

AS38999/48

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THIRD ANGLE PROJECTION



ISSUED 1998-08

PREPARED BY SAE SUBCOMMITTEE AE-8C1

SAE The Engineering Society
For Advancing Mobility
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, WELD MOUNTING HERMETIC, BREECH COUPLING, HERMETIC SOLDER CONTACTS, SERIES IV, METRIC

AS38999/48
SHEET 1 OF 3

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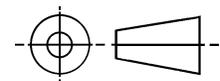
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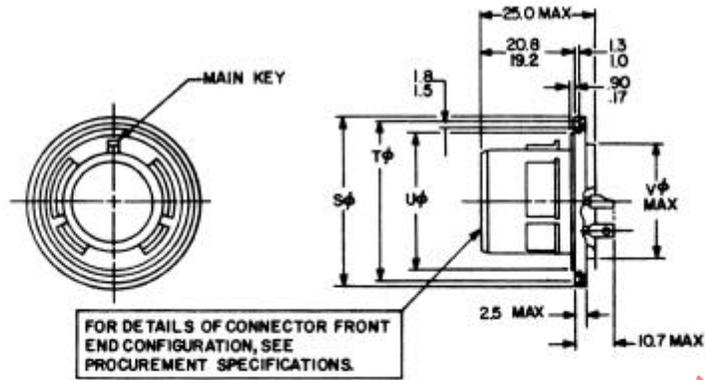
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THE COMPLETE REQUIREMENTS FOR PROCURING THE CONNECTORS DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF SPECIFICATION MIL-C-38999.



SHELL SIZE	SHELL SIZE CODE	Sφ	Tφ	Uφ	Vφ MAX
11	B	28.1 27.8	26.3 26.0	20.15 19.78	15.88
13	C	31.3 31.0	29.5 29.2	23.35 22.96	19.05
15	D	34.5 34.2	32.7 32.4	26.52 26.13	23.01
17	E	36.7 36.4	34.9 34.6	29.72 29.33	25.81
19	F	40.4 40.1	38.6 38.3	32.87 32.48	28.98
21	G	44.0 43.7	42.2 41.9	36.05 35.66	32.16
23	H	48.2 47.9	46.4 46.1	39.22 38.83	34.93
25	J	50.4 50.1	48.6 48.3	42.40 42.01	37.69

NOTE: 1. DIMENSIONS ARE IN MILLIMETERS.

FIGURE 1. RECEPTACLE, CLASSES N AND Y

REQUIREMENTS:

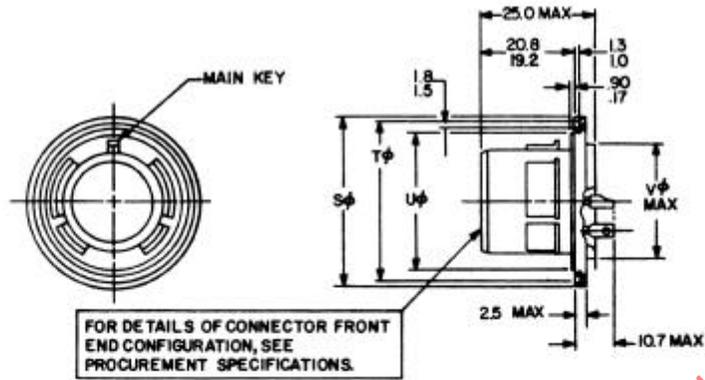
DIMENSIONS AND CONFIGURATIONS: SEE FIGURE 1. INTERFACE DIMENSIONS SHALL CONFORM TO MIL-C-38999.

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

MAIN KEY COLOR: BLUE.

FOR INSERT ARRANGEMENTS: SEE MIL-STD-1560.

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