FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO REMOVE ALL GOVERNMENT/WORD-FOR-WORD CONVERSION INFORMATION, TO IMPROVE DRAWING LEGIBILITY, TO CORRECT ALL DOCUMENT REFERENCES, TO ADD METRIC EQUIVALENTS, AND TO UPDATE DOCUMENT TO LATEST SAE FORMAT GUIDELINES.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS29600.

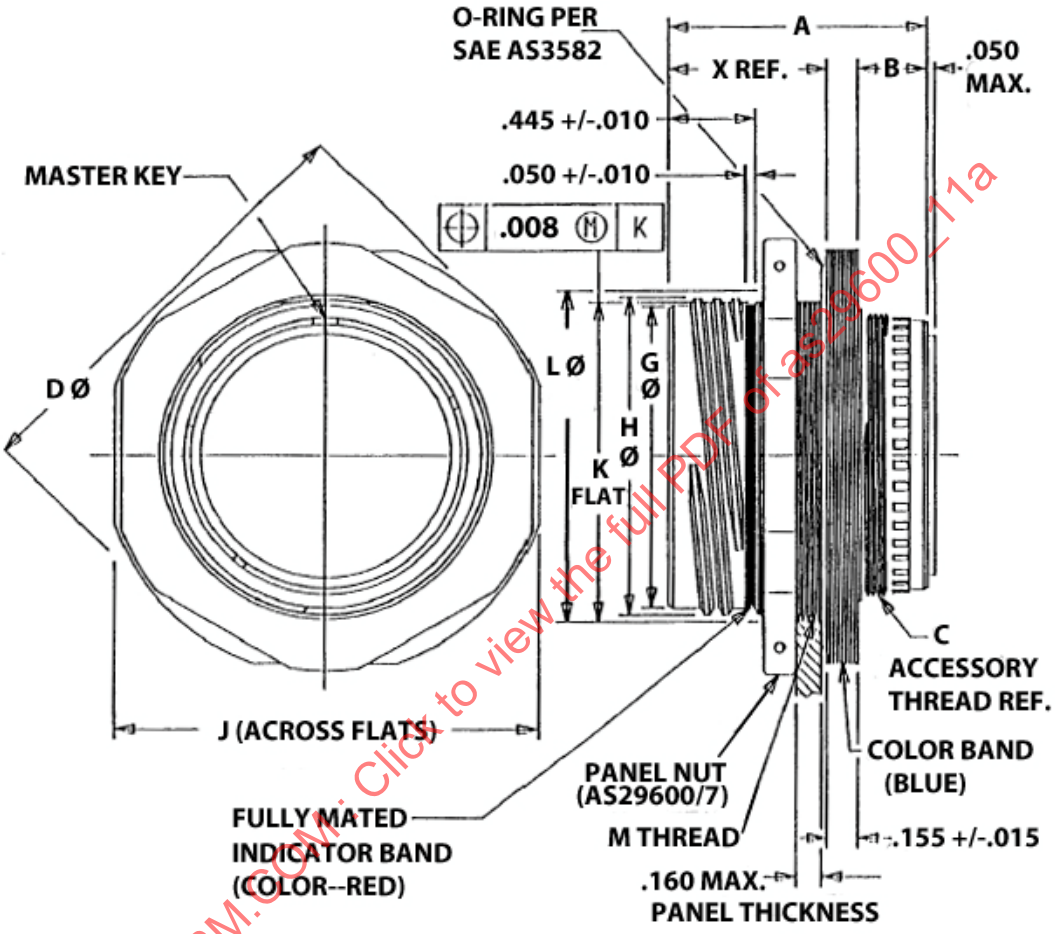
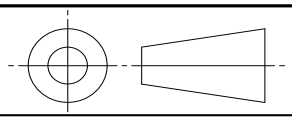


FIGURE 1 NOTES: K DATUM IS IDENTIFIED ON FIGURE 3 OF AS29600
L DIAMETER IS THE MAXIMUM JAM NUT THREAD DIAMETER

FIGURE 1 - COMPOSITE CONNECTOR CONFIGURATION

THIRD ANGLE PROJECTION



ISSUED 2004-04 REAFFIRMED 2009-08 REVISED 2014-12

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PROCUREMENT SPECIFICATION: AS29600

SAE INTERNATIONAL

AEROSPACE STANDARD

(R) CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, COMPOSITE, HIGH DENSITY, QUICK COUPLING, ENVIRONMENT RESISTANT, REMOVABLE CRIMP CONTACTS, RECEPTACLE, JAM NUT (SERIES A)

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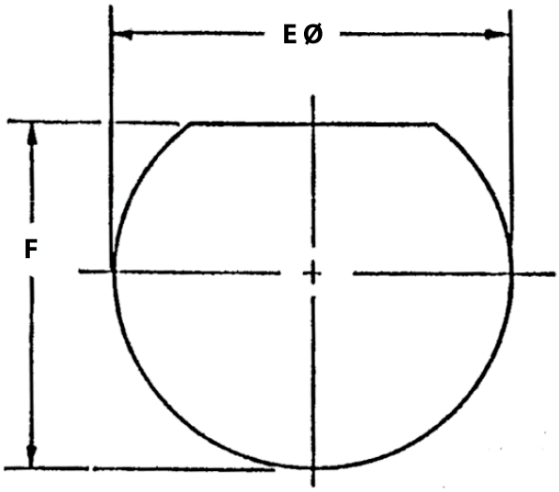

FIGURE 2 - RECOMMENDED PANEL CUTOUT

TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.008	0.203	.015	0.381	.155	3.94	.445	11.30
.010	0.254	.050	1.27	.160	4.06		

TABLE 2 - FIGURE 1 AND 2 DIMENSIONS

SHELL SIZE	A ±.010 (0.254)	B ±.010 (0.254)	C THREAD REF.	DØ ±.011 (0.279)	GØ REF	X REF	E +.010 (0.254) –.000 (0.000)	F +.000 (0.000) –.010 (0.254)	HØ MAX
9	1.273 (32.33)	.296 (7.52)	.500-28	1.189 (30.20)	.565 (14.35)	.827 (21.01)	.697 (17.70)	.669 (16.99)	.628 (15.95)
11			.625-28	1.374 (34.90)	.688 (17.48)		.822 (20.88)	.769 (19.53)	.753 (19.13)
13			.750-28	1.500 (38.10)	.814 (20.68)		1.007 (25.58)	.955 (24.26)	.878 (22.30)
15			.875-28	1.626 (41.30)	.938 (23.83)		1.134 (28.80)	1.084 (27.53)	1.003 (25.48)
17			1.000-28	1.752 (44.50)	1.109 (28.17)		1.259 (31.98)	1.208 (30.68)	1.190 (30.23)
19		.287 (7.29)	1.125-28	2.063 (52.40)	1.297 (32.94)		1.507 (38.28)	1.459 (37.06)	1.378 (35.00)
21		.296 (7.52)	1.250-28	2.189 (55.60)	1.422 (36.12)	.818 (20.78)	1.634 (41.50)	1.584 (40.23)	1.503 (38.18)
23			1.375-28	2.311 (58.70)	1.547 (39.29)		1.759 (44.68)	1.709 (43.41)	1.628 (41.35)
25			1.500-28		1.609 (40.87)				1.690 (42.93)

TABLE 2A - FIGURE 1 AND 2 DIMENSIONS (CONTINUED)

SHELL SIZE	J ±.010 (0.254)	K MAX	LØ MAX	M THREAD	AS3582 DASH NO.	TORQUE VALUES (IN/LB)
9	1.063 (27.00)	.655 (16.64)	.691 (17.55)	M17X1.0-0.100R	-019	60
11	1.252 (31.80)	.755 (19.18)	.817 (20.75)	M20 X1.0-0.100R	-022	73
13	1.374 (34.90)	.942 (23.93)	1.006 (25.55)	M25 X1.0-0.100R	-024	100
15	1.500 (38.10)	1.066 (27.08)	1.128 (28.65)	M28 X1.0-0.100R	-026	113
17	1.626 (41.30)	1.192 (30.28)	1.263 (32.08)	M32 X1.0-0.100R	-028	153
19	1.937 (49.20)	1.442 (36.63)	1.499 (38.07)	M38 X1.0-0.100R	-130	187
21	2.063 (52.40)	1.566 (39.78)	1.628 (41.35)	M41 X1.0-0.100R	-132	213
23	2.189 (55.60)	1.692 (42.98)	1.754 (44.55)	M44 X1.0-0.100R	-134	233
25				M44 X1.0-0.100R	-134	250