CUSTOMER DRAWING


| Product Name | Product Dimensions |  |  |  | Cable Dimensions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \emptyset \mathrm{A} \\ & \mathrm{~min} \end{aligned}$ | $\begin{aligned} & \hline \text { Ø B } \\ & \text { min } \end{aligned}$ | $\begin{aligned} & \hline \emptyset \mathrm{C} \\ & \mathrm{~min} \end{aligned}$ | $\begin{gathered} \hline \mathrm{L} \\ \max \end{gathered}$ | $\begin{aligned} & \hline \emptyset \mathrm{E} \\ & \min \end{aligned}$ | $\begin{aligned} & \hline \emptyset E \\ & \max \end{aligned}$ | $\begin{aligned} & \hline \emptyset \mathrm{D} \\ & \max \end{aligned}$ | $\begin{gathered} \mathrm{F} \\ \max \end{gathered}$ | $\begin{gathered} \mathrm{M} \pm 1 \\ (\mathrm{M} \pm 0.04) \end{gathered}$ |
| B-070-12-09 | $\begin{gathered} \hline 7.0 \\ (0.275) \\ \hline \end{gathered}$ | $\begin{gathered} 5.3 \\ (0.210) \end{gathered}$ | $\begin{gathered} 5.5 \\ (0.215) \end{gathered}$ | $\begin{gathered} \hline 26.5 \\ (1.045) \end{gathered}$ | $\begin{gathered} \hline 2.4 \\ (0.095) \end{gathered}$ | $\begin{gathered} \hline 5.5 \\ (0.215) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 7.0 \\ (0.275) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5.3 \\ (0.210) \end{gathered}$ | $\begin{gathered} \hline 14 \\ (0.550) \\ \hline \end{gathered}$ |
| B-070-12-10 | $\begin{gathered} 9.0 \\ (0.355) \end{gathered}$ | $\begin{gathered} 5.3 \\ (0.210) \end{gathered}$ | $\begin{gathered} 6.5 \\ (0.255 \end{gathered}$ | $\begin{gathered} \hline 29.0 \\ (1.140) \end{gathered}$ | $\begin{gathered} \hline 3.5 \\ (0.140) \end{gathered}$ | $\begin{gathered} 6.5 \\ (0.255) \end{gathered}$ | $\begin{gathered} 9.0 \\ (0.355) \end{gathered}$ | $\begin{gathered} 5.3 \\ (0.210) \\ \hline \end{gathered}$ | $\begin{gathered} 14 \\ (0.550) \end{gathered}$ |

## MATERIALS

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

SOLDER: TYPE Sn63 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 Sn63 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 or silver plated shielded cable, having an insulation rated for at least $125^{\circ} \mathrm{C}$.
2. Temperature range: $-55^{\circ} \mathrm{C}$ to $+150^{\circ} \mathrm{C}$.
3. Installation Procedure: RPIP-500-07.

For best results, prepare the cable as shown:


|  |  |  | Raychem THERMOFIT DEVICES | TITLE: SOLDERSHIELD* DEVICE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] |  |  |  | DOCUMENT NO.: $\quad \mathbf{B - 0 7 0 - 1 2 - 0 9 / - 1 0 ~}$ |  |  |
| $\begin{aligned} & \hline \text { TOLERANCES: } \\ & 0.00 \mathrm{~N} / \mathrm{A} \\ & 0.0 \mathrm{~N} / \mathrm{A} \\ & 0 \mathrm{~N} / \mathrm{A} \\ & \hline \end{aligned}$ | ANGLES: N/A ROUGHNESS IN MICRON |  | $\begin{aligned} & \text { TE Connectivity reserves the right to } \\ & \text { amend this drawing at any time. } \\ & \text { Users should evaluate the suitability } \\ & \text { of the product for their application. } \end{aligned}$ | REV: 4 | DATE : | -APR-2020 |
| DRAWN BY: M. FORON |  | $\begin{array}{\|l\|} \hline \text { DATE: } \\ 06-\text { Nov-98 } \\ \hline \end{array}$ | $\begin{aligned} & \hline \text { ECO: } \\ & \text { ECO-20-005247 } \end{aligned}$ | SCALE: <br> NTS | $\begin{array}{r} \hline \text { SIZE: } \\ \text { A } \end{array}$ | SHEET: <br> 1 of 1 |

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