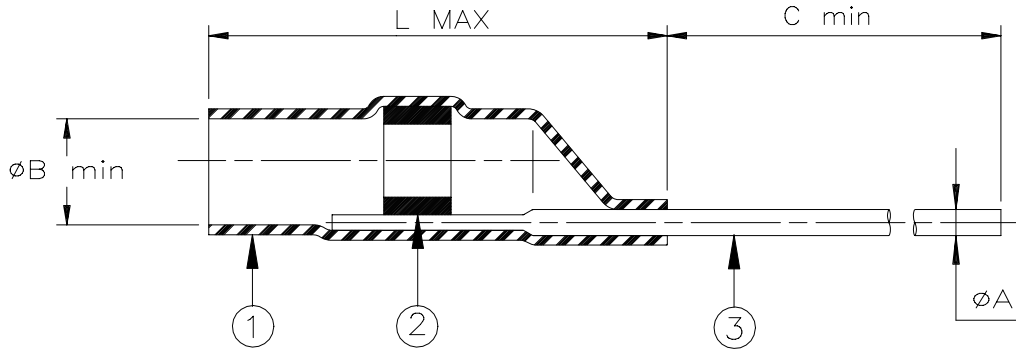


SPECIFICATION CONTROL DRAWING



| Product Revision | | Product Dimensions | | | | Wire Dimensions | | |
|------------------|---|--------------------|--------------|-------|-------|-----------------|-------------|----------|
| Product Name | | ϕA max | ϕB min | C min | L max | D max | S ± 0.2 | Size AWG |
| B-801-16 | L | 0.68 | 2.55 | 10 | 13.8 | 2.55 | 5 | 20 - 24 |
| B-801-18 | H | 0.88 | 2.55 | 10 | 13.2 | 2.55 | 5 | 20 - 24 |
| B-801-19 | G | 1.08 | 1.90 | 8 | 11.1 | 1.90 | 5 | 22 - 26 |
| B-801-46 | A | 0.68 | 1.90 | 12 | 9.2 | 1.90 | 4 | 22 - 26 |
| B-801-48 | D | 0.88 | 1.90 | 12 | 9.2 | 1.90 | 4 | 22 - 26 |

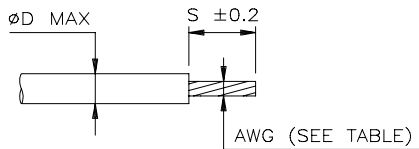
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Sn63 per ANSI-J-STD-006.
FLUX: TYPE ROL1 per ANSI-J-STD-004.
- PIN: Cu/Sn-Pb/5b per ASTM B-579-73.

APPLICATION

- These controlled soldering devices are designed for use in attaching a stranded wire, having tin or silver plated conductors, insulations rated for at least 125°C and meeting the dimensional criteria listed, to a printed circuit board having plated-thru holes with a diameter 0.3 to 0.6 larger than the lead diameter (A).
- To install part, strip wire (S). Position sleeve so that the solder preform is over conductor and the pre-installed lead does not overlap wire insulation. Heat, using a suitable heat source and reflector until the solder preform melts and flows to form a fillet between the two wires.
- When installed as above, assembly will meet requirements of Raychem Specification RT-1404 for splices.

For best results, prepare the wire as shown:



* A trademark of Raychem Corporation.

| | | | | | | | |
|---|------------------------------------|---|--|---|------------|----------------------|--|
| Raychem | | THERMOFIT DEVICES | Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA | TITLE: PINPAK* PCB TERMINATOR | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. | | | | DOCUMENT NO: B-801-1X, B-801-4X | | | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | ANGLES: N/A ROUGHNESS IN MICRON | Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | | DCR NUMBER: D990183 | | REPLACES: D981296 | |
| DRAWN BY: M. FORONDA | DATE: 03/22/99 | PROD. REV. SEE TABLE | DOC ISSUE: 3 | SCALE: None | SIZE: A | SHEET: 1 of 1 | |

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