEF-2A	.755 (19.18)	.725 (18.42)
	.928 (23.57)	.805 (20.45)		1.401 (35.59)	1.510 (38.35)	.973 (24.71)		1.015 (25.78)	.985 (25.02)
14	.922 (23.42)	.799 (20.29)	7/8-28UN-2A	1.381 (35.08)	1.490 (37.85)	.965 (24.51)	1-20UNEF-2A	1.005 (25.53)	.975 (24.77)
	1.054 (26.77)	.930 (23.63)		1.526 (38.76)	1.635 (41.53)	1.098 (27.89)		1.140 (28.96)	1.110 (28.19)
16	1.048 (26.62)	.924 (23.47)	1-28UN-2A	1.506 (38.25)	1.615 (41.02)	1.090 (27.69)	1 1/8-20UN-2A	1.130 (28.70)	1.100 (27.94)
	1.178 (29.92)	1.055 (26.80)		1.651 (41.94)	1.745 (44.32)	1.222 (31.04)		1.265 (32.13)	1.235 (31.37)
18	1.172 (29.77)	1.049 (26.64)	1 1/8-28UN-2A	1.631 (41.43)	1.725 (43.82)	1.214 (30.84)	1 1/4-20UN-2A	1.255 (31.88)	1.225 (31.12)
	1.303 (33.10)	1.180 (29.97)		1.776 (45.11)	1.870 (47.50)	1.347 (34.21)		1.390 (35.31)	1.360 (34.54)
20	1.297 (32.94)	1.174 (29.82)	1 1/4-28UN-2A	1.756 (44.60)	1.850 (46.99)	1.339 (34.01)	1 3/8-20UN-2A	1.380 (35.05)	1.350 (34.29)
	1.428 (36.27)	1.305 (33.15)		1.901 (48.29)	1.995 (50.67)	1.472 (37.39)		1.515 (38.48)	1.485 (37.72)
22	1.422 (36.12)	1.299 (32.99)	1 3/8-28UN-2A	1.881 (47.78)	1.975 (50.17)	1.464 (37.19)	1 1/2-20UN-2A	1.505 (38.23)	1.475 (37.47)
	1.553 (39.45)	1.430 (36.32)		2.026 (51.46)	2.120 (53.85)	1.597 (40.56)		1.640 (41.66)	1.610 (40.89)
24	1.547 (39.29)	1.424 (36.17)	1 1/2-28UN-2A	2.006 (50.95)	2.100 (53.34)	1.589 (40.36)	1 5/8-20UN-2A	1.630 (41.40)	1.600 (40.64)

TABLE 2A - FIGURE 1 DIMENSIONS/CONFIGURATION

SHELL SIZE	AR° BSC	BR° BSC	CR° BSC	DR° BSC	PANEL O-RING	EE° BSC POSITION					
						1	2	3	4	5	6
						8	105°	140°	215°	265°	AS3582-018
10	95°	141°	208°	236°	AS3582-020	53	87	51	77	87	87
14	95°	141°	208°	236°	AS3582-024	53	87	51	77	87	87
16	80°	142°	196°	293°	AS3582-026	98	98	98	98	98	98
18	80°	142°	196°	293°	AS3582-028	98	98	98	98	98	98
20	80°	142°	196°	293°	AS3582-029	98	98	98	98	98	98
22	80°	142°	196°	293°	AS3582-030	98	98	98	98	98	98
24	80°	142°	196°	293°	AS3582-031	98	98	98	98	98	98