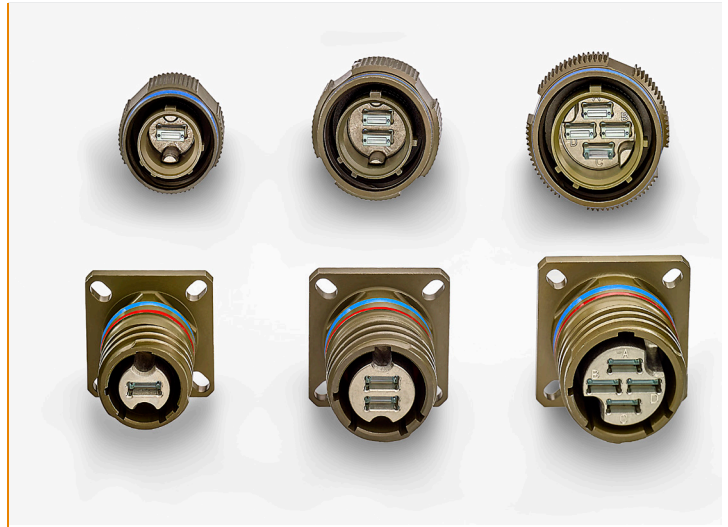


INTRODUCING

VITA 87 HIGH DENSITY CIRCULAR MT CONNECTORS

- Enables high speed and bandwidth needed in a smaller space for next generation ruggedized systems



TE Connectivity (TE)'s VITA 87 Mil Circular 38999 Fiber Optic Interconnect product line offers a much higher density Mil Circular fiber optics option that is more aligned with industry architecture needs. These new architectures require considerably higher density to fit into industry standard card slots.

These products will also be a part of global VITA and SOSA standards, ensuring supply and enabling customers to confidently design this product into their next generation systems. VITA 87 fills this need and is a significant improvement over previous offerings.

TARGET MARKETS

- Aerospace
- Ground Based Systems
- Avionics Systems

APPLICATIONS

- High density circular military fiber optics cable assemblies
- High density optical add on / options cards
- High density ruggedized applications in general using MIL-Std 38999

KEY BENEFITS

- **HIGH DENSITY**
Can accommodate most next generation high density ports and mating card slots
- **EASY**
Standard interconnect system uses 38999 circular connectors with MT inserts
- **LOWER COST/MAXIMUM AVAILABILITY**
Advantages of VITA 87 and SOSA standardization efforts versus sole sourced products
- **FLEXIBLE**
Can be used with both standard MT and expanded beam / lensed MT
- **VERSATILE**
12 and 24 fiber options available, resulting in potentially the highest density in the industry

PERFORMANCE

- Temperature Range: -40°C to +85°C
- Random Vibration: TIA/EIA=455-11
- Mating Durability: 100 Cycles
- Mechanical Shock: TIA/EIA=455-14

MATERIALS

- Retainer Plate: Aluminum
- Fiber Insert: Nickel Silver Copper
- Captive Screws: Stainless Steel
- Insert Retaining Ring: Stainless Steel
- Shell Body: Aluminum
- Interfacial Seal: Rubber

STANDARDS

- VITA 87
- SOSA™

LEARN MORE

[VITA 87 Landing Page](#)

[VITA 87 Brochure](#)

[VITA 87 Parts List](#)