

AS25183

FEDERAL SUPPLY CLASS
5935

NOTICE

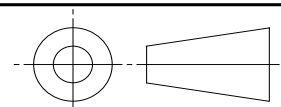
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-5015

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CONNECTOR, PLUG, ELECTRIC,
POTTING SEAL, SOLDER CONTACT,
AN TYPE

AS25183
SHEET 1 OF 3

ISSUED 2004-06

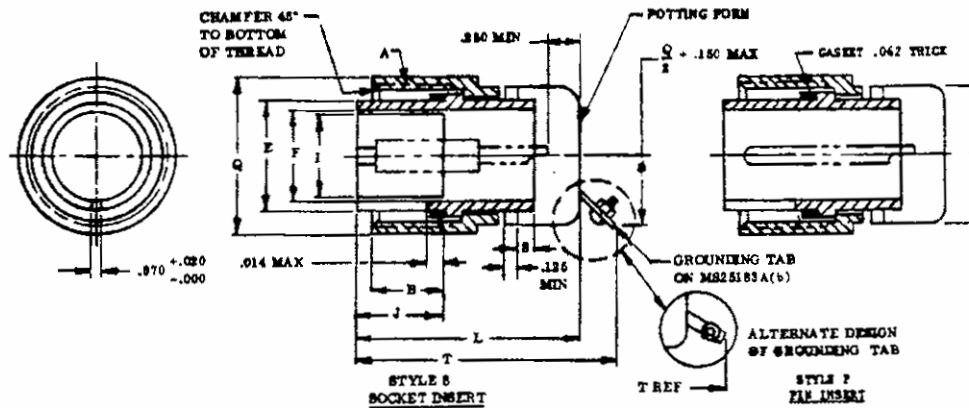
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CLASS P - POTTING SEAL

SIZE	A COUPLING THREAD	B +.000 -.062 EXT CPLG RING	E +.000 -.015 OD	F MIN ID	I MAX INSERT DIA	J LENGTH ENGAGE- MENT +.005	L (S) MAX	T (S) MAX OVERALL LENGTH	Q MAX OVERALL OD	R MAX	S (C) MIN	FOR INSERT ARRANGE- MENT SEE DRAWING
8	1/8-18		.355	.252	.350				.844	.819		
10	5/8-24	.375	.440	.323	.440	.531	1.500	1.875	.966	.707	.085	MS33660
12	3/4-20		.555	.450	.448				1.082	.863		
14	7/8-20	.375	.675	.586	.625	.719	1.906	2.281	1.156	.941	.141	MS33682
16	1-20	.375	.805	.651	.650	.631	1.500	1.875	1.250	1.066	.085	MS33683
18	1-1/8-18		.930	.776	.770				1.344	1.207	.141	
20	1-1/4-18	.625	1.050	.892	.825	.719	1.500	1.875	1.468	1.322		MS33685
22	1-3/8-16		1.175	1.026	1.020				1.594	1.457		MS33686
24	1-1/2-16		1.300	1.151	1.145				1.719	1.582		MS33687
26	1-3/4-16		1.425	1.270	1.265				1.844	1.707		MS33688
28	2-16		1.550	1.395	1.390				1.969	1.832		MS33689
30	2-1/8-16		1.675	1.520	1.515				2.094	1.957		MS33690
32	2-1/4-16		1.800	1.645	1.640				2.219	2.082		MS33691
34	2-3/8-16		1.925	1.770	1.765				2.344	2.207		MS33692
36	2-1/2-16		2.050	1.895	1.890				2.469	2.332		MS33693
40	2-3/4-16		2.175	2.020	2.015				2.594	2.457		MS33694
44	3-16		2.300	2.145	2.140				2.719	2.582		MS33695
48	3-1/8-16		2.425	2.270	2.265				2.844	2.707		MS33696

- (a) ADD .375 FOR SIZE "O" CONTACTS.
- (b) THE GROUNDING TAB MUST PROVIDE POSITIVE CONDUCTIVITY TO SHELL AND BE PROVIDED WITH A 6-32 SCREW AND NUT FOR EXTERNALLY GROUNDING PIGTAILS OF SHIELDED WIRE TO SHELL OF CONNECTOR.
- (c) THE SURFACE WITHIN THE "S" DIMENSION SHALL HAVE SURFACE IRREGULARITIES TO ASSIST THE GRIP OF THE POTTING COMPOUND TO THE SHELL.
- (d) CONNECTORS MS25183A ARE THE SAME AS MS25183 EXCEPT THAT A INCLUDES GROUNDING TAB.

NOT APPLICABLE FOR NEW DESIGNED AIR FORCE AIRBORNE EQUIPMENT.

EXAMPLE OF PART NUMBER:

