

REV.
B

SAE AS34021

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISE TO CORRECT ERRORS IN THE DIMENSIONAL TABLE, UPDATE REFERENCES, ALIGN SPECIFICATION WITH SAE GUIDELINES, AND REVIEW SPECIFICATION FOR KNOWN TECHNICAL PROBLEMS.

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

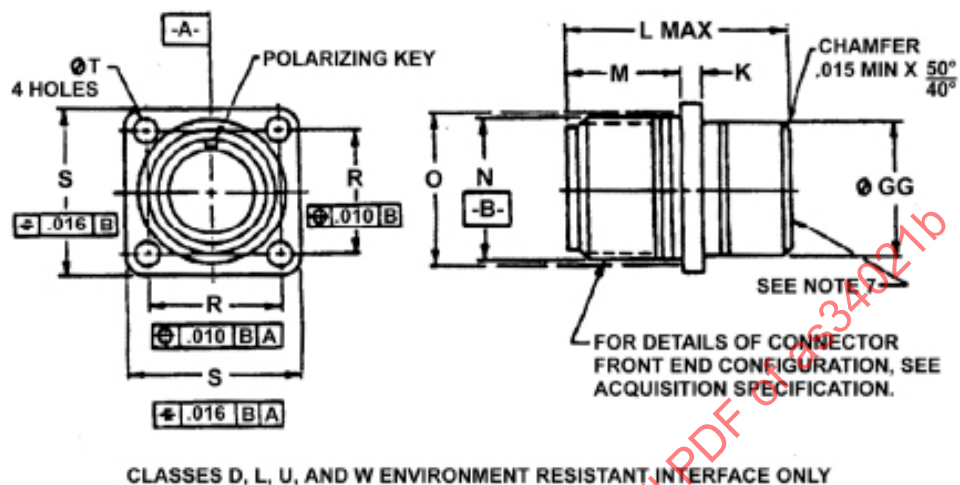


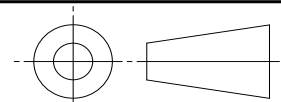
FIGURE 1 – CONNECTOR CONFIGURATION AND DIMENSIONS

TABLE 1 – DIMENSIONS

SIZE	DIA. GG ± 0.15	K ± .015	L MAX		M +.031 -.001	N +.000 -.002	O (REF) MTG HOLES	R ℓ - ℓ	S ± .031	T +.010 -.005
			SIZE 16 AND 12 CONTACTS	SIZE 8, 4, AND 0 CONTACTS						
8S	.500	.083	1.662	N/A	.562	.532	.562	.594	.875	.120
10S	.625					.656	.688	.719	1.000	
10SL						.750	.782	.812	.812	
12S	.562						.906	.938	.906	
12	.875				.750	1.032	1.062	.969	1.281	
14S					.562					
14	1.000				.750	1.156	1.188	1.062	1.375	
16S	1.25				1.937	.750	1.282	1.312	1.156	
16		1.406		1.438			1.250	1.625		
18		1.062		1.532			1.562	1.375	1.750	
20		1.187		1.782			1.812	1.562	2.000	
22		1.312		.812		2.032	2.062	1.750	2.250	
24		1.437				2.282	2.312	1.938	2.500	
28		1.750				2.532	2.562	2.188	2.750	
32		2.000				2.782	2.812	2.375	3.000	
36	2.250	3.032				3.062	2.625	3.250		
40	2.500	.875		2.532		2.562	2.188	2.750		
44	2.750									
48	3.000									

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS34021B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS50151

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) CONNECTOR, RECEPTACLE, ELECTRIC, BOX MOUNTING, FRONT RELEASE, CRIMP CONTACT, AN TYPE WITH

SAE AS34021
SHEET 1 OF 2

REV.
B