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AS81511™/53

FEDERAL SUPPLY CLASS
5935

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO CORRECT FIGURE 1, DIMENSION G AND K LABELS WERE OMITTED FROM THE FIGURE 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.

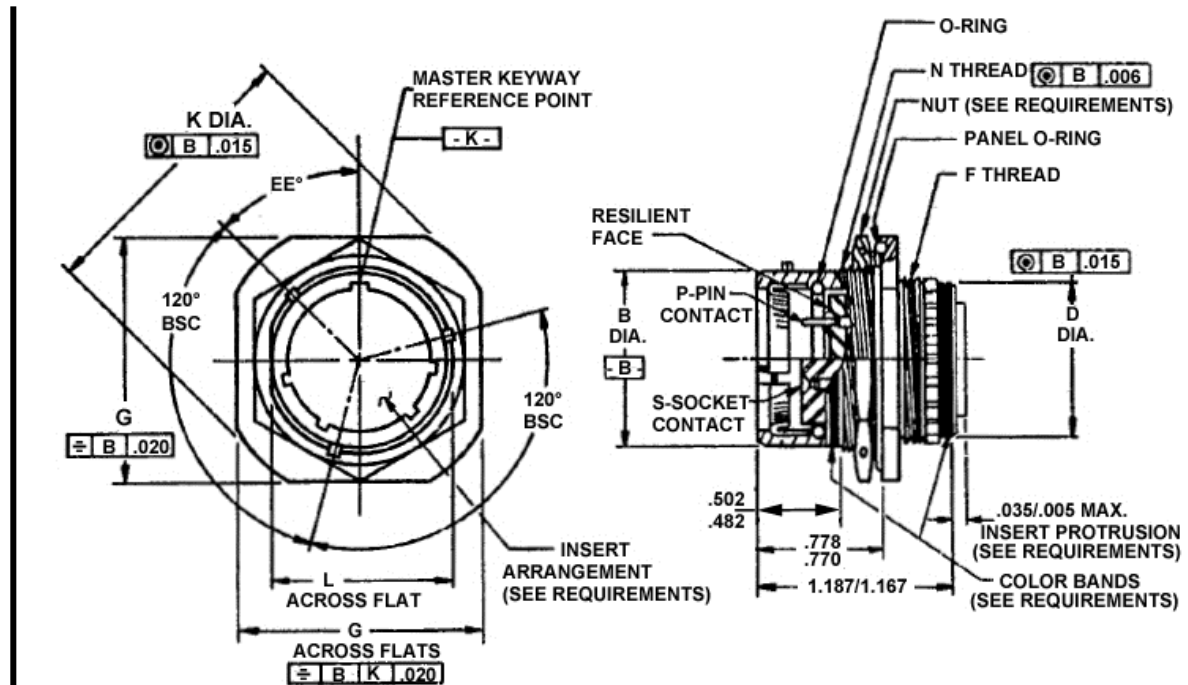
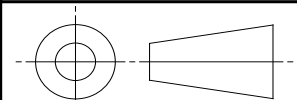


FIGURE 1 - CONNECTOR RECEPTACLE, JAM NUT MOUNT (SERIES 4)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81511/53A>

THIRD ANGLE PROJECTION



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 4)

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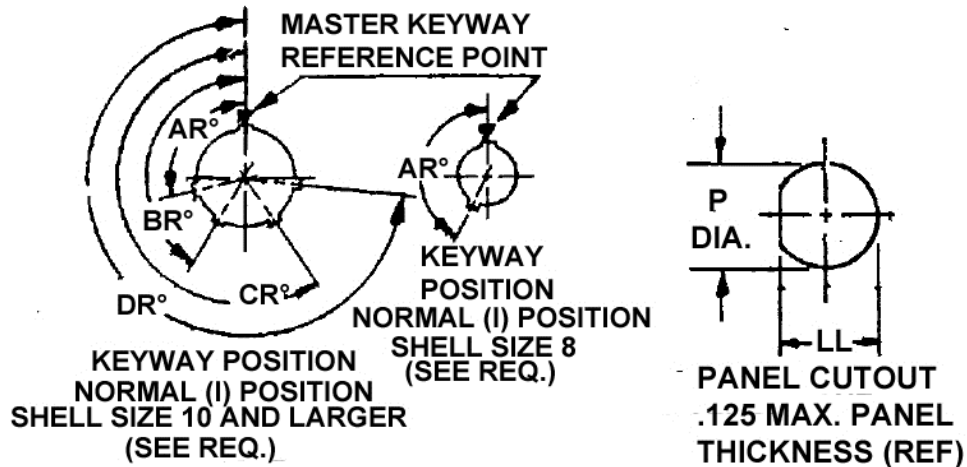


FIGURE 1 - CONNECTOR RECEPTACLE, JAM NUT MOUNT (SERIES 4) (CONTINUED)

TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.003	0.08	.035	0.89	.100	2.54	.502	12.75
.005	0.13	.067	1.70	.125	3.18	.770	19.56
.006	0.15	.073	1.85	.200	5.08	.778	19.76
.015	0.38	.090	2.29	.230	5.84	1.167	29.64
.020	0.51	.094	2.39	.482	12.24	1.187	30.15

TABLE 2 - FIGURE 1 DIMENSIONS

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)
	.922 (23.42)	.799 (20.29)		1.381 (35.08)	1.490 (37.85)	.965 (24.51)		1.005 (25.53)	.975 (24.77)
14	1.054 (26.77)	.930 (23.63)	1-28UN-2A	1.526 (38.76)	1.635 (41.53)	1.098 (27.89)	1 1/8-20UN-2A	1.140 (28.96)	1.110 (28.19)
	1.048 (26.62)	.924 (23.47)		1.506 (38.25)	1.615 (41.02)	1.090 (27.69)		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)



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