tyco
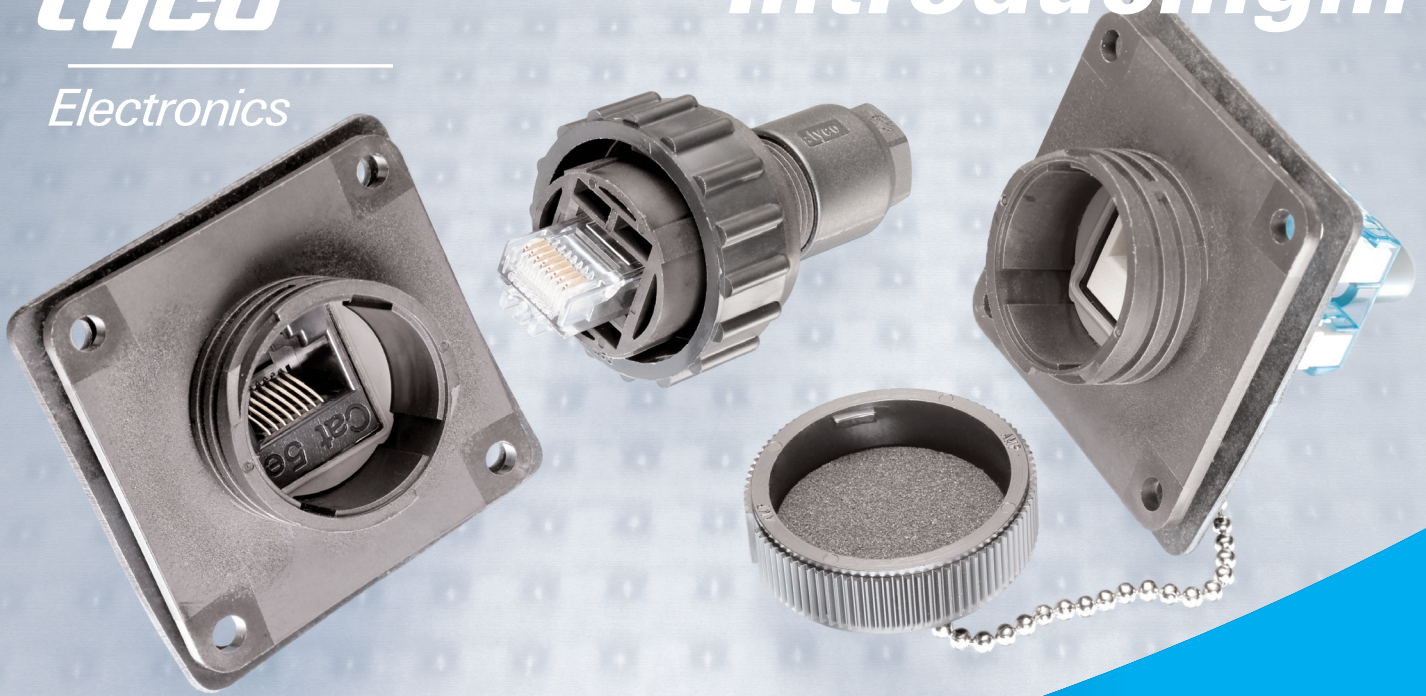## Electronics

Introducing...

RoHS Ready

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 product offerings

STANDARDS & SPECS

- Design Objective:
  108-2203

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

- Application Specification:
  114-13137

ELECTRICAL

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

MATERIALS

• UV resistant and UL 94V-0 housing material
• Operating temperature: -55°C to +105°C [-67°F to +221°F]

MECHANICAL

• Positive lock coupling ring
• Polarized for proper mating between connector halves
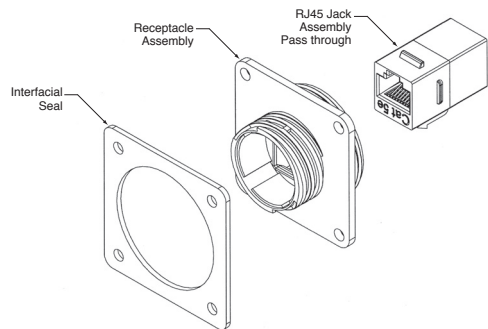
PRODUCT DIMENSIONS & PRODUCT OFFERING

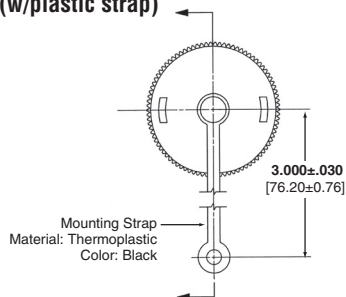**Receptacle Kit, Wire Terminated, Unshielded – Part No. 1546877-1**
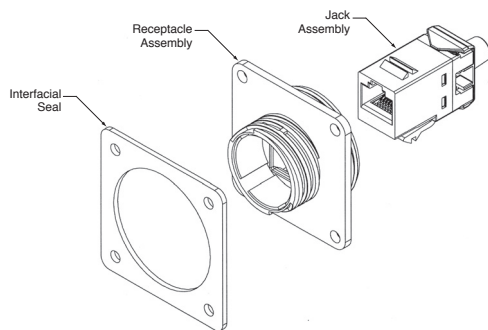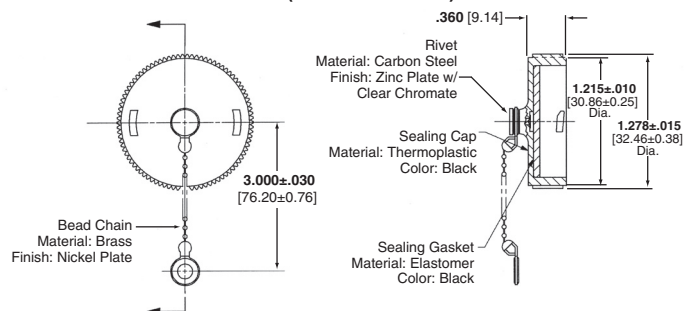
Plug Kit, Unshielded – Part No. 1546876-1
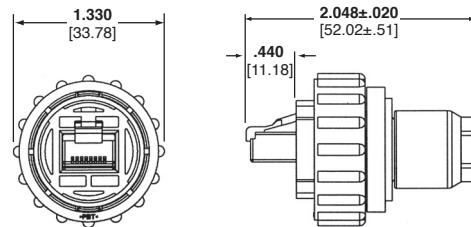
Receptacle Kit, Pass-through RJ45/RJ45 – Part No. 1776186-1

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

Part No. 208652-1 (w/beaded chain)

FOR MORE INFORMATION