

AS34081

FEDERAL SUPPLY CLASS
5935

NOTICE

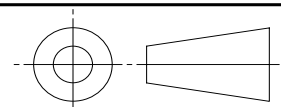
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-5015

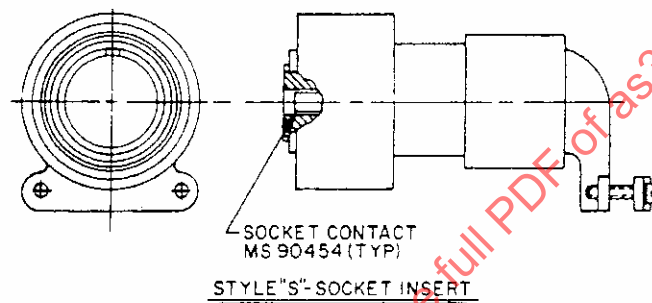
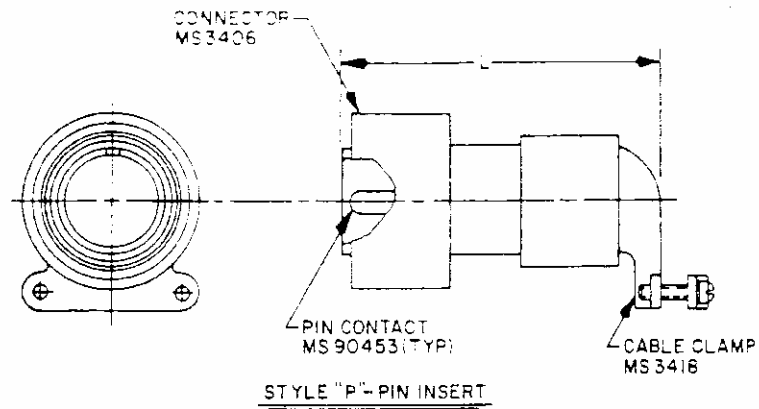
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AEROSPACE STANDARD

CONNECTORS, PLUG, ELECTRIC,
90° ASSEMBLY, CRIMP CONTACT, AN TYPE

AS34081
SHEET 1 OF 7

ISSUED 2004-06



Class D & L environment resistant

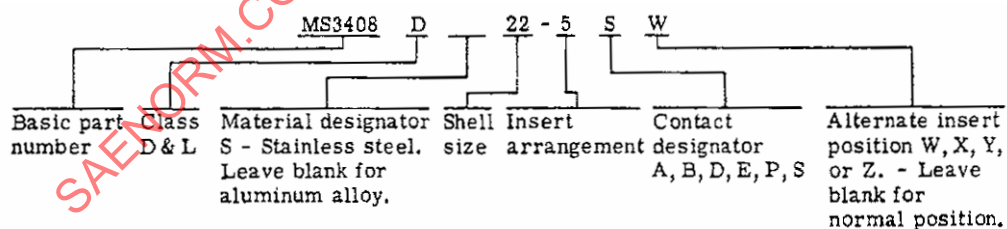
Class L inactive for design after 23 Mar 76

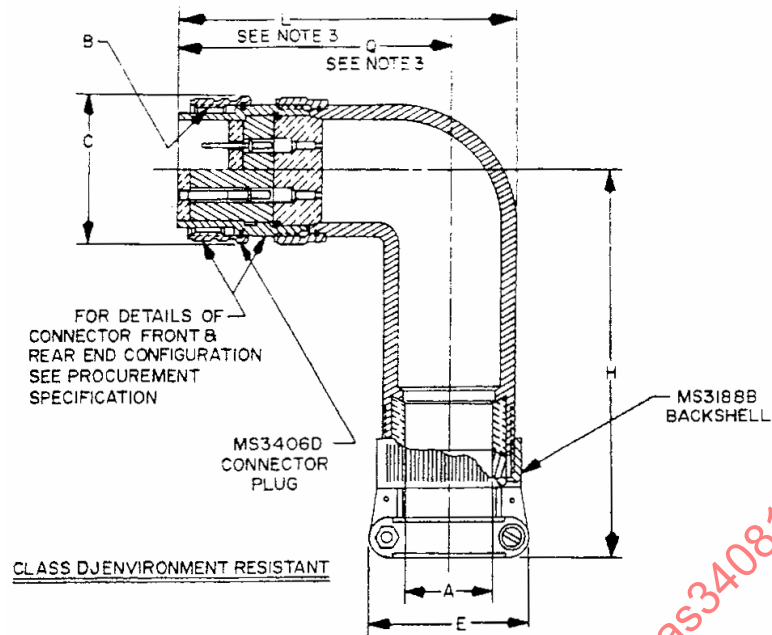
NOTES:

1. DIMENSIONS ARE IN INCHES.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± 0.016 .
3. DIMENSIONS AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5-1973.
4. MIL-C-5015 CRIMP CONTACT CONNECTORS ARE INTERMATEABLE WITH CORRESPONDING SOLDER CONTACT CONNECTORS.
5. UNLESS OTHERWISE SHOWN, CORRESPONDING FEATURES OF STYLE "S" AND "P" ARE IDENTICAL.
6. FOR INSERT ARRANGEMENTS SEE MIL-STD-1651.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

SIZE	L - MAX	
	16 & 12 CONTACTS	8, 4 & 0 CONTACTS
8S	2.475	
10S	2.500	
10SL	2.555	
12S	2.555	
12	2.625	
14S	2.615	
14	2.685	
16S	2.695	
16	2.765	3.165
18	2.810	3.210
20	2.875	3.275
22	2.935	3.335
24	2.995	3.395
28	3.160	3.560
32	3.250	3.650
36	3.375	3.775
40	3.510	3.910
44	3.635	4.035
48	3.760	4.160

EXAMPLE OF PART NO.: MS3408D 22-5SW





REQUIREMENTS:

1. CONNECTOR AND BACKSHELL SHALL BE OF THE SAME MATERIAL AND FINISH IN ACCORDANCE WITH MIL-C-5015.
2. CONNECTOR, BACKSHELL AND ANCILLARY HARDWARE SHALL CONFORM TO THE DISSIMILAR METAL COMPATIBILITY REQUIREMENTS OF MIL-STD-454, REQUIREMENT 16.

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± 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 PLUG 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.

AS34081	
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15BXX	-14S-XX	-50A	.750	.500			1.551	3.500	4.375	3.625			
15DXX	-14S-XX	-10A	.575	.350			1.332	2.312	3.250	2.688			
15EXX	-14S-XX	-7A	.312	.125			.957	3.188	3.125	2.625			
14AXX	-14-XX	-09A	.437	.250			1.145	3.188	3.188	2.688			
14BXX	-14-XX	-50A	.750	.500			1.551	3.500	4.375	3.625			
14DXX	-14-XX	-10A	.575	.350			1.332	2.312	3.250	2.688			
14EXX	-14-XX	-74A	.312	.125	.875-20UNE	1.156	.957	3.108	3.125	2.625			
17AXX	-16S-XX	-12A	.700	.500	1.000-20UNE	1.250	1.551	2.938	3.562	2.812			
17BXX	-16S-XX	-51A	.937	.625			1.779	3.688	4.688	3.750			
17DXX	-16S-XX	-11A	.437	.250			1.145	3.312	3.375	2.812			
17EXX	-16S-XX	-40A	.625	.350			1.332	3.312	3.438	2.812			
16AXX	-16-XX	-12A	.700	.500			1.551	2.938	3.562	2.812			
16BXX	-16-XX	-51A	.937	.625			1.779	3.688	4.688	3.750			
16DXX	-16-XX	-11A	.437	.250			1.145	3.312	3.375	2.812			
16EXX	-16-XX	-40A	.625	.350	1.000-20UNE	1.250	1.332	3.312	3.438	2.812			
18AXX	-18-XX	-13A	.525	.350	1.125-18UNE	1.344	1.332	3.438	3.625	2.875			
18BXX	-18-XX	-52A	.750	.500			1.551	3.500	3.625	2.875			
18EXX	-18-XX	-41A	.312	.125			.957	3.438	3.625	2.875			
18FXX	-18-XX	-42A	.437	.250	1.125-18UNE	1.344	1.145	3.438	3.625	2.875			
20AXX	-20-XX	-15A	.625	.350	1.250-18UNE	1.469	1.332	3.438	3.625	2.875			
20BXX	-20-XX	-54A	.750	.500			1.551	3.500	3.625	2.875			
20EXX	-20-XX	-55A	1.250	.875			2.113	4.062	4.938	3.875			
20FXX	-20-XX	-43A	.437	.250			1.145	3.438	3.625	2.875			
20GXX	-20-XX	-16A	.900	.625	1.250-18UNE	1.469	1.779	3.250	3.750	2.875			
22AXX	-22-XX	-56A	.625	.350	1.375-18UNE	1.594	1.332	3.562	3.875	3.000			
22BXX	-22-XX	-17A	.750	.500			1.551	3.625	3.875	3.000			
22DXX	-22-XX	-57A	.937	.625			1.779	3.688	3.938	3.000			
22EXX	-22-XX	-58A	1.250	.875			2.113	4.062	4.938	3.875			
MS3400D	22FXX	MS3400D	-22-XX	MS3188D	-44A	.312	.125	1.375-18UNE	1.594	.957	3.562	3.875	3.000

AEROSPACE STANDARD
CONNECTORS, PLUG, ELECTRIC, 90° ASSEMBLY, CRIMP CONTACT, AN TYPE

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CONNECTORS, PLUG, ELECTRIC, 90° ASSEMBLY, CRIMP CONTACT, AN TYPE

AS34081 SHEET 5 OF 7	
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