

AS38999/44

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THIRD ANGLE PROJECTION



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AEROSPACE STANDARD

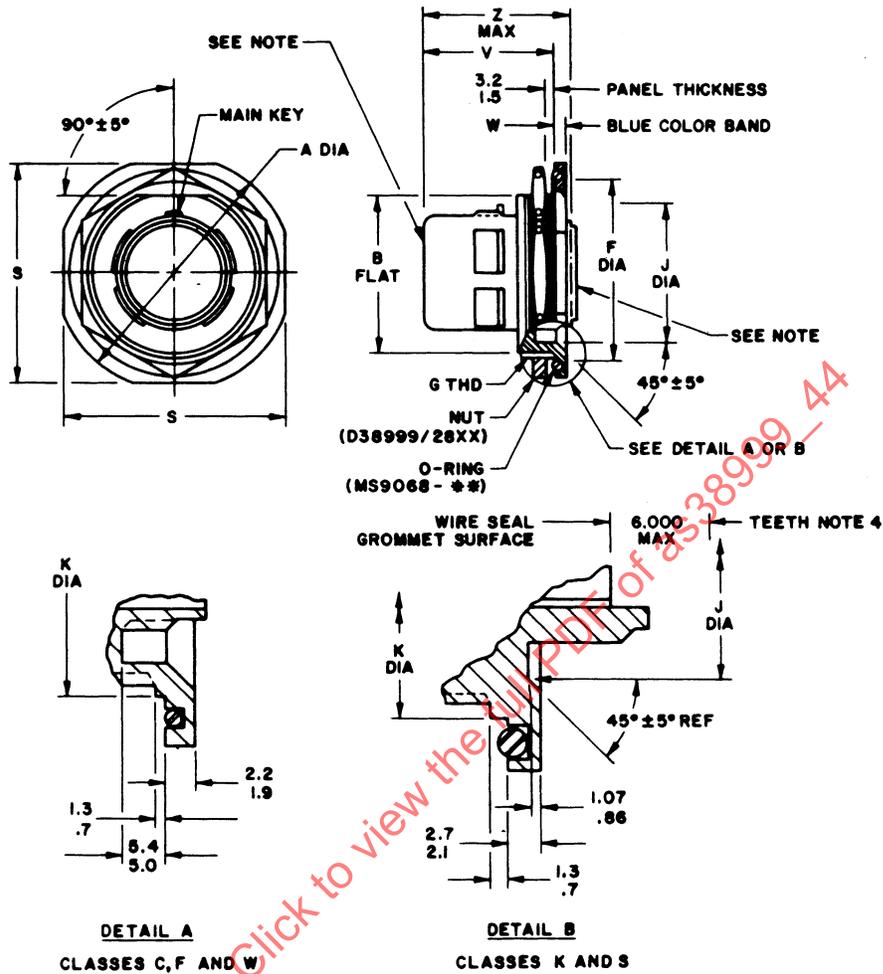
CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, HIGH DENSITY, QUICK DISCONNECT (BAYONET, THREADED, AND BREECH COUPLING), ENVIRONMENT RESISTANT, REMOVABLE CRIMP AND HERMETIC SOLDER CONTACTS, RECEPTACLE, JAM-NUT MOUNTING, BREECH COUPLING, REMOVABLE CRIMP CONTACTS, SERIES IV, METRIC

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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.



NOTE: FOR DETAILS OF CONNECTOR FRONT AND REAR END CONFIGURATION, SEE PROCUREMENT SPECIFICATIONS.

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

Shell Size	Shell Size Code	A Dia	B Flat	F Dia	G Thread Plated	J Dia	K Dia	S	V	W	Z Max Note 2	Z Max Note 3	Recommended Packing (O-Ring)
11	B	38.6 37.6	23.93 23.74	27.84 27.55	M25X1-6g 0.1R	20.42 20.17	25.40 25.15	35.4 34.4					MS9068-24
13	C	41.7 40.7	27.08 26.89	31.02 30.73	M28X1-6g 0.1R	23.57 23.32	28.58 28.33	38.6 37.6					MS9068-26
15	D	44.9 43.9	30.26 30.07	34.19 33.90	M31X1-6g 0.1R	26.56 26.31	31.75 31.50	41.7 40.7					MS9068-28
17	E	49.7 48.7	33.56 33.37	37.67 37.38	M34X1-6g 0.1R	30.02 29.77	34.92 34.67	45.7 44.7	28.4 27.5	2.7 1.9	32.0	39.5	MS9068-29
19	F	51.7 50.7	36.61 36.42	40.85 40.56	M38X1-6g 0.1R	32.91 32.66	38.10 37.85	48.5 47.5					MS9068-30
21	G	54.8 53.8	39.78 39.59	44.02 43.73	M41X1-6g 0.1R	36.11 35.86	41.28 41.03	51.7 50.7					MS9068-31
23	H	58.0 57.0	42.96 42.77	47.20 46.91	M44X1-6g 0.1R	39.26 39.01	44.45 44.20	54.8 53.8					MS9068-32
25	J	61.2 60.2	46.13 45.94	50.37 50.08	M47X1-6g 0.1R	42.46 42.21	47.63 47.38	58.0 57.0					MS9068-33

FIGURE 1. RECEPTACLE, CLASSES C, F, K, S AND W (CONTINUED).

- NOTE:
1. Dimensions are in millimeters.
 2. Classes C, F and W.
 3. Classes K and S.
 4. Insert can be recessed a max of 6.00 mm back of teeth.