

INCH-POUND

MIL-DTL-642/8B
20 June 2014
SUPERSEDING
MIL-P-642/8A
3 July 1973

DETAIL SPECIFICATION SHEET

PLUGS, TELEPHONE (TYPE PJ-309)
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.

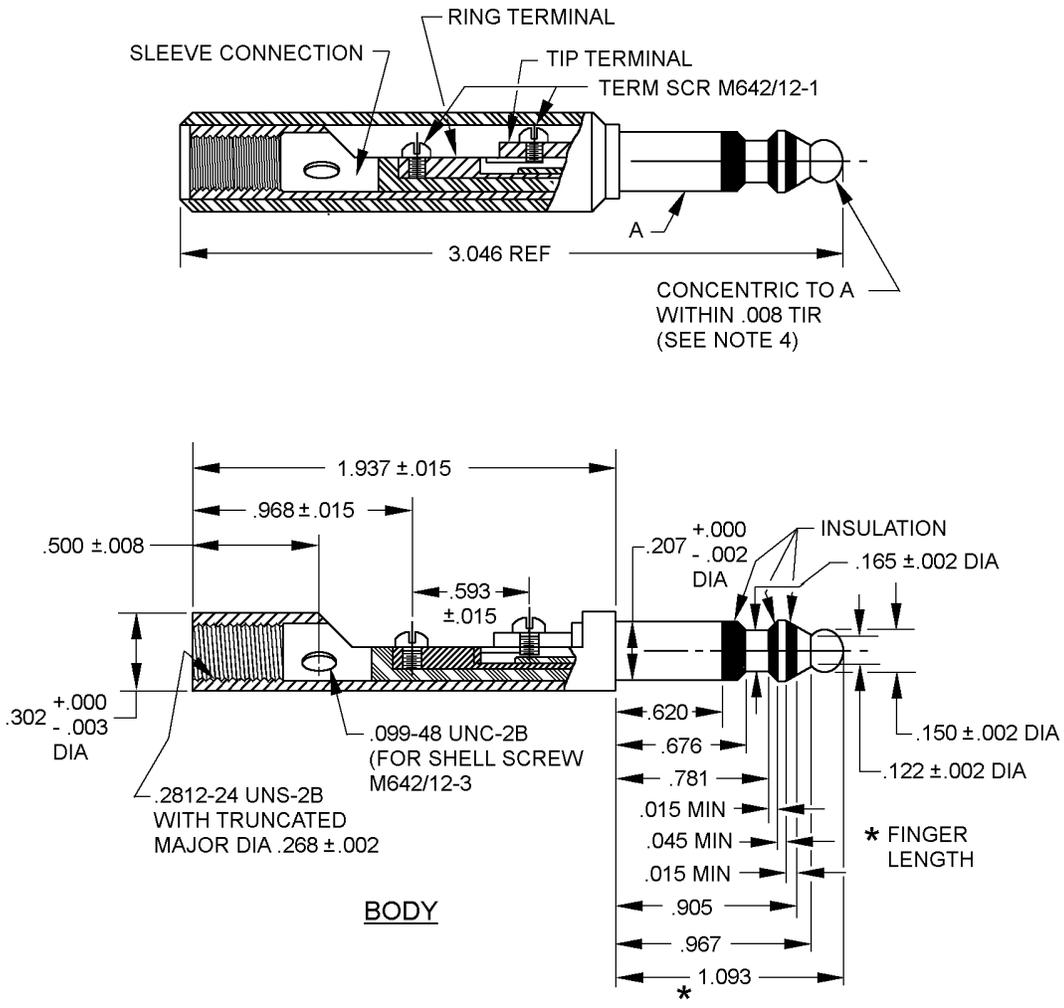
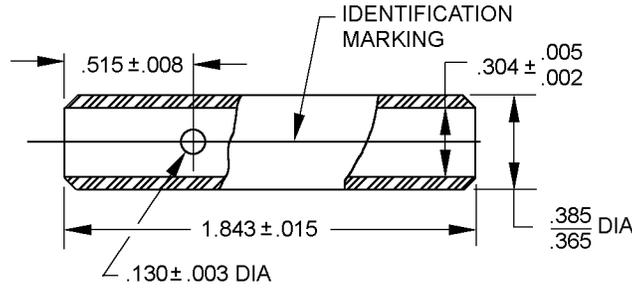


FIGURE 1. Dimensions and configuration.

MIL-DTL-642/8B



SHELL

Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.002	0.05	.122	3.10	.365	9.27	.620	15.75	.968	24.59
.003	0.08	.150	3.81	.385	9.78	.676	17.17	1.093	27.76
.005	0.13	.165	4.19	.500	12.70	.781	19.84	1.843	46.81
.008	0.20	.2812	7.14	.515	13.08	.905	22.99	1.937	49.20
.015	0.38	.302	7.67	.593	15.06	.967	24.56	3.046	77.37
.099	2.51	.304	7.72						

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).

FIGURE 1. Dimensions and configuration - Continued.

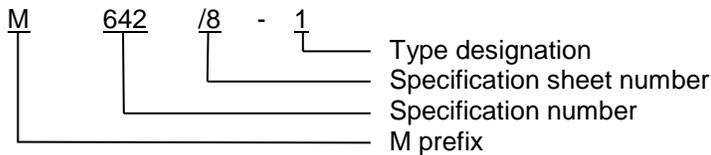
REQUIREMENTS:

Dimensions and configuration: See figure 1.

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

Terminal screws shall be .086-64 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: M642/8-1 indicates type PJ-309 telephone plug.

TABLE I. PIN.

Dash number	Type designation	Shell material
1	PJ-309	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 5935-2013-051)

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>.