

REV.
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AS38999/43

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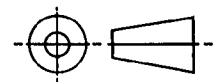
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THIRD ANGLE PROJECTION



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

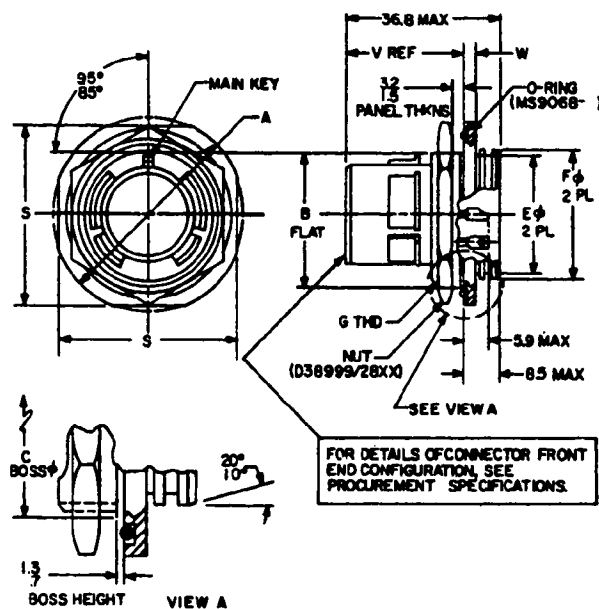
AEROSPACE STANDARD

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

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SHEET 1 OF 3

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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	A	B FLAT	C Ø BOSS	E Ø	F Ø	G THREAD	S	V REF	W	O-RING MS9068-
11	B	35.2 34.6	19.17 18.92	20.70 20.40	18.6 18.2	19.8 19.3	M20x1-6g 0,100R	32.2 31.3	28.4 27.5	3.0 2.4	022
13	C	38.4 37.8	23.92 23.67	25.50 25.20	21.8 21.3	23.1 22.6	M25x	35.4 34.5			024
15	D	41.6 41.0	27.07 26.82	28.60 28.30	25.0 24.6	26.3 25.8	M28x	38.6 37.7			026
17	E	44.8 44.2	30.25 30.00	31.98 MAX	28.2 27.7	29.4 28.9	M32x2/	41.7 40.8			028
19	F	49.5 48.9	33.44 33.17	35.15 MAX	31.4 31.0	32.6 32.1	M35x	46.5 45.6		3.8 3.2	128
21	G	52.7 52.1	36.62 36.35	38.28 MAX	34.5 34.1	35.8 35.3	M38x	49.7 48.8			130
23	H	55.9 55.3	39.75 39.52	41.30 41.00	37.7 37.3	39.0 38.5	M41x	52.8 51.9			132
25	J	59.1 58.4	42.98 42.70	44.50 44.20	40.9 40.5	42.1 41.6	M44x1-6g 0,100R	56.0 55.1			134

NOTES: 1. DIMENSIONS ARE IN MILLIMETERS.
2/ MODIFIED MAJOR DIA: 31.80-31.95

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.