DETAIL SPECIFICATION SHEET

PLUGS, TELEPHONE (TYPE PJ-068)

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-P-642.

FIGURE 1. Dimensions and configuration.
## Inch/mm conversion chart

<table>
<thead>
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<th>Inches</th>
<th>mm</th>
<th>Inches</th>
<th>mm</th>
<th>Inches</th>
<th>mm</th>
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<td>.187</td>
<td>4.75</td>
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</table>

**NOTES:**

1. Dimensions are in inches.
2. Metric equivalents (to nearest .01 mm) are given for general information only.
3. Unless otherwise specified, tolerance is ± .010 (.25 mm).
4. After assembly, the eccentricity between the end of the shank and the tip of the plug shall not exceed .008 (.20 mm) TIR (total indicator reading).
5. Thread shall be in accordance with FED-STD-H28, and there shall be 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.

**FIGURE 1. Dimensions and configuration - Continued.**
NOTES:
1. Material shall be steel, as rolled, condition no. 3 quarter hard temper, regular bright finish, in accordance with QQ-S-698.
2. Finish shall be cadmium plate in accordance with SAE-AMS-QQ-P-416, type II, class C, or zinc coat, .0002 inch thick, with chromate treatment, in accordance with ASTM B633.
3. Remove all burrs and sharp edges.

FIGURE 2. Collar, cable.
MIL-DTL-642/5B

REQUIREMENTS

Dimensions and configurations: See figures 1 and 2.

Shell: Shall be black plastic in accordance with MIL-P-642.

Terminal screws: Shall be .086-64 UNF-2A in accordance with MIL-P-642/12.

One cable clamp, as shown on figure 2, shall be supplied with each plug.

Part or Identifying Number (PIN): M642/5-1.

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

CONCLUDING MATERIAL

Custodians: Preparing activity:
   Army - CR DLA - CC
   Navy - EC
   Air Force – 11 (Project 5935-4426-001)
   DLA - CC

Review activities:
   Army - AR, CR4, MI
   Navy - AS, MC, OS, SH