INTRODUCING

EMI SHIELDING CONNECTOR GASKETS AND JAM NUT SEALS IN SNA AND FNA MATERIALS

- **High-performance EMI shielding, material tested up to 40 GHz**
- **Excellent corrosion performance with aluminum metalwork**



TE Connectivity's fluorosilicone nickel aluminum (FNA) and silicone nickel aluminum (SNA) connector gaskets and jam nut seals, are essential to address radio frequency interference/electromagnetic interference (RFI/EMI) shielding challenges. These products are designed to meet demanding standards for mitigating electromagnetic interference in a variety of applications. These materials use a nickel-plated aluminum conductive filler delivering high shielding performance and offer excellent corrosion performance with aluminum metalwork. The FNA option also provides resistance to fuels and oils. The FNA and SNA gaskets, and robust jam nut seals, ensure a reliable seal and superior electromagnetic compatibility. Manufactured to precise specifications, these components are essential for helping maintain the integrity and performance of sophisticated electronic systems.

APPLICATIONS

- Cable-to-panel connector applications for demanding applications requiring EMI shielding
- Aerospace, defense & marine (AD&M) communications equipment
- AD&M ground vehicles
- AD&M aerospace, engine control units, control equipment
- AD&M marine, control equipment

ELECTRICAL

- Volume resistivity (max ohm-cm) 0.1
- Material shielding effectiveness tested up to 40 GHz

MECHANICAL

- Operating temperature: -55°C to 125°C
- FNA option provides resistance to fuels and oils

MATERIALS

- 2 material options
- Silicone nickel aluminum
- Fluorosilicone nickel aluminum

KEY BENEFITS

- High performance EMI shielding, material tested up to 40 GHz
- Excellent corrosion performance with aluminum metalwork
- Both materials will provide an environmental seal
- Both materials offer excellent temperature range, compression set, and aging properties
- FNA option offers resistance to fuels and oils

STANDARDS AND SPECIFICATIONS

- Standard sizes available to suit the following connector types:
  - MIL-DTL-5015
  - MIL-DTL-38999
  - MIL-DTL-26482

LEARN MORE

- Connector Gasket Landing Page
- Jam Nut Seal Landing Page
- Connector Gasket Datasheet
- Jam Nut Seal Datasheet

© 2024 TE Connectivity Ltd. family of companies. All Rights Reserved.
TE Connectivity and TE connectivity (logo) are trademarks owned or licensed by the TE Connectivity Ltd. family of companies.