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<b>REV. A</b>
<b>AS34001</b>

FEDERAL SUPPLY CLASS  
5935

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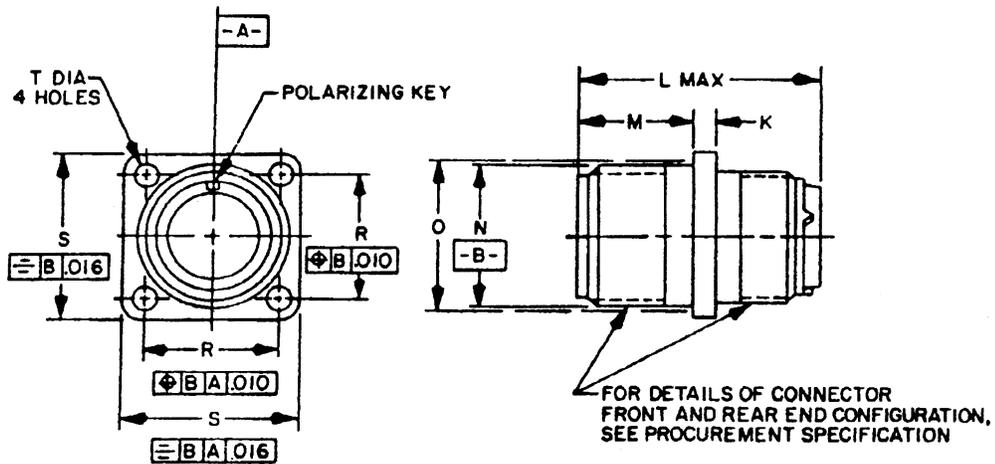
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ISSUED 1997-10 REVISED 1998-01 REAFFIRMED 2003-11

PREPARED BY SUBCOMMITTEE AE-8C1		PROCUREMENT SPECIFICATION MIL-C-5015	
 An SAE International Group	<b>AEROSPACE STANDARD</b>		<b>AS34001</b> SHEET 1 OF 7
	CONNECTORS, RECEPTACLE, ELECTRIC, WALL MOUNTING, FRONT RELEASE, CRIMP CONTACT, AN TYPE		



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

NOTES:

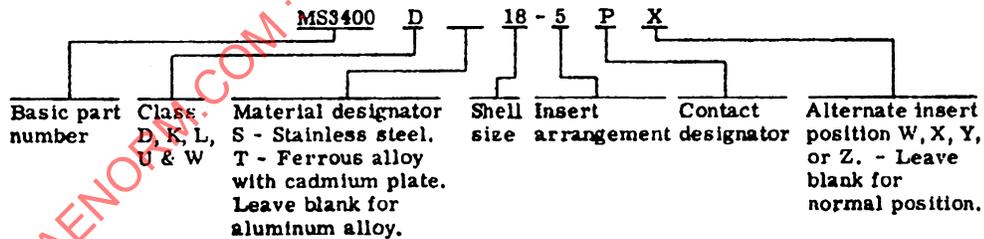
1. DIMENSIONS ARE IN INCHES.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS  $\pm .016$ .
3. DIMENSIONS AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5-1973.
4. MIL-C-5015 CRIMP CONTACT, FRONT AND REAR RELEASE CONNECTORS AND SOLDER CONTACT CONNECTORS ARE INTERMATEABLE.
5. UNLESS OTHERWISE SHOWN, CORRESPONDING FEATURES OF PIN AND SOCKET CONTACT CONNECTORS ARE IDENTICAL.
6. FOR INSERT ARRANGEMENTS SEE MIL-STD-1651.
7. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
8. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
9. CLASS R CANCELLED AFTER 18 OCT 71.  
CLASS Y CANCELLED AFTER 18 FEB 72.  
CLASS K CONNECTORS WITH ELECTROLESS NICKEL FINISH INACTIVE FOR DESIGN AFTER 25 APR 74.  
CLASSES L, U, AND W INACTIVE FOR DESIGN AFTER 23 MAR 76.

REV.  
A

AS34001

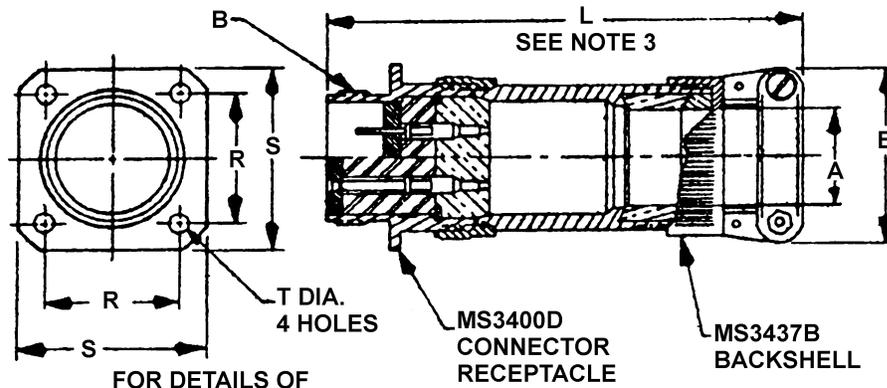
SIZE	K ± .015	L MAX		M + .031 - .000	N + .000 - .062	O (REF) MTG. HOLE	R T. P. CL-CL	S ± .031	T + .010 - .005	
		SIZE 16 & 12 CONT'S	SIZE 8, 4 & 0 CONT'S						CLASS DLUW	CLASS K
8S	.083	2.031		.562	.532	.562	.594	.875	.120	.150
10S					.656	.688	.719	1.000		
10SL					.656	.688	.719	1.000		
12S		2.031		.562	.782	.812	.812	1.094		
12		2.125		.750	.782	.812	.812	1.094		
14S		2.031		.562	.906	.938	.906	1.188		
14		2.125		.750	.906	.938	.906	1.188		
16S		2.031		.562	1.032	1.062	.969	1.281		
16	.083	2.125	2.500	.750	1.032	1.062	.969	1.281		.150
18	.125				1.156	1.188	1.062	1.375		.177
20					1.282	1.312	1.156	1.500		
22				.750	1.406	1.438	1.250	1.625	.120	
24				.812	1.532	1.562	1.375	1.750	.147	
28				.812	1.782	1.812	1.562	2.000	.147	.177
32				.875	2.032	2.062	1.750	2.250	.173	.209
36					2.282	2.312	1.938	2.500		
40					2.532	2.562	2.188	2.750		
44					2.782	2.812	2.375	3.000		
48	.125	2.125	2.500	.875	3.032	3.062	2.625	3.250	.173	.209

EXAMPLE OF PART NO. : MS3400D 18-5PX



REV.  
A

AS34001



FOR DETAILS OF  
CONNECTOR FRONT  
& REAR END  
CONFIGURATION SEE  
PROCUREMENT  
SPECIFICATION

**CLASS DJ ENVIRONMENT RESISTANT**

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS  $\pm 0.016$ .
3. FOR SIZE 8, 4 AND 0 CONTACTS, ADD  $.375$  TO OVERALL LENGTH.
4. UNIT PACKAGE SHALL BE MARKED WITH CLASS DJ PART NUMBER ONLY. CONNECTOR SHALL BE MARKED WITH CLASS D PART NUMBER.
5. THIS ASSEMBLY IS AVAILABLE ONLY WITH CLASS D OR DS CONNECTOR RECEPTACLE FOR JACKETED CABLE.
6. UNLESS OTHERWISE SHOWN, CORRESPONDING FEATURES OF PIN AND SOCKET CONTACT CONNECTORS ARE IDENTICAL.
7. MIL-C-5015 CRIMP CONTACT, FRONT AND REAR RELEASE CONNECTORS AND SOLDER CONTACT CONNECTORS ARE INTERMATEABLE.
8. DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ANSI Y14.5-1973.
9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
10. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REV.  
A

AS34001

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS	E MAX	L MAX	R ±.005	S ±.031	T DIA. MAX.
			MAX.	MIN.						
MS3400DJ 10AXX	MS3400D-10S-XX	MS3437B-9A	.312	.125	.625-24UNEF	.957	4.938	.719	1.000	.120
↑ 10BXX	↑ -10S-XX	↑ -11A	.437	.250	↑	1.145	5.688	.719	1.000	.120
↑ 10DXX	↑ -10S-XX	↑ -136A	.375	.250	↑	1.145	4.938	.719	1.000	.120
↑ 11AXX	↑ -10SL-XX	↑ -9A	.312	.175	↑	.957	4.938	.719	1.000	.120
↑ 11BXX	↑ -10SL-XX	↑ -11A	.437	.250	↓	1.145	5.688	.719	1.000	.120
↑ 11DXX	↑ -10SL-XX	↑ -136A	.375	.250	↓	1.145	4.938	.719	1.000	.120
↑ 13AXX	↑ -12S-XX	↑ -114A	.312	.125	.750-20UNEF	.957	4.938	.812	1.094	.120
↑ 13BXX	↑ -12S-XX	↑ -15A	.625	.350	↑	1.332	5.688	.812	1.094	.120
↑ 13DXX	↑ -12S-XX	↑ -138A	.500	.350	↑	1.332	4.938	.812	1.094	.120
↑ 13EXX	↑ -12S-XX	↑ -13A	.437	.250	↑	1.145	4.938	.812	1.094	.120
↑ 12AXX	↑ -12-XX	↑ -114A	.312	.125	↑	.957	4.938	.812	1.094	.120
↑ 12BXX	↑ -12-XX	↑ -15A	.625	.350	↑	1.332	5.688	.812	1.094	.120
↑ 12DXX	↑ -12-XX	↑ -138A	.500	.350	↓	1.332	4.938	.812	1.094	.120
↑ 12EXX	↑ -12-XX	↑ -13A	.437	.250	.750-20UNEF	1.145	4.938	.812	1.094	.120
↑ 15AXX	↑ -14S-XX	↑ -116A	.437	.250	.875-20UNEF	1.145	4.938	.906	1.188	.120
↑ 15BXX	↑ -14S-XX	↑ -19A	.750	.500	↑	1.551	5.750	.906	1.188	.120
↑ 15DXX	↑ -14S-XX	↑ -17A	.575	.350	↑	1.332	4.938	.906	1.188	.120
↑ 15EXX	↑ -14S-XX	↑ -150A	.312	.125	↑	.957	4.938	.906	1.188	.120
↑ 14AXX	↑ -14-XX	↑ -116A	.437	.250	↑	1.145	4.938	.906	1.188	.120
↑ 14BXX	↑ -14-XX	↑ -19A	.750	.500	↑	1.551	5.750	.906	1.188	.120
↑ 14DXX	↑ -14-XX	↑ -17A	.575	.350	↓	1.332	4.938	.906	1.188	.120
↑ 14EXX	↑ -14-XX	↑ -150A	.312	.125	.875-20UNEF	.957	4.938	.906	1.188	.120
↑ 17AXX	↑ -16S-XX	↑ -21A	.700	.500	1.000-20UNEF	1.551	5.000	.969	1.284	.120
↑ 17BXX	↑ -16S-XX	↑ -23A	.937	.625	↑	1.770	5.812	.969	1.284	.120
↑ 17DXX	↑ -16S-XX	↑ -112A	.437	.250	↑	1.145	4.938	.969	1.284	.120
↑ 17EXX	↑ -16S-XX	↑ -118A	.625	.350	↑	1.332	4.938	.969	1.284	.120
↑ 16AXX	↑ -16-XX	↑ -21A	.700	.500	↑	1.551	5.000	.969	1.284	.120
↑ 16BXX	↑ -16-XX	↑ -23A	.937	.625	↑	1.770	5.812	.969	1.284	.120
↑ 16DXX	↑ -16-XX	↑ -112A	.437	.250	↓	1.145	4.938	.969	1.284	.120
↑ 16EXX	↑ -16-XX	↑ -118A	.625	.350	1.000-20UNEF	1.332	4.938	.969	1.284	.120
↑ 18AXX	↑ -18-XX	↑ -25A	.625	.350	1.125-18UNEF	1.332	4.938	1.062	1.375	.120
↑ 18BXX	↑ -18-XX	↑ -27A	.750	.500	↑	1.551	5.000	1.062	1.375	.120
↑ 18EXX	↑ -18-XX	↑ -120A	.312	.125	↓	.957	4.938	1.062	1.375	.120
↑ 18FXX	↑ -18-XX	↑ -122A	.437	.250	1.125-18UNEF	1.145	4.938	1.062	1.375	.120
↑ 20AXX	↑ -20-XX	↑ -31A	.625	.350	1.250-18UNEF	1.332	5.938	1.156	1.500	.120
↑ 20BXX	↑ -20-XX	↑ -33A	.750	.500	↑	1.551	6.000	1.156	1.500	.120
↑ 20EXX	↑ -20-XX	↑ -37A	1.250	.875	↑	2.113	7.062	1.156	1.500	.120
↑ 20FXX	↑ -20-XX	↑ -124A	.437	.250	↓	1.145	5.938	1.156	1.500	.120
↑ 20GXX	↑ -20-XX	↑ -140A	.904	.625	1.250-18UNEF	1.770	6.062	1.156	1.500	.120
↑ 22AXX	↑ -22-XX	↑ -39A	.625	.350	1.375-18UNEF	1.332	5.938	1.250	1.625	.120
↑ 22BXX	↑ -22-XX	↑ -41A	.750	.500	↑	1.551	6.000	1.250	1.625	.120
↑ 22DXX	↑ -22-XX	↑ -43A	.937	.625	↑	1.770	6.062	1.250	1.625	.120
↓ 22EXX	↓ -22-XX	↓ -45A	1.250	.875	↓	2.113	7.062	1.250	1.625	.120
MS3400DJ 22FXX	MS3400D-22-XX	MS3437B-126A	.312	.125	1.375-18UNEF	.957	5.938	1.250	1.625	.120