

## MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent clear, modified polytetrafluorethylene.
2. SOLDER PREFORM WITH FLUX:

$$
\begin{array}{ll}
\text { SOLDER: } & \text { TYPE Pb93 per ANSI/J-STD-006. } \\
\text { FLUX: } & \text { TYPE ROM1 per ANSI/J-STD-004. }
\end{array}
$$

3. MELTABLE SEALING RINGS: Modified fluorinated ethylene propylene.
4. GROUND LEAD: Tyco Electronics/Raychem 55PC0813-22-9, nickel-plated copper, AWG 22, Color - white.

## APPLICATION

1. These controlled soldering devices are designed for termination of a nickel-plated copper shield of a cable having an insulation rated for at least $200^{\circ} \mathrm{C}$ continuous.
2. Temperature range: $-65^{\circ} \mathrm{C}$ to $+200^{\circ} \mathrm{C}$.
3. Install using Raychem-approved convection or infrared heating tools or equivalent.

For best results, prepare the cable as shown:


|  | E TE | nnectivity | Raychem Devices | TITLE: <br> SOLDE <br> TERMINA <br> LEAD | EEVE ON WIT IGH TE | VICE <br> RE-I <br> ERA | IELD <br> TALLED <br> RE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] |  |  |  | DOCUMENT NO.:B-023-XX-55-22-9 |  |  |  |
| TOLERANCES: $0.00 \mathrm{~N} / \mathrm{A}$ $0.0 \mathrm{~N} / \mathrm{A}$ $0 \mathrm{~N} / \mathrm{A}$ | ANGLES: N/A ROUGHNESS IN MICRON | Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. |  | PROD. REV.: SEE TABLE | $\begin{gathered} \hline \text { DOC. ISSUE } \\ \text { B } \end{gathered}$ | DATE: | ay-14 |
| PREPARED BY: mforonda | REVISED PER:ECO-14-007657 |  |  | CAGE CODE : 06090 | SCALE: <br> None | $\begin{array}{r} \hline \text { SIZE: } \\ \text { A } \end{array}$ | SHEET: 1 of 1 |

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