

INCH-POUND

MS27484M

12 July 2002

SUPERSEDING

MS27484L

17 February 1988

DETAIL SPECIFICATION SHEET

CONNECTORS, PLUG, ELECTRICAL, STRAIGHT, CRIMP
TYPE, BAYONET COUPLING, EMI, 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

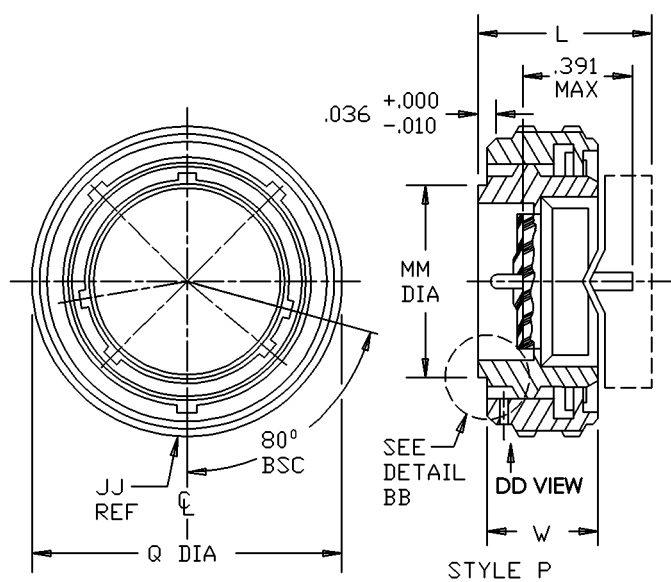
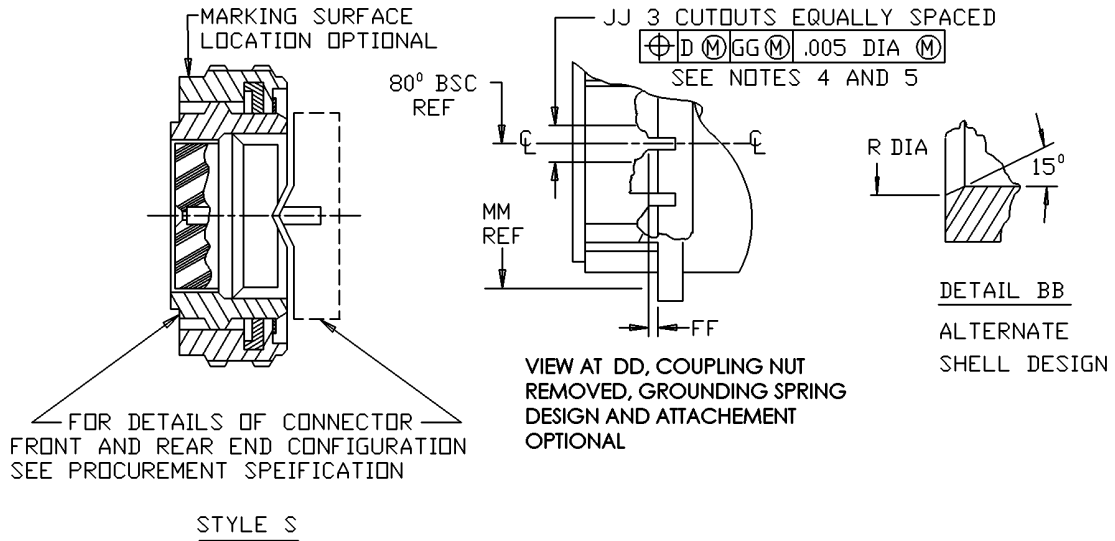


FIGURE 1. Plug, classes E, P and T.

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Shell size	K max REF	Q max dia	R +.005 -.006 dia	W ±.015	FF max	JJ min	MM dia +.007 -.004
8	.155	.750	.316	.547	.036	.109	.456
10		.859	.436				.573
12		1.031	.549				.733
14		1.156	.675				.858
16		1.281	.799				.983
18		1.406	.893				1.108
20	.109	1.531	1.018	.524	.017	.156	1.228
22		1.641	1.143	1.353			
24		1.766	1.268	.575			1.478

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

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Shell size	LE max overall length	LT max overall length	LP max overall length
8	1.016	.766	1.020
10			
12			
14			
16			
18			
20			
22			
24	1.094	.844	1.080

Inches	mm	Inches	mm	Inches	mm	Inches	mm
.001	0.03	.316	8.03	.766	19.46	1.143	29.03
.004	0.10	.391	9.93	.799	20.29	1.156	29.36
.005	0.13	.436	11.07	.844	21.44	1.228	31.19
.006	0.15	.456	11.58	.858	21.79	1.268	32.21
.007	0.18	.524	13.31	.859	21.82	1.281	32.54
.010	0.25	.547	13.89	.893	22.68	1.353	34.37
.015	0.38	.549	13.94	.953	24.21	1.406	35.71
.017	0.43	.573	14.55	.983	24.97	1.478	37.54
.036	0.91	.575	14.61	1.018	25.85	1.531	38.89
.109	2.77	.675	17.15	1.020	25.91	1.641	41.68
.155	3.94	.733	18.62	1.031	26.19	1.766	44.86
.156	3.96	.750	19.05	1.080	27.43		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. For main key and key positions, see MIL-DTL-38999.
4. The gauge feature for GG shall be .004 inch (0.10 mm) larger than the MMC size at base location.
5. Design contour of cutouts optional. Cutouts to accommodate receptacle projections.

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

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

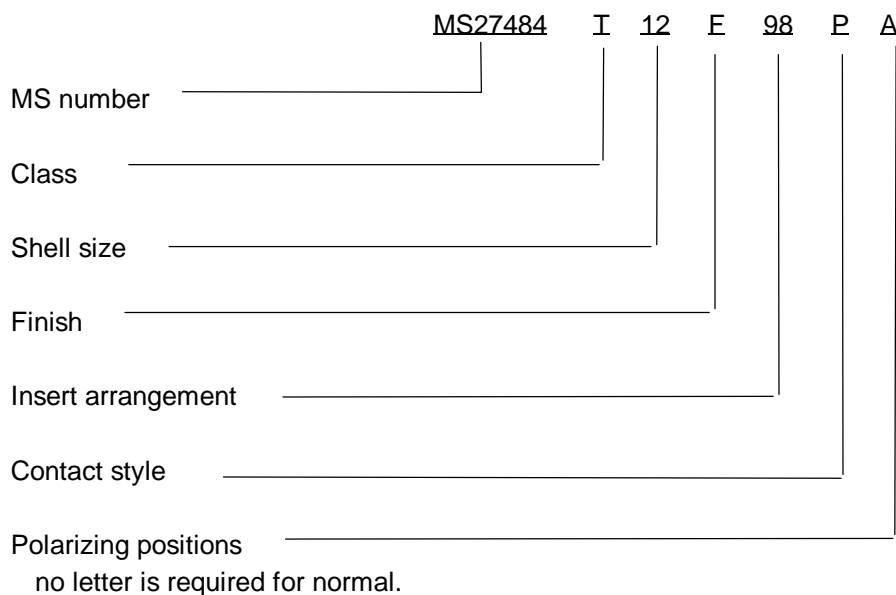
Interface dimensions shall conform to MIL-DTL-38999.

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

Procurement Specification: MIL-DTL-38999.

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 5935–4376)

Review activities:

- Army – AR, MI
- Navy – EC
- Air Force – 19, 99