

AS29600/6

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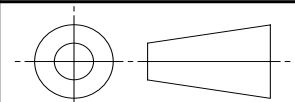
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THIRD ANGLE PROJECTION



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AEROSPACE STANDARD

CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, COMPOSITE,
HIGH DENSITY, QUICK COUPLING, ENVIRONMENTAL RESISTANT,
REMOVABLE CRIMP CONTACTS, STOWAGE RECEPTACLE (SERIES B)

AS29600/6
SHEET 1 OF 4

ISSUED 2004-04 REAFFIRMED 2009-08

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THE COMPLETE REQUIREMENTS FOR ACQUIRING THE STOWAGE RECEPTACLES DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST REVISION OF MIL-C-29600.

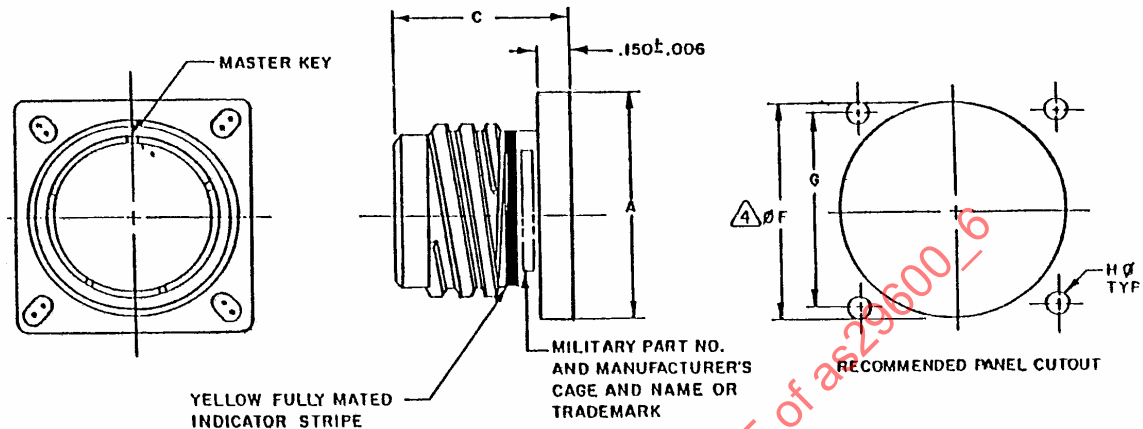


FIGURE 1. DUMMY STOWAGE RECEPTACLE.

NOTES:

1. Dimensions are in inches unless otherwise specified.
2. Metric equivalents are based on 1 inch = 25.4 mm.
3. See MIL-C-29600 for interface dimensions.
4. Ø F applies only for back panel mounting.

TABLE I. DIMENSIONS.

SHELL SIZE	SHELL SIZE LETTER CODE 1/	A $\pm .010$	C MAX.	F $\pm .010$	G $\pm .005$	H TYP +.005 -.002
08-09	A-B	.939	1.010	.656	.719	.128
10-11	C-D	1.034	1.010	.781	.812	.128
--- 13	F	1.131	1.010	.907	.906	.128
14-15	G-H	1.225	1.010	1.031	.969	.128
16-17	J-K	1.318	1.010	1.218	1.062	.128
18-19	M-N	1.568	1.010	1.405	1.250	.128
20-21	P-R	1.694	1.001	1.530	1.375	.154
22-23	S-T	1.814	1.001	1.655	1.500	.154
24-25	U-V	1.814	1.001	1.718	1.500	.154

1/ SEE MIL-C-29600 TABLE VI.

INCHES	MM	INCHES	MM	INCHES	MM
.128	3.251	1.001	25.425	1.375	34.925
.154	3.921	1.010	25.654	1.405	35.687
.656	16.662	1.031	26.187	1.500	38.100
.719	18.263	1.034	26.264	1.530	38.862
.781	19.837	1.062	26.975	1.568	39.827
.821	20.853	1.131	28.727	1.655	42.037
.906	23.012	1.218	30.937	1.694	43.028
.907	23.038	1.225	31.115	1.718	43.637
.939	23.851	1.250	31.750	1.814	46.076
.969	24.613	1.318	33.477		

TABLE II. QUALIFICATION.

INSPECTION	MIL-C-29600 REQUIREMENT PARAGRAPH	MIL-C-29600 TEST PARAGRAPH
EXAMINATION OF PRODUCT	3.1 THRU 3.5, 3.41 AND 3.42	4.6.1
EXTERNAL BENDING MOMENT	3.17	4.6.12
VIBRATION	3.22	4.6.17
SHOCK	3.23	4.6.18
COUPLING TORQUE	3.9	4.6.4
SALT SPRAY (2000 HOURS)	3.15	4.6.10.1
PLATING ADHESION	3.37	4.6.32
IMPACT	3.38	4.6.33
TEMPERATURE CYCLING	3.8	4.6.3
AIR LEAKAGE	MIL-C-29600/6	MIL-C-29600/6
EXAMINATION OF PRODUCT	3.1 THRU 3.5, 3.41 AND 3.42	4.6.1