

INCH-POUND

MS27473M
12 July 2002
SUPERSEDING
MS27473L
26 July 1990

DETAIL SPECIFICATION SHEET

CONNECTORS, PLUG, ELECTRICAL, STRAIGHT,
CRIMP TYPE, BAYONET COUPLING, SERIES II

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification and MIL-DTL-38999.

Inactive for new design

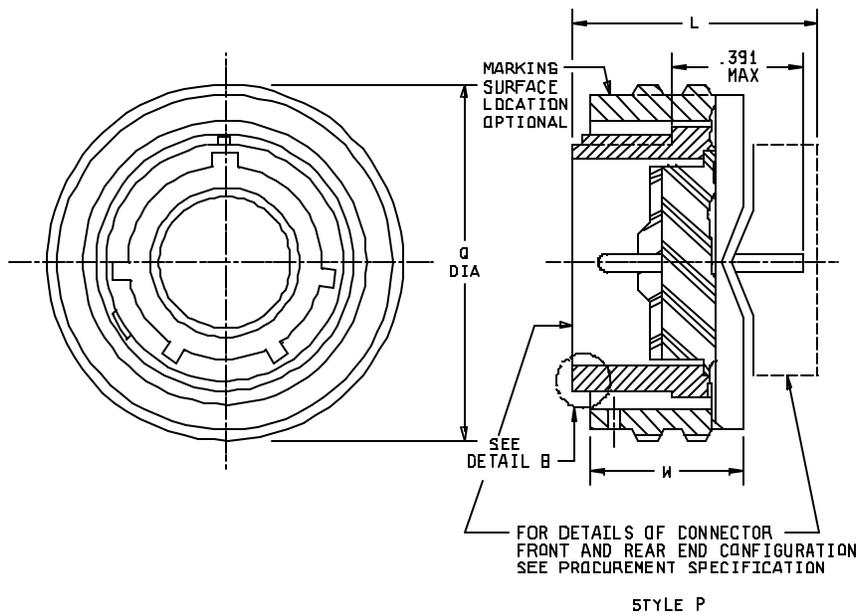


FIGURE 1. Plug, classes E, P and T.

MS27473M

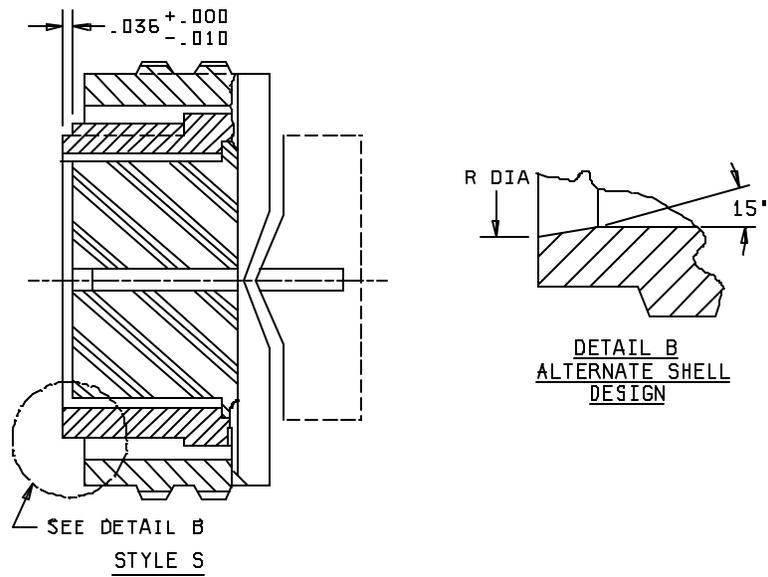


FIGURE 1. Plug, classes E, T and P - Continued.

MS27473M

Shell size	L max			Q dia max	R dia + .005 -.006	W ± .015
	Class E	Class P See note 5	Class T See note 6			
8	1.026	1.020	.766	.750	.316	.547
10				.859	.436	
12				1.031	.549	
14				1.156	.675	
16				1.281	.799	
18				1.406	.893	
20				1.531	1.018	.524
22	1.641	1.143				
24	1.104	1.080	.844	1.766	1.268	.575

Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.524	13.31	.844	21.44	1.143	29.03
.006	0.15	.547	13.89	.859	21.82	1.156	29.36
.010	0.25	.549	13.94	.893	22.68	1.268	32.21
.015	0.38	.575	14.61	.953	24.21	1.281	32.54
.036	0.91	.675	17.15	1.018	25.86	1.406	35.71
.316	8.03	.750	19.05	1.020	25.91	1.531	38.89
.391	9.93	.766	19.46	1.031	26.19	1.641	41.68
.436	11.07	.799	20.29	1.080	27.43	1.766	44.86

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. For main key polarization and key positions, see MIL-DTL-38999.
4. Dimensions and tolerances are in accordance with ANSI Y 14.5 – 1973.
5. Applicable potting forms: MIL-C-85049/58 and MIL-C-85049/75.
6. To the end of teeth.

FIGURE 1. Plug, classes E, T and P - Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

MS27473M

Interface dimensions shall conform to MIL-DTL-38999.

Mating connectors: MIL-DTL-38999/10, MS27472, MS27474, MS27475, MS27476, MS27477, MS27478, MS27479, MS27480, MS27481, MS27497, MS27499, MS27504, MS27508 and MS27513.

Insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:



CONCLUDING MATERIAL

Custodians:

- Army - CR
- Navy - AS
- Air Force - 11
- DLA - CC

Preparing activity:

DLA - CC

(Project 5935-4366)

Review activities:

- Army - AR, MI
- Navy - EC, MC, OS
- Air Force - 19, 99
- DLA - IS