

INCH-POUND

MIL-DTL-642/1B
23 May 2014
SUPERSEDING
MIL-P-642/1A
3 July 1973

DETAIL SPECIFICATION SHEET

PLUGS, TELEPHONE (TYPES PJ-047B AND PJ-047R) AND ACCESSORY SCREWS

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 sheet and MIL-DTL-642.

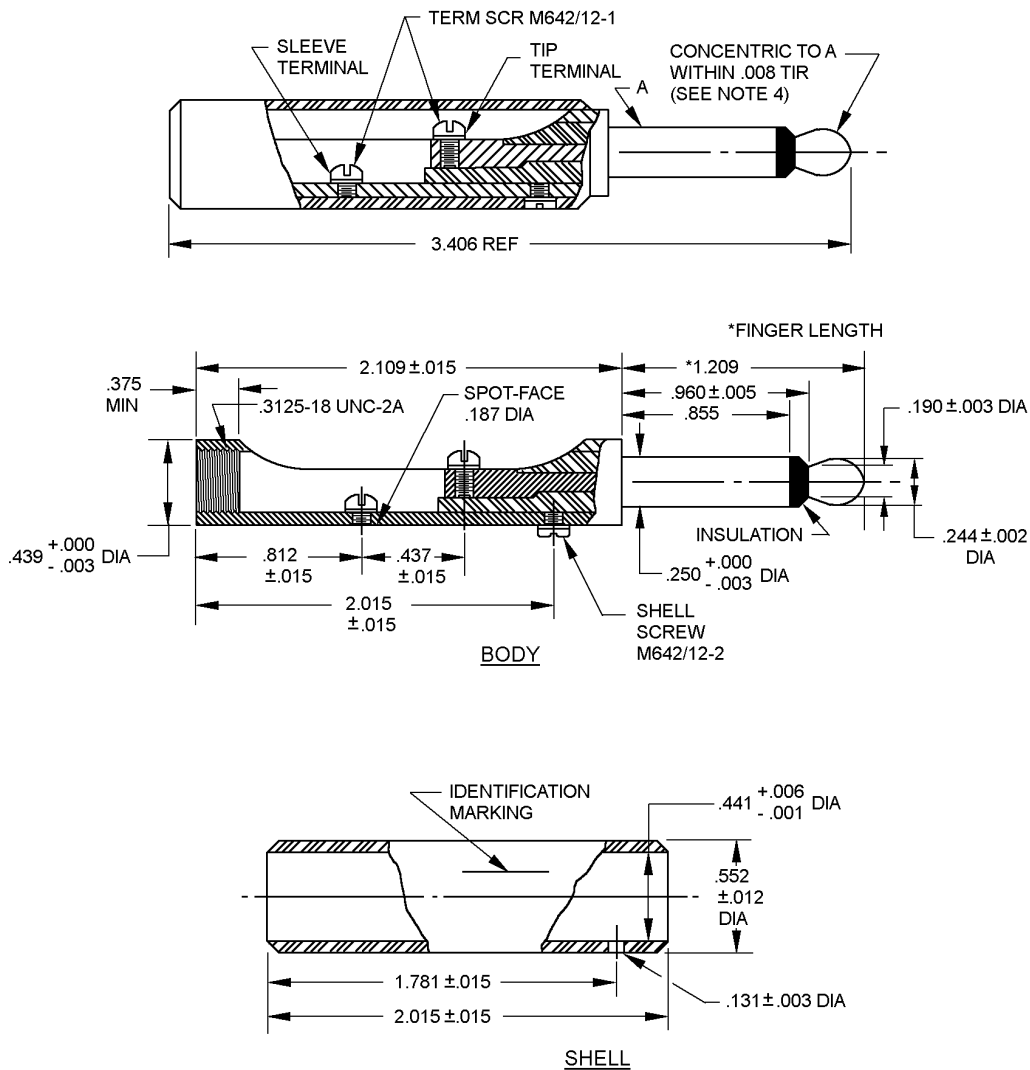


FIGURE 1. Dimensions and configuration.

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Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.001	0.03	.012	.030	.250	6.35	.552	14.02	1.781	45.24
.002	0.05	.015	0.38	.3125	7.94	.812	20.62	2.015	51.18
.003	0.08	.131	3.33	.375	9.54	.855	21.72	2.109	53.57
.005	0.13	.187	4.75	.437	11.10	.960	24.38	3.406	86.51
.006	0.15	.190	4.83	.439	11.15	1.209	30.71		
.008	.020	.244	6.20	.441	11.20	1.687	42.85		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is ± 0.010 (.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).

FIGURE 1. Dimensions and configuration - Continued.

REQUIREMENTS:

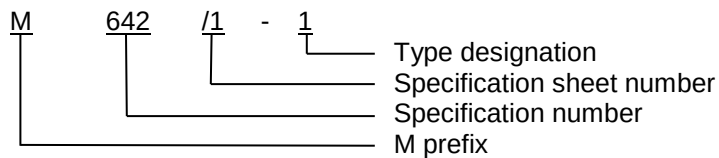
Dimensions and configuration: See figure 1.

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.

Shell screws shall be .112-48 UNF-2A in accordance with MIL-DTL-642/12.

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: M642/1-1 indicates type PJ-047B telephone plug.

TABLE I. PIN.

Dash number	Type designation	Shell material
1	PJ-047B	Black plastic
2	PJ-047R	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

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 5935-2013-045)

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> .