## SPECIFICATION CONTROL DRAWING



| Product Revisi |  | Product Dimensions |  |  |  | Cable Dimensions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product <br> Name |  | $\begin{gathered} \varnothing \mathrm{A} \\ \min \end{gathered}$ | $\begin{gathered} \text { øB } \\ \text { min } \end{gathered}$ | $\begin{gathered} \varnothing \mathrm{C} \\ \min \end{gathered}$ | $\begin{gathered} \hline \mathrm{L} \\ \max \end{gathered}$ | $\begin{gathered} \varnothing \mathrm{E} \\ \min \end{gathered}$ | $\begin{gathered} \hline ø \mathrm{E} \\ \max \end{gathered}$ | $\begin{gathered} ø \mathrm{D} \\ \max \end{gathered}$ | $\begin{gathered} \mathrm{F} \\ \max \end{gathered}$ | $\begin{gathered} \mathrm{M} \pm 1 \\ (\mathrm{M} \pm 0.04) \end{gathered}$ |
| B-070-12-08 | B | $\begin{gathered} \hline 7.0 \\ (0.275) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5.3 \\ (0.210) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5.5 \\ (0.215) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 26.5 \\ (1.045) \\ \hline \end{gathered}$ | $\begin{gathered} 2.4 \\ (0.095) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5.5 \\ (0.215) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 7.0 \\ (0.275) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5.3 \\ (0.210) \\ \hline \end{gathered}$ | $\begin{gathered} 12 \\ (0.470) \\ \hline \end{gathered}$ |
| B-070-12-11 | B | $\begin{gathered} 9.0 \\ (0.355) \\ \hline \end{gathered}$ | $\begin{gathered} 5.3 \\ (0.210) \\ \hline \end{gathered}$ | $\begin{gathered} 6.4 \\ (0.250) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 30.0 \\ (1.180) \\ \hline \end{gathered}$ | $\begin{gathered} 3.5 \\ (0.140) \\ \hline \end{gathered}$ | $\begin{gathered} 6.4 \\ (0.250) \\ \hline \end{gathered}$ | $\begin{gathered} 9.0 \\ (0.355) \\ \hline \end{gathered}$ | $\begin{gathered} 5.3 \\ (0.210) \\ \hline \end{gathered}$ | $\begin{gathered} 12 \\ (0.470) \\ \hline \end{gathered}$ |

## MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX:

SOLDER: TYPE Sn96 per ANSI-J-STD-006.
FLUX: TYPE ROM1 per ANSI-J-STD-004.
3. SHIELD: Solder impregnated, flux coated, tin plated copper braid.

SOLDER: TYPE Sn96 per ANSI-J-STD-006.
FLUX: TYPE ROM1 per ANSI-J-STD-004.

## APPLICATION

1. These controlled soldering devices are designed for shield termination of a tin, silver or nickel plated shielded cable, having an insulation rated for at least $125^{\circ} \mathrm{C}$.
2. Temperature range: $-55^{\circ} \mathrm{C}$ to $+175^{\circ} \mathrm{C}$.
3. Installation Procedure: RPIP-500-07.

For best results, prepare the cable as shown:


| Raychem | $\begin{gathered} \text { THERMOFIT } \\ \text { DEVICES } \end{gathered}$ |  | Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA | TITLE: SOLDERSHIELD* DEVICE |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. |  |  |  | document no $\mathbf{B - 0 7 0 - 1 2 - 0 8 / - 1 1 ~}$ |  |  |  |
| TOLERANCES: ANG <br> $0.00 \mathrm{~N} / \mathrm{A}$  <br> $0.0 \mathrm{~N} / \mathrm{A}$ ROU <br> $0 \mathrm{~N} / \mathrm{A}$ MIC | ANGLES: N/A Raychem reserves the right to amend this <br> drawing at any time. Users should evaluate <br> ROUGHNESS IN <br> MICRON the suitability of the product for their <br> application. |  |  | DCR NUMBER:D980599 |  | REPLACES: <br> B0701208 |  |
| DRAWN BY: <br> M. FORONDA | DATE: ${ }^{6-N o v-98}$ |  | PROD. REV. <br> SEE TABLE | $\begin{gathered} \hline \text { DOC ISSUE: } \\ 3 \end{gathered}$ | SCALE: None | $\begin{array}{r} \hline \text { SIZE: } \\ \text { A } \end{array}$ | $\begin{aligned} & \hline \text { SHEET: } \\ & 1 \text { of } 1 \end{aligned}$ |

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