

RATIONALE

REVISION IS REQUIRED TO ADD AN APPLICATION NOTE TO CLARIFY THE ENVIRONMENTAL SEALING PROPERTIES OF THIS CONNECTOR.

NOTICE

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

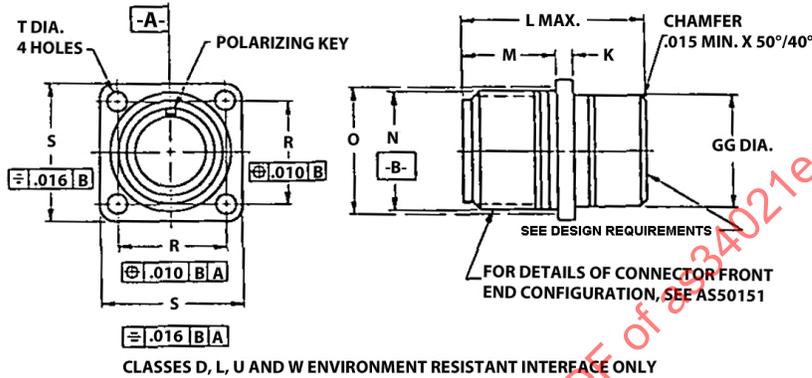
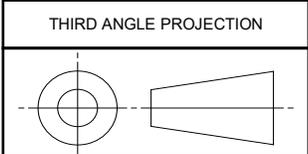


FIGURE 1 - CONNECTOR CONFIGURATION AND DIMENSIONS

TABLE 1 - DIMENSIONS

SIZE	DIA GG ±.015	K ±.015	L MAX		M +.031 -.001	N +.000 -.062	O (REF) MTG HOLES	R ±.031	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											
12S	.750					.782	.812	.812	1.094		
14S	.875					.906	.938	.906	1.188		
14						.562					
16S	1.000					.750	1.062	.969	1.281		
16											
18	1.062						1.156	1.188	1.062		1.375
20	1.187						1.282	1.312	1.156		1.500
22	1.312	.125	1.937	.812	1.406	1.438	1.250	1.625	.173		
24	1.437				1.532	1.562	1.375	1.750			
28	1.750				1.782	1.812	1.562	2.000			
32	2.000				2.032	2.062	1.750	2.250			
36	2.250				2.282	2.312	1.938	2.500			
40	2.500				2.532	2.562	2.188	2.750			
44	2.750				2.782	2.812	2.375	3.000			
48	3.000				3.032	3.062	2.625	3.250			

For more information on this standard, visit
<https://www.sae.org/standards/content/AS34021E/>



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS50151



AEROSPACE STANDARD

CONNECTOR, RECEPTACLE, ELECTRIC, BOX
MOUNTING, FRONT RELEASE, CRIMP
CONTACT, AN TYPE

AS34021™
SHEET 1 OF 2

REV.
E

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