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REV.
A

AS34511™

FEDERAL SUPPLY CLASS
5935

RATIONALE

AS34511A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

THE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS50151.

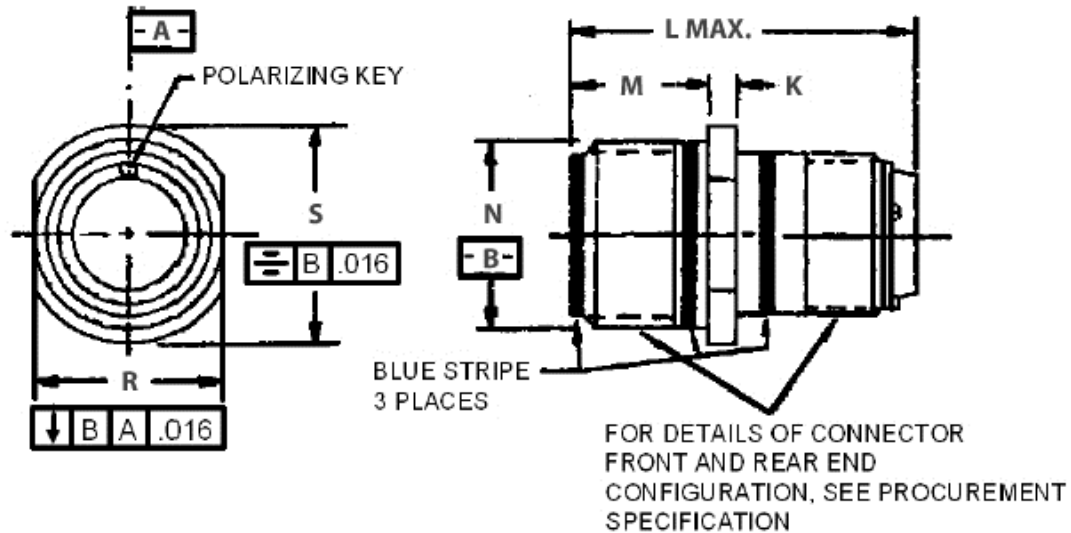
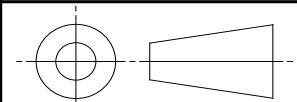


FIGURE 1 – CONNECTOR CONFIGURATION (CLASSES L,U & W ENVIRONMENT RESISTANT)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS34511A>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS50151



AEROSPACE STANDARD

CONNECTORS, RECEPTACLE, ELECTRIC,
CABLE CONNECTING, REAR RELEASE,
CRIMP CONTACT, AN TYPE

AS34511™
SHEET 1 OF 3

REV.
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TABLE 1 - DIMENSIONS

SIZE	K ±.015	L MAX.		M +.031 -.000	N +.000 -.062	R	S ±.031
		SIZE 16 & 12 CONT'S	SIZE 8, 4 & 0 CONT'S				
8S	.083	2.031	N/A	.562	.532	.504 .496	.729
10S					.656	.629 .621	.854
10SL						.629 .621	
12S						.754 .746	
12		2.125		.750	.782	.754 .746	.974
14S		2.031		.562	.906	.879 .871	1.099
14		2.125		.750		.879 .871	
16S		2.031		.562		1.005 .996	
16	.125	2.125	2.500	.750	1.032	1.005 .996	1.224
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

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS50151.

1. DESIGN:

CONNECTORS SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 1. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.016. DIMENSIONS AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI/ASME Y14.5M-1994. AS50151 CRIMP CONTACT, FRONT AND REAR RELEASE CONNECTORS AND SOLDER CONTACT CONNECTORS ARE INTERMATEABLE. UNLESS OTHERWISE SHOWN, CORRESPONDING FEATURES OF PIN AND SOCKET CONTACT CONNECTORS ARE IDENTICAL.

2. FOR INSERT ARRANGEMENTS SEE MIL-STD-1651.

	AEROSPACE STANDARD	AS34511™ SHEET 2 OF 3	REV. A
	CONNECTORS, RECEPTACLE, ELECTRIC, CABLE CONNECTING, REAR RELEASE, CRIMP CONTACT, AN TYPE		



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