

| Product Name | Product Dimensions |  |  |  |  | Cable Dimensions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \emptyset \mathrm{A} \\ & \min \end{aligned}$ | $\begin{aligned} & \varnothing \mathrm{B} \\ & \min \end{aligned}$ | $\begin{aligned} & \varnothing \mathrm{C} \\ & \mathrm{~min} \end{aligned}$ | $\begin{gathered} \mathrm{L} \\ \max \end{gathered}$ | $\begin{gathered} \mathrm{K} \\ \mathrm{~min} \end{gathered}$ | $\begin{gathered} \phi \mathrm{D} \\ \max \end{gathered}$ | $\begin{aligned} & \varnothing \mathrm{E} \\ & \min \end{aligned}$ | $\begin{gathered} \varnothing \mathrm{F} \\ \mathrm{~min} \end{gathered}$ | $\begin{array}{r} \mathrm{G} \pm 0.5 \\ {[ \pm .02]} \\ \hline \end{array}$ | $\begin{aligned} & \mathrm{M} \pm 0.5 \\ & {[ \pm .02]} \end{aligned}$ |
| B-044-14 | $\begin{gathered} 2.20 \\ {[.087]} \\ \hline \end{gathered}$ | $\begin{gathered} 1.70 \\ {[.067]} \\ \hline \end{gathered}$ | $\begin{gathered} 0.90 \\ {[.035]} \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 24.00 \\ & {[.945]} \\ & \hline \end{aligned}$ | $\begin{array}{r} 150.00 \\ {[5.906]} \\ \hline \end{array}$ | $\begin{gathered} 2.10 \\ {[.083]} \\ \hline \end{gathered}$ | $\begin{gathered} 1.30 \\ {[.051]} \\ \hline \end{gathered}$ | $\begin{gathered} 0.30 \\ {[.012]} \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 19.0 \\ {[.75]} \\ \hline \end{array}$ | $\begin{gathered} \hline 6.0 \\ {[.24]} \\ \hline \end{gathered}$ |

## MATERIALS

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

SOLDER: TYPE Sn63 per ANSI-J-STD-006.
FLUX: TYPE ROL0 per ANSI-J-STD-004.
3. CONDUCTOR LEAD: Raychem 55A0111-24 in accordance with MIL-W-22759/32 AWG24 stranded tin plated copper. Color: white
4. GROUND LEAD: Raychem 55A0111-24 in accordance with MIL-W-22759/32 AWG24 stranded tin plated copper. Color: blue

## APPLICATION

1. This part is designed to provide an environment protected shield termination on cables, rated for $125^{\circ} \mathrm{C}$ minimum, meeting the dimensional criteria listed, having tin or silverplated shields.
2. Temperature range: $-55^{\circ} \mathrm{C}$ to $+150^{\circ} \mathrm{C}$.
3. Install using TE Connectivity-approved convection or infrared heating tools in accordance with Raychem Installation Procedure RPIP-500-03.


NOTE: For best results, prepare the cable as illustrated above.
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|  | .11 $=$ |  | Raychem Devices | TITLE : <br> COAXIAL SOLDERSLEEVE DEVICE WITH PRE-INSTALLED STRANDED WIRES |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN [.xxx] BRACKETS. |  |  |  | document no.: $\quad \mathbf{B - 0 4 4 - 1 4}$ |  |  |  |
| $\begin{aligned} & \hline \text { TOLERANCES: } \\ & 0.00 \mathrm{~N} / \mathrm{A} \\ & 0.0 \mathrm{~N} / \mathrm{A} \\ & 0 \mathrm{~N} / \mathrm{A} \end{aligned}$ | ANGLES: N/A TE Connectivity reserves the right to <br> amend this drawing at any time. <br> ROUGHNESS IN <br> MICRON Users should evaluate the suitability <br> of the product for their application. |  |  | Revision: B2 |  | Issue Date: <br> March 2020 |  |
| DRAWN BY: <br> T. NGUY | CAGE CODE:06090 |  | CAD NAME: <br> B-044-14.doc | DATE: <br> June 12, 2015 | $\begin{gathered} \text { ECO: ECO-20- } \\ 003568 \end{gathered}$ | SIZE: ${ }_{\text {A }}$ | $\begin{aligned} & \text { SHEET: } \\ & \quad 1 \text { of } 1 \end{aligned}$ |

