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AS38999/42

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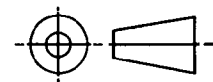
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THIRD ANGLE PROJECTION



ISSUED 1998-08 CANCELLED 2000-09

PREPARED BY SAE SUBCOMMITTEE AE-8C1

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

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, BREECH COUPLING, REMOVABLE CRIMP CONTACTS, SERIES IV, METRIC

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SHEET 1 OF 3

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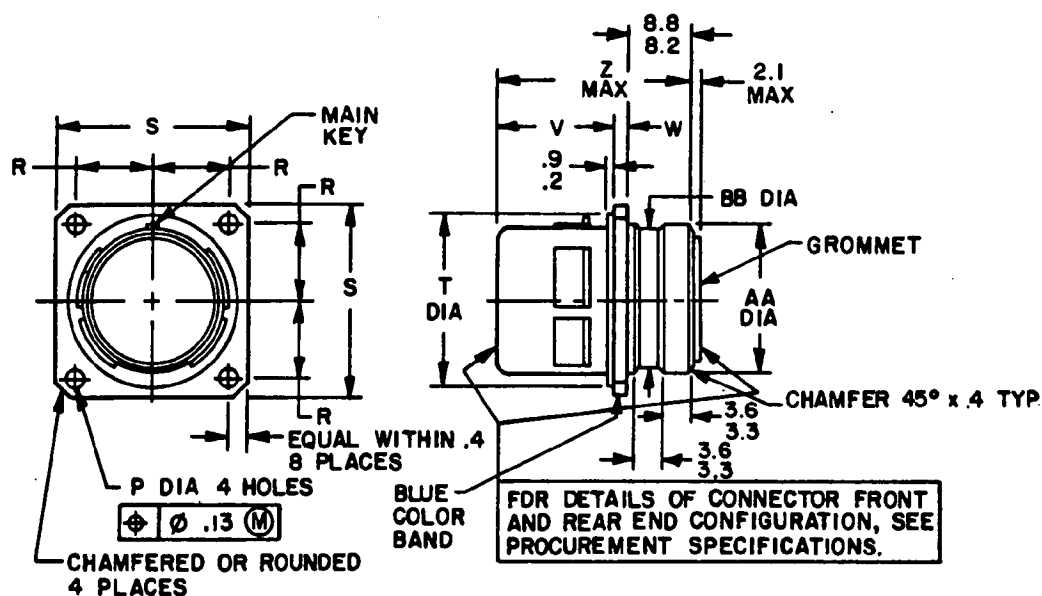
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THE COMPLETE REQUIREMENTS FOR PROCURING THE CONNECTORS DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF SPECIFICATION MIL-C-38999.



Shell Size	Shell Size Code	AA DIA	BB DIA	P DIA	R BSC	S	T DIA	V	W	Z MAX
11	B	14.7 14.3	13.6 13.2	3.5 3.1	10.31	26.7 25.6	20.15 19.76	20.8 19.2	2.6 2.1	32.0
13	C	17.6 17.2	16.5 16.1		11.51	29.1 28.0	23.35 22.96			
15	D	20.8 20.4	19.6 19.2		12.31	31.5 30.4	26.52 26.13			
17	E	24.0 23.6	22.8 22.4		13.49	33.9 32.8	29.72 29.33			
19	F	26.7 26.3	25.5 25.1		14.68	37.1 36.0	32.87 32.48			
21	G	29.8 29.4	28.7 28.3	4.0 3.6	15.88	40.2 39.1	36.05 35.66	3.4 2.9		
23	H	33.0 32.6	31.9 31.5		17.46	43.4 42.3	39.22 38.83			
25	J	36.2 35.8	35.0 34.6		19.05	46.6 45.5	42.40 42.01			

NOTE: Dimensions are in millimeters.

FIGURE 1. RECEPTACLE, CLASSES C, F, AND W.

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.