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REV.
B

AS34011™

FEDERAL SUPPLY CLASS
5935

RATIONALE

REMOVE STABILIZATION AND ADD LIMITED USE OF TIN/ZINC FINISH CLASS PER THE COMMITTEE DECISION. EDITORIAL CORRECTIONS AND RECREATION OF TABLES FROM THE ORIGINAL MILITARY SPECIFICATION. REPLACED CANCELED SPECIFICATION NUMBERS. REMOVED EXCEPTION TO QPL - QUALIFICATION IS REQUIRED FOR THIS PART.

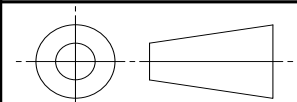
NOTICE

MILITARY AND/OR GOVERNMENT AGENCIES LISTED HEREIN ARE THOSE OF THE UNITED STATES. FOR OTHER LOCATIONS, USERS OF THIS SPECIFICATION ARE ADVISED TO CONSULT THEIR LOCAL REGULATIONS FOR COMPLIANCE.

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS50151.

For more information on this standard, visit
<https://www.sae.org/standards/content/AS34011B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS50151



AEROSPACE STANDARD

(R) CONNECTORS, RECEPTACLE, ELECTRIC,
CABLE CONNECTING, FRONT RELEASE,
CRIMP CONTACT, AN TYPE

AS34011™
SHEET 1 OF 7

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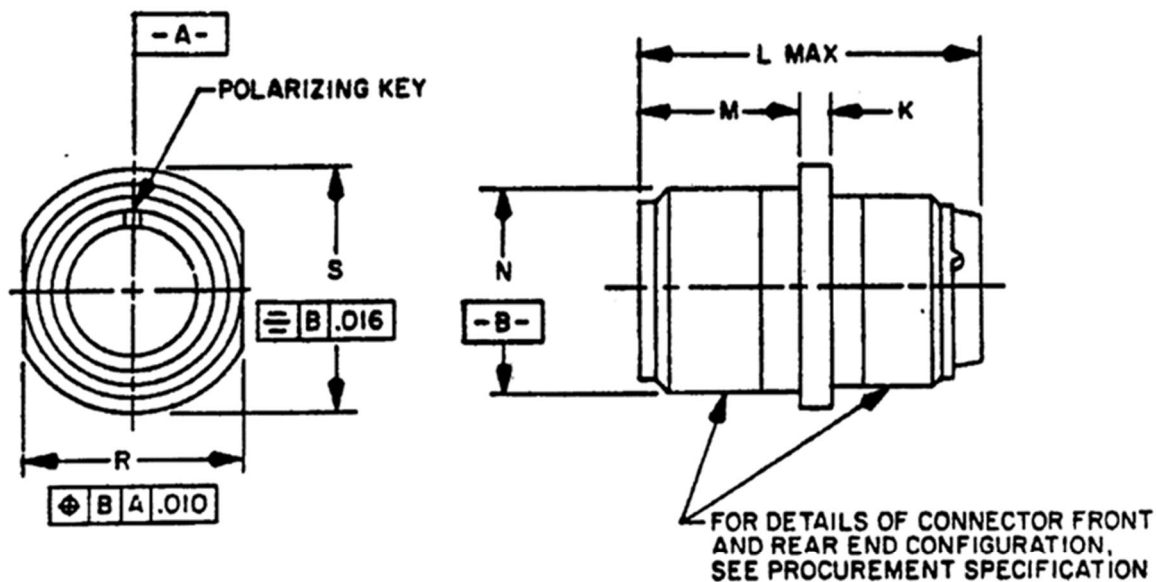
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CLASSES D, DV, L, U, W ENVIRONMENT RESISTANT

CLASS R CANCELED AFTER 10 OCT 71

CLASSES K AND Y CANCELED AFTER 18 FEB 72

CLASSES L, U, AND W INACTIVE FOR DESIGN AFTER 23 MAR 76

FIGURE 1 - CONNECTOR CONFIGURATION AND DIMENSIONS

NOTES:

1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCES: ± 0.016 .
3. DIMENSIONING AND TOLERANCING: ASME Y14.5.
4. AS50151 CRIMP CONTACT, FRONT AND REAR RELEASE CONNECTORS, AND SOLDER CONTACT CONNECTORS ARE INTERMATEABLE.
5. UNLESS OTHERWISE SHOWN, CORRESPONDING FEATURES OF PIN AND SOCKET CONTACT CONNECTORS ARE IDENTICAL.
6. FOR INSERT ARRANGEMENTS, REFER TO MIL-STD-1651.
7. FOR DESIGN FEATURE PURPOSES, THIS SPECIFICATION TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. REFERENCED DOCUMENTS ARE THE ISSUES IN EFFECT ON DATE OF INVITATIONS FOR BID.
9. PROCUREMENT SPECIFICATION: AS50151, EXCEPT AS SPECIFIED IN THIS STANDARD. PRODUCT MANUFACTURED TO THIS STANDARD SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER AS LISTED IN THE QUALIFIED PRODUCTS LIST (QPL-SIS) UNDER QPL-AS50151-**-SIS FOR THIS STANDARD. CURRENT ONLINE QPL IS AT <https://www.navair.navy.mil/qpl/>.
10. CLASS DV IS NOT APPROVED FOR NAVAIR USE.

	AEROSPACE STANDARD		AS34011™ SHEET 2 OF 7	REV. B
	(R) CONNECTORS, RECEPTACLE, ELECTRIC, CABLE CONNECTING, FRONT RELEASE, CRIMP CONTACT, AN TYPE			



Documents

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TABLE 1 - CONNECTOR CONFIGURATION AND DIMENSIONS

SIZE	K ± .015	L MAX		M +.031 -.000	N +.000 -.062	R	S ± .031
		SIZE 16 & 12 CONTACTS	SIZE 8, 4 & 0 CONTACTS				
8S	.083	2.031	N/A	.562	.532	.504 .496	.729
10S					.656	.629 .621	.854
10SL						.629 .621	
12S					.782	.754 .746	.974
12		2.125		.750		.754 .746	
14S		2.031		.562	.906	.879 .871	1.099
14		2.125		.750		.879 .871	
16S		2.031		.562	1.032	1.005 .996	1.224
16	.125	2.125	2.500	.750		1.005 .996	
18					1.156	1.131 1.121	1.349
20					1.282	1.256 1.246	1.474
22					1.406	1.381 1.371	1.599
24				.812	1.532	1.506 1.496	1.715
28					1.782	1.756 1.746	1.974
32				.875	2.032	2.007 1.996	2.224
36					2.282	2.257 2.246	2.474
40					2.532	2.511 2.496	2.724
44					2.782	2.761 2.746	2.974
48	3.032	3.011 2.996	3.224				

EXAMPLE OF PART NO.: MS3401D 28-11PY

MS3401	D		28	-	11	P	Y
BASIC PART NUMBER	CLASS D, DV, L, U, W	MATERIAL DESIGNATOR S - STAINLESS STEEL, LEAVE BLANK FOR ALUMINUM ALLOY.	SHELL SIZE	INSERT ARRANGEMENT	CONTACT DESIGNATOR	ALTERNATE INSERT POSITION W, X, Y, OR Z. - LEAVE BLANK FOR NORMAL POSITION.	

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