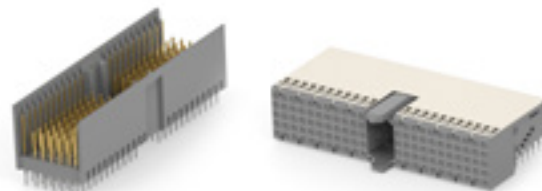


## INTRODUCING

# Z-PACK 2MM HARD METRIC (HM) EYE OF NEEDLE (EON) CONNECTOR

- Support CompactPCI Express
- Robust design and quality
- Economical signal transmission



Our new Z-PACK 2mm Hard Metric (HM) Eye of Needle (EON) connector addresses the current and future needs of telecommunication, computer and instrumentation applications providing excellent electrical and mechanical characteristics at an economical price, offering customer flexibility to use thinner PCBs for more cost-efficient designs.

## APPLICATIONS

- Medical imaging devices
- Relay protection of power systems
- High speed railway systems

## TARGET MARKETS

- Industrial Automation & Control
- Telecommunication
- Test & Measurement

## ELECTRICAL

- Max Voltage: 750V r.m.s contact-to-contact
- Max Current: 1.5A per contact at 70°C
- Contact Resistance: Max 20mΩ

## MATERIALS

- Contacts: Copper alloy; Gold plating
- Connector Housing: UL 94V-0

## STANDARDS & SPECIFICATIONS

- Product Spec: 108-19082
- Application Spec: 114-160149
- IEC 61076-4-101
- Specified connector by CompactPCI Express Specification

## KEY BENEFITS

- With the introduction of our new Z-PACK 2mm Hard Metric (HM) Eye of Needle (EON) connector, TE offers a broad connector portfolio, including Z-PACK HM-Zd, Z-PACK 2mm eHM and UPM, that is compatible with the CompactPCI Express specification
- The new Z-PACK 2mm Hard Metric (HM) Eye of Needle (EON) connector is compatible with the CompactPCI Express specification and IEC 61076-4-101, providing excellent electrical and mechanical performance
- Two contact options now available – Action Pin posts & EON
- TE's fully automated assembly line helps reduce production lead time, which can benefit customer supply chain planning against the competition
- Thermoplastic housing enables operating temperature from -55 to 125°C
- Support hot swap functions and different keyings

## MECHANICAL

- Mechanical dimensions provided in customer drawings
- 250 mating/unmating cycles

## LEARN MORE

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