AMP Circular Plastic Connectors (CPC)
Series 45 Ethernet

DESCRIPTION

- This new series of CPC products accepts RJ45 inserts. The same CPC performance interface that is widely accepted over many markets has been expanded to handle Ethernet communications through Category 5 and 5e requirements.

APPLICATIONS

- Industrial machinery, Diagnostic equipment, Communications equipment, Printers, and any potential application where Ethernet is used when the connector requirement calls for a sealed, rugged connector interface.

KEY FEATURES

- For Category 5 and 5e cables
- Sealing performance per IP 67
- Protective sealing cap available for the receptacles
- Positive lock coupling ring provides for reliable connections

- Available pass-through and field installable receptacle styles
- Unshielded and shielded product offerings

STANDARDS & SPECS

- Design Objective: 108-2203
- Application Specification: 114-13137

- Instruction Sheets: 408-8949   408-8950
                         408-8951   408-10091

FOR MORE INFORMATION

Internet:
www.tycoelectronics.com

E-mail: newproducts@
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USA: 1-800-522-6752
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RoHS Ready

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ELECTRICAL

• Meets TIA/EIA-56-B.2 Category 5 requirements

MATERIALS

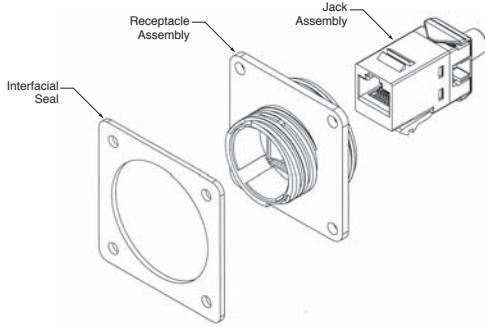• UV resistant and UL 94V-0 housing material

MECHANICAL

• Positive lock coupling ring
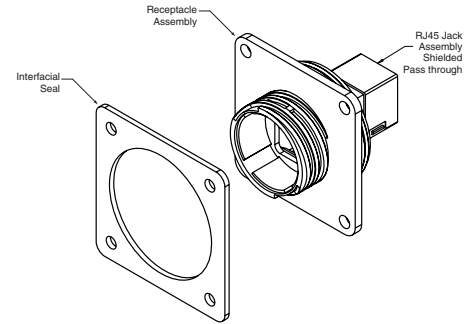• Polarized for proper mating between connector halves

• Operating temperature: -55˚C to +105˚C [-67˚F to +221˚F]

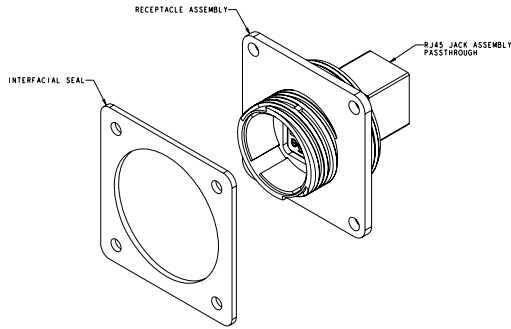## PRODUCT DIMENSIONS & PRODUCT OFFERING

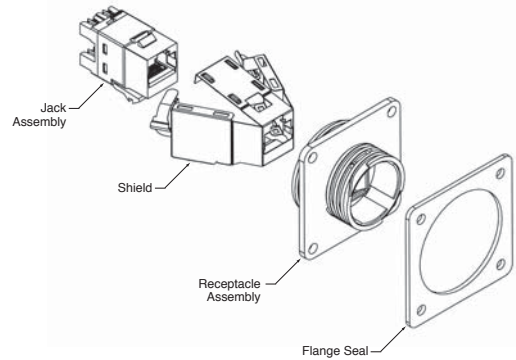Receptacle Kit, Wire Terminated, Unshielded – Part No. 1546877-1

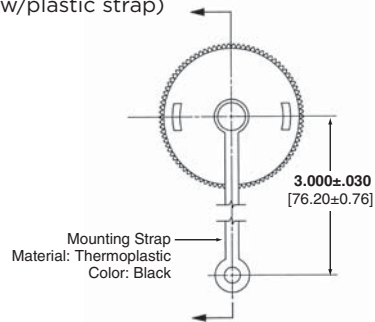Receptacle Kit, Shielded Pass-through RJ45/RJ45 – Part No. 1986172-1

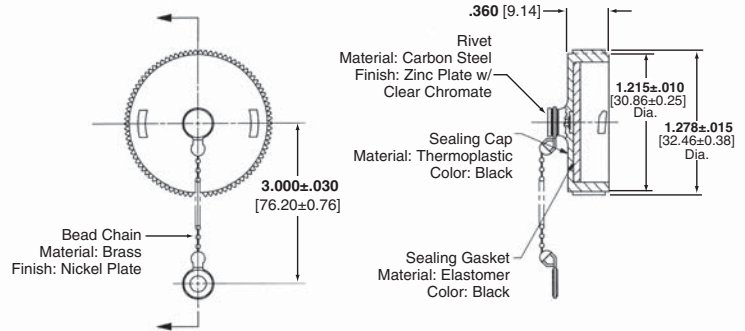Receptacle Kit, Pass-through RJ45/RJ45 – Part No. 1776186-1

Receptacle Kit, Wire Terminated, Shielded – Part No. 1546908-1

Receptacle Sealing Caps
Part No. 207445-1 (w/plastic strap)

Part No. 208652-1 (w/beaded chain)
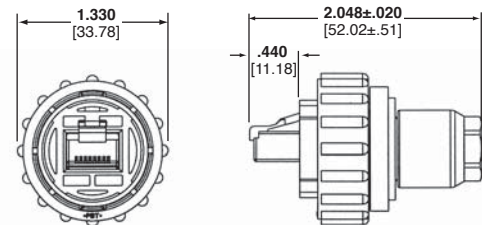
Plug Kit, Unshielded –   Solid Wire, Part No. 1546876-1
                            Stranded Wire, Part No. 1546876-2
Plug Kit, Shielded –   Solid Wire, Part No. 1546907-1
                            Stranded Wire, Part No. 1546907-2

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