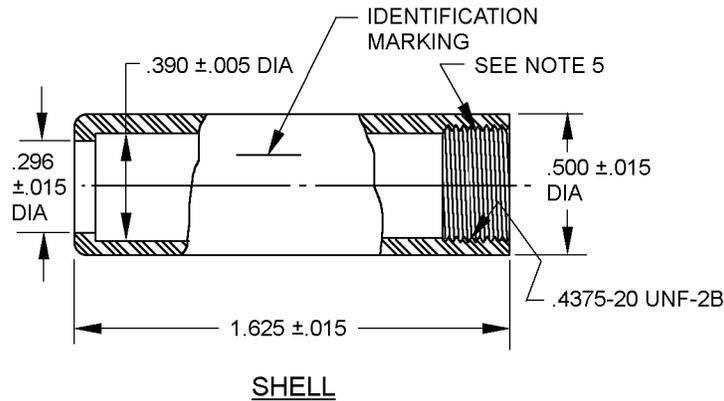


MIL-DTL-642/10B



Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.002	0.05	.093	2.36	.290	7.51	.4375	11.11	.750	19.05
.003	0.08	.175	4.45	.370	9.40	.448	11.38	.776	19.71
.005	0.13	.187	4.75	.390	9.91	.500	12.70	1.625	41.28
.008	0.20	.218	5.54	.406	10.31	.523	13.28	2.388	60.66
.015	0.38	.250	6.35	.437	11.10	.550	13.97	2.500	63.50
.020	0.51	.281	7.14						

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is $\pm .010$ (.25mm).
4. After assembly, the eccentricity between the end of the shank and the tip of the plug shall not exceed .008 inch (.20mm) total indicator reading (TIR).
5. There shall be a sufficient length of thread on the shell to assure a minimum thread engagement of four full threads between the shell and the body of the plug after assembled. When the plug shell and body are assembled, the shell shall not protrude beyond the shoulder of the plug.
6. Details of this assembly shall be in accordance with drawings referenced herein and may be obtained online from <http://cecom.army.mil/> or from US Army Communications-Electronics Command, 6002 Combat Drive, Aberdeen Proving Ground, MD 21005.

FIGURE 1. Dimensions and configuration - Continued.

REQUIREMENTS:

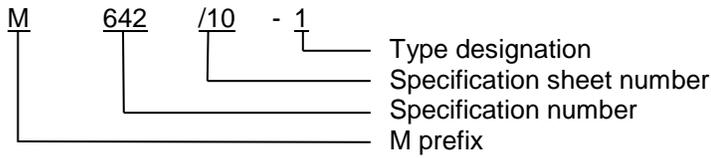
Dimensions and configuration: See figure 1.

Shell shall be plastic in accordance with MIL-DTL-642.

Terminal screws shall be .086-64 UNF-2A in accordance with MIL-DTL-642/12.

One cord clamp in accordance with Signal Corps drawing SC-A-7674 shall be supplied with each plug.

The Part or Identifying Number (PIN) consists of the letter M, the basic specification number, the specification sheet number, and dash number for plug type. (see table I)



PIN example: M642/10-1 indicates type PJ-540B telephone plug.

TABLE I. PIN.

Dash number	Type designation	Shell material
1	PJ-540B	Black plastic
2	PJ-540R	Red plastic

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Referenced documents. In addition to MIL-DTL-642 this document references the following:

MIL-DTL-642/12
SC-A-7674

CONCLUDING MATERIAL

Custodians:
Army – CR
Navy – EC
Air Force – 85
DLA - CC

Preparing activity:
DLA - CC
(Project 5935-2013-053)

Review activities:
Army – AT, AV, CR4, MI
Navy – AS, MC, OS, SH
Air Force – 19, 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil> .