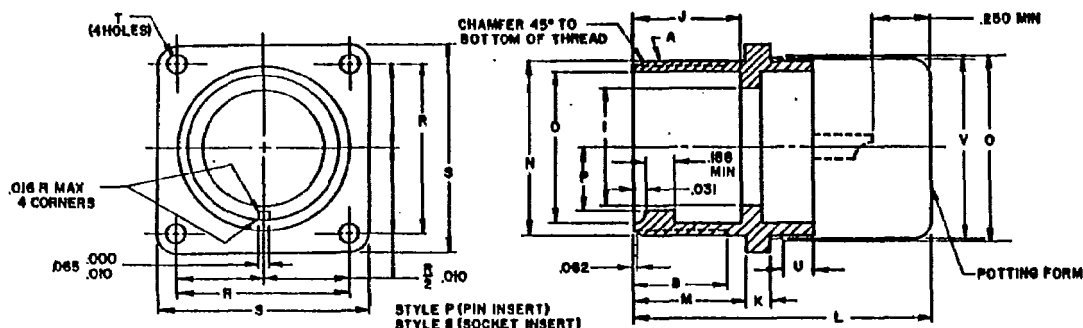


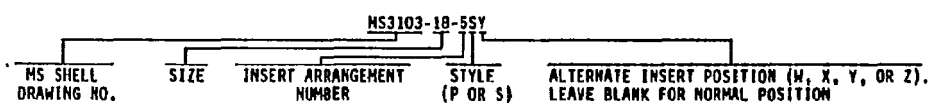
THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-5015



CLASS P-ENVIRONMENT RESISTANT, POTTING

SIZE	COUPLING THREAD	W MIN USABLE THREAD	D +0.015 -0.000 I.D.	W MIN INSERT DIA	W MIN INT SHELL SHELL	THICKNESS POINTING FLANGE MAX MIN	L (S) MAX OVER- ALL LENGTH	H +0.031 -0.000 HIS LOCATION	H MAX O.D.	Q (REF) DIA PANEL OPENING MIN	P +0.015 -0.000 SET WEIGHT	S +0.005 FL-LL HIS HOLE	S +0.031 LENGTH SHELL	T +0.010 -0.005 DIA HOLE	W MIN (S)	V MAX DIA	FOR INSERT ARRANGE- MENT SEE
85	1/2-28		.370	.250						.532	.635	.130	.594	.075			.613
105				.320	.562		1.531	.562	.656	.728	.165	.719	1.000		.065		.767
105L	5/8-14	.375	.448														
125				.448													.863
12	3/4-20	.625	.557		.750	.156	.067	1.968	.750	.787	.885	.224	.812	1.094	.120	.141	
145		.375	.682	.525	.562			1.611	.562			.263	.906	1.108		.005	.941
14	7/8-20	.625		.750				1.968	.750	.806	.903				.141		MIL-STD-1631
165		.375	.807	.650	.562			1.531	.562						.005		
16										1.032	1.004	.325	.949	1.281			1.046
18	1-1/8-18		.932	.770				1.968	.750	1.156	1.226	.385	1.062	1.315			1.207
20	1-1/4-18	.625	1.058	.925	.750					1.282	1.353	.463	1.196	1.500	.141		1.332
22	1-3/8-18		1.182	1.020		.203	.094			1.406	1.478	.510	1.250	1.675			1.457
24	1-1/2-18		1.307	1.145				2.188	.812	1.532	1.604	.573	1.375	1.750			1.582
28	1-3/4-18		1.526	1.365						1.782	1.854	.683	1.562	2.000	.147		1.832
32	2 -18		1.774	1.615						2.032	2.132	.808	1.750	2.250	.228		2.110
36	2-1/4-18		1.995	1.830		.359	.125		.075	2.282	2.437	.915	1.938	2.500	1.73		2.395
60	2-1/2-18		2.245	2.047						2.532	2.616	1.023	2.188	2.750			2.594

- ① NOTES:
(a) CLASS P IS INACTIVE FOR NEW DESIGN AFTER 1 JAN 1991.
(b) THE SURFACE WITHIN THE "U" DIMENSION SHALL HAVE SURFACE IRREGULARITIES TO ASSIST THE GRIP OF THE POTTING COMPOUND TO THE SHELL.



DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.015.
THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR B10.

PREPARING ACTIVITY: NAVY-AS CUSTODIANS: ARMY- CR NAVY-AS AIR FORCE- 85 REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99 USER: ARMY-AT, NAVY-OS, MC, CG PROJECT NUMBER: 5935-3745-04	MILITARY SPECIFICATION SHEET TITLE CONNECTOR, RECEPTACLE, ELECTRIC, POTTING SEAL, SOLDER CONTACTS, AN TYPE	SPECIFICATION SHEET NUMBER MS3103D 31 AUG 1990 SUPERSEDING MS25188 (AER) AMSC- N/A FSC 5935
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