

REV.
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AS38999/41

FEDERAL SUPPLY CLASS
5935

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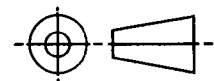
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THIRD ANGLE PROJECTION



PREPARED BY SAE SUBCOMMITTEE AE-8C1

SAE The Engineering Society
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Land Sea Air and Space
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AEROSPACE STANDARD

CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, HIGH DENSITY, QUICK DISCONNECT (BAYONET, THREADED, AND BREECH COUPLING), ENVIRONMENT RESISTANT, REMOVABLE CRIMP AND HERMETIC SOLDER CONTACTS, RECEPTACLE, BOX MOUNTING FLANGE, HERMETIC, BREECH COUPLING, HERMETIC SOLDER CONTACTS, SERIES IV, METRIC

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SHEET 1 OF 3

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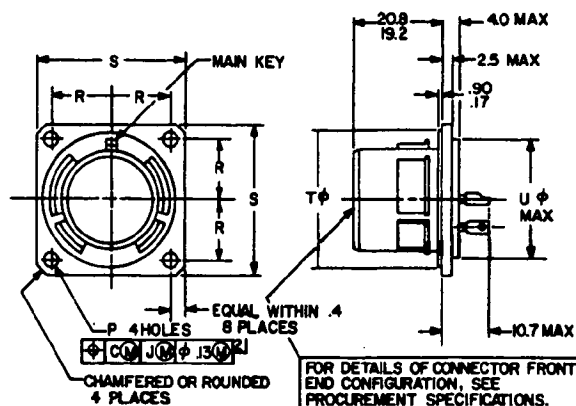
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THE COMPLETE REQUIREMENTS FOR PROCURING THE CONNECTORS DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF SPECIFICATION MIL-C-38999.



SHELL SIZE	SHELL SIZE CODE	P Ø	R BSC	S	T Ø	U Ø MAX
11	B	3.5 3.1	10.31	26.7 25.6	20.15 19.76	15.88
13	C		11.51	29.1 28.0	23.35 22.96	19.05
15	D		12.31	31.5 30.4	26.52 26.13	23.01
17	E		13.49	33.9 32.8	29.72 29.33	25.81
19	F		14.68	37.1 36.0	32.87 32.48	28.98
21	G		15.88	40.2 39.1	36.05 35.66	32.16
23	H	4.0 3.6	17.46	43.4 42.3	39.22 38.83	34.93
25	J		19.05	46.6 45.5	42.40 42.01	37.69

- NOTES: 1. DIMENSIONS ARE IN MILLIMETERS.
2. THE GAGE FEATURES FOR $\boxed{-J-}$ SHALL BE 0.25 MM (.010 IN.) LARGER THAN THE MMC SIZE AT BASIC LOCATION.

FIGURE 1. RECEPTACLE, CLASSES N AND Y.

REQUIREMENTS:

DIMENSIONS AND CONFIGURATIONS: SEE FIGURE 1. INTERFACE DIMENSIONS SHALL CONFORM TO MIL-C-38999.

THIS CONNECTOR MATES WITH: DOD-C-38999/46 AND /47.

MAIN KEY COLOR: BLUE.

FOR INSERT ARRANGEMENTS: SEE MIL-STD-1560.