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AS29600/2

FEDERAL SUPPLY CLASS
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AEROSPACE STANDARD

CONNECTOR, ELECTRICAL, CIRCULAR, MINIATURE, COMPOSITE, HIGH DENSITY, QUICK COUPLING, ENVIRONMENT RESISTANT, REMOVABLE CRIMP CONTACTS, BACKSHELL, SHIELD TERMINATING, (SERIES A AND B)

AS29600/2
SHEET 1 OF 6

ISSUED 1998-01 REAFFIRMED 2009-06

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

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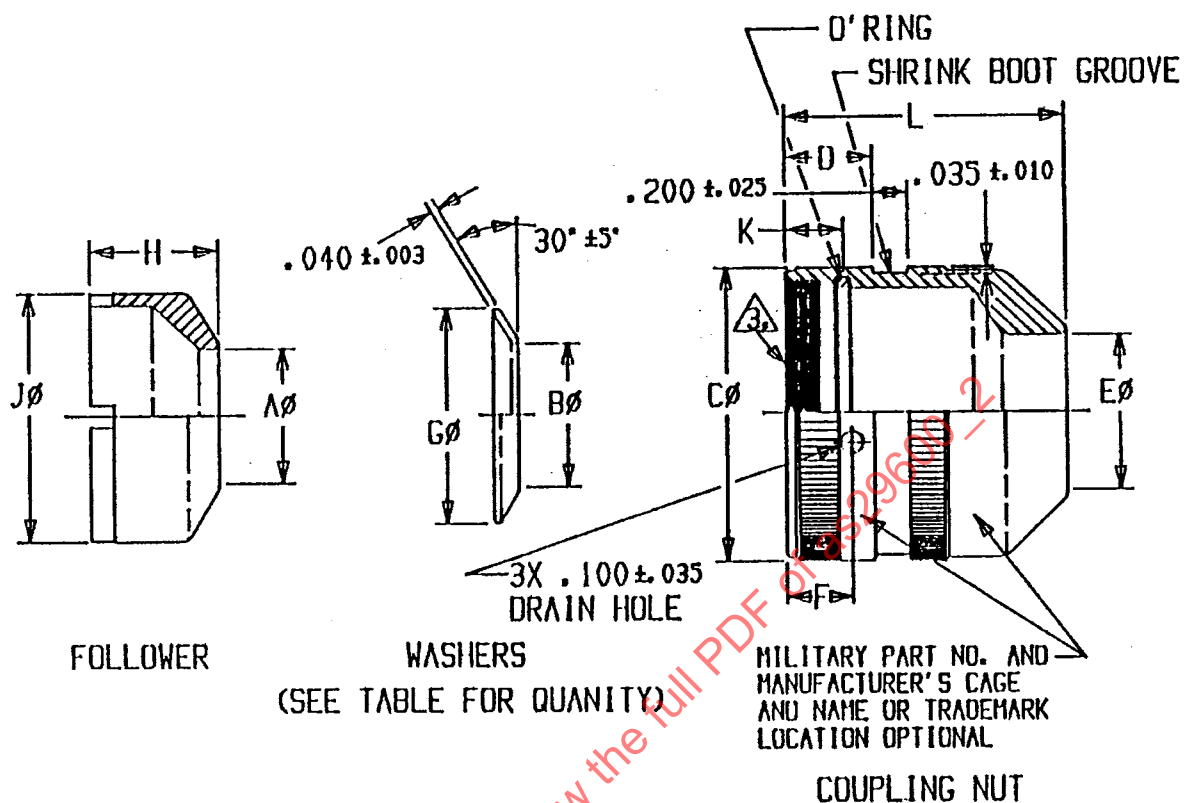


FIGURE 1. BACKSHELL, STRAIGHT, SHIELD TERMINATING, ENVIRONMENTAL.

NOTES:

1. Dimensions are in inches unless otherwise specified.
2. Metric equivalents are based upon 1 inch = 25.4 mm.
3. See MIL-C-29600 for interface dimensions.

SHELL SIZE	G ±.010	H REF.	Jø ±.009
08/09	.354	.579	.406
10/11	.479	.593	.531
13	.606	.590	.656
14/15	.729	.620	.781
16/17	.854	.638	.906
18/19	.979	.642	1.031
20/21	.979	.670	1.156
22/23	1.219	.687	1.281
24/25	1.219	.692	1.406

TABLE I. DIMENSIONS.

CONNECTOR TYPE	SHELL SIZE	A ±.010 OVER WIRE BUNDLE	B ±.010 OVER GROSS SHIELD	NUMBER OF WASHERS	C MAX.	D ±.010	E ±.010 OVER CABLE JACKET	L ±.015	K MAX	MS9068 DASH NO.
MIL-C-29600 SERIES B	8	.156	.203	3	.661	.400	.265	1.193	.280	-013
	10	.234	.265		.789		.296			-015
	14	.390	.437		1.044		.500			-019
	16	.453	.515		1.171		.562			-021
	18	.562	.640		1.282	.410	.671			-023
	20	.593	.640		1.410	.475	.703	1.513	.318	-025
	22	.656	.812		1.537		.750			-027
	24	.765	.812		1.668		.875			SEE FIG. 2
MIL-C-29600 SERIES A	9	.156	.203	4	.661	.400	.265	1.193	.218	-013
	11	.234	.265		.789		.296			-015
	13	.387	.415		.916		.451			-017
	15	.390	.437		1.044		.500			-019
	17	.453	.515		1.171	.410	.562			-021
	19	.562	.640		1.282		.671			-023
	21	.593	.640		1.410		.703	1.513	.254	-025
	23	.656	.812		1.537		.750			-027
	25	.765	.812		1.668		.875			SEE FIG. 2

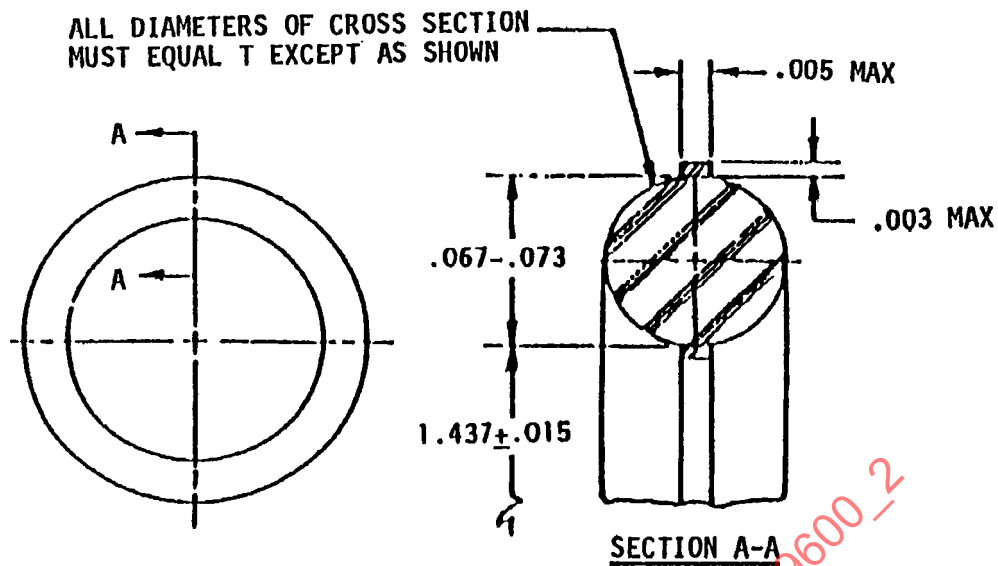


FIGURE 2

INCHES	MM	INCHES	MM	INCHES	MM
.003	0.076	.437	11.10	.729	18.52
.009	0.229	.451	11.46	.750	19.05
.010	0.254	.453	11.51	.765	19.43
.012	0.305	.475	12.07	.781	19.84
.015	0.381	.479	12.17	.789	20.04
.025	0.635	.500	12.70	.812	20.62
.035	0.889	.515	13.08	.854	21.69
.040	1.016	.531	13.49	.875	22.23
.156	3.962	.562	14.27	.906	23.01
.200	5.080	.579	14.71	.916	23.27
.203	5.156	.590	14.99	.979	24.87
.218	5.537	.593	15.06	1.031	26.19
.234	5.944	.606	15.39	1.044	26.52
.254	6.452	.620	15.75	1.156	29.36
.265	6.731	.638	16.21	1.171	29.74
.280	7.112	.640	16.26	1.193	30.30
.296	7.518	.642	16.31	1.219	30.96
.318	8.077	.656	16.66	1.281	32.54
.354	8.992	.661	16.79	1.282	32.56
.387	9.830	.670	17.02	1.406	35.71
.390	9.906	.671	17.04	1.410	35.81
.400	10.16	.687	17.45	1.513	38.43
.406	10.31	.692	17.58	1.537	39.04
.410	10.41	.703	17.86	1.668	42.37
.415	10.54				