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REV.
A

AS29600™/10

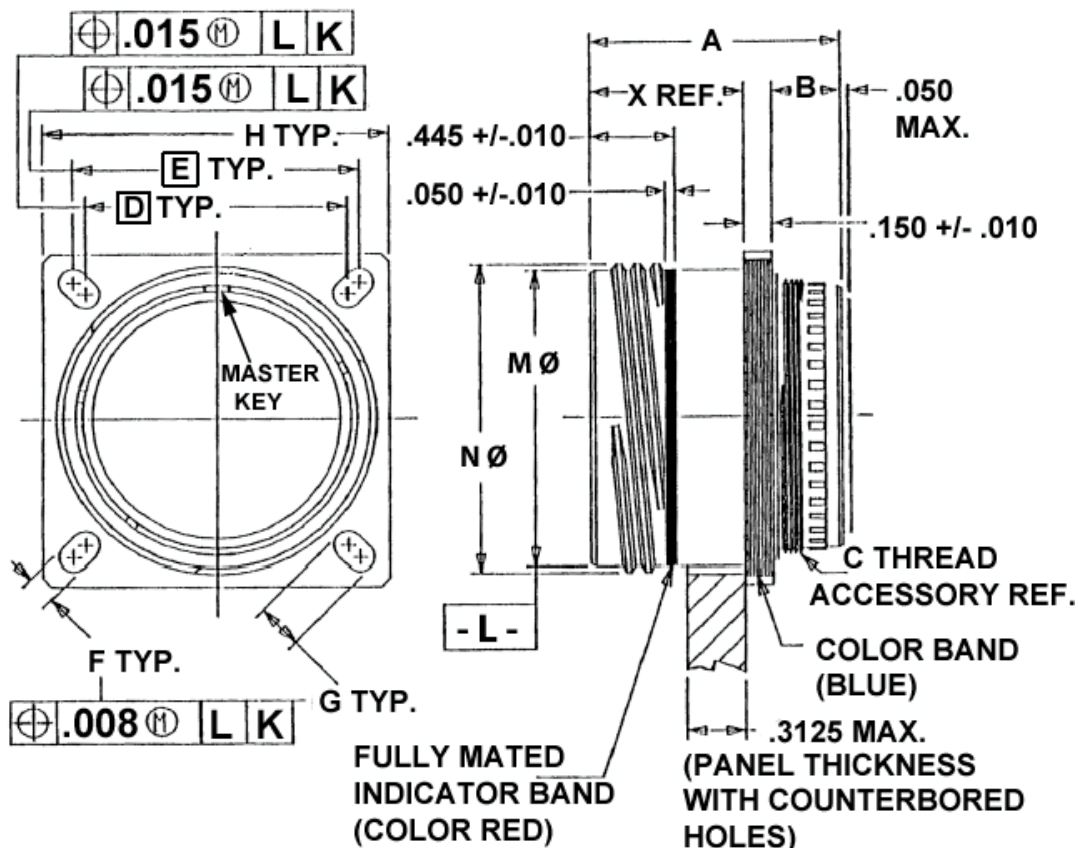
FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO REMOVE ALL GOVERNMENT/WORD-FOR-WORD CONVERSION INFORMATION, 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.

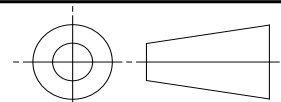


NOTE - THE K DATUM IS IDENTIFIED ON FIGURE 3 OF AS29600.

FIGURE 1 - COMPOSITE CONNECTOR CONFIGURATION

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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS29600



AEROSPACE STANDARD

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

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SHEET 1 OF 2

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Documents

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TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.008	0.203	.015	0.381	.150	3.81	.445	11.30
.010	0.254	.050	1.27	.3125	7.94		

TABLE 2 - FIGURE 1 DIMENSIONS

SHELL SIZE	A ±.010 (0.254)	B ±.010 (0.254)	C THREAD REF	D BSC	E BSC	F +.004 (0.102) -.002 (0.051)	G +.004 (0.102) -.002 (0.051)
9	1.273 (32.33)	.296 (7.52)	.500-28	.594 (15.09)	.719 (18.26)	.128 (3.25)	.216 (5.49)
11			.625-28	.719 (18.26)	.812 (20.62)		.194 (4.93)
13			.750-28	.812 (20.62)	.906 (23.01)		.173 (4.39)
15			.875-28	.906 (23.01)	.969 (24.61)		.194 (4.93)
17			1.000-28	.969 (24.61)	1.062 (26.97)		
19			1.125-28	1.156 (29.36)	1.250 (31.75)		
21		.305 (7.75)	1.250-28	1.250 (31.75)	1.375 (34.93)	.154 (3.91)	.242 (6.15)
23			1.375-28	1.375 (34.93)	1.500 (38.10)		
25			1.500-28				

TABLE 2A - FIGURE 1 DIMENSIONS (CONTINUED)

SHELL SIZE	H TYP. ±.015 (0.381)	M Ø REF.	N Ø MAX.	X REF.
9	.939 (23.85)	.565 (14.35)	.628 (15.95)	.827 (21.01)
11	1.034 (26.26)	.688 (17.48)	.753 (19.13)	
13	1.131 (28.73)	.814 (20.68)	.873 (22.17)	
15	1.225 (31.12)	.938 (23.83)	1.003 (25.48)	
17	1.318 (33.48)	1.109 (28.17)	1.190 (30.23)	
19	1.568 (39.83)	1.297 (32.94)	1.378 (35.00)	
21	1.694 (43.03)	1.422 (36.12)	1.503 (38.18)	.818 (20.78)
23	1.814 (46.08)	1.547 (39.29)	1.628 (41.35)	
25		1.609 (40.87)	1.690 (42.93)	

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS29600.

DESIGN: CONNECTORS SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 2. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING. METRIC EQUIVALENTS ARE GIVEN FOR INFORMATION PURPOSES ONLY AND ARE BASED ON 1 INCH = 25.4 MM.

MATING PLUG: AS29600/12.

EXAMPLE OF PART NUMBER:

<u>M29600</u>	<u>/10</u>	<u>R</u>	<u>B</u>	<u>19</u>	<u>P</u>	<u>1</u>
BASE SPECIFICATION	DETAIL SHEET	CLASS	SHELL SIZE <u>1</u> / <u>1</u>	INSERT ARRANGEMENT	CONTACT STYLE	POLARIZATION

1/ SEE TABLE 7 OF AS29600 FOR ADDITIONAL SHELL SIZE INFORMATION.

SPECIFICATION NOTES:

A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	AEROSPACE STANDARD	AS29600™/10 SHEET 2 OF 2 Documents	REV. A
	(R) CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, COMPOSITE, HIGH DENSITY, QUICK COUPLING, ENVIRONMENT RESISTANT, REMOVABLE CRIMP CONTACTS, RECEPTACLE, FLANGED (SERIES A)		



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