JAM NUT RECEPTACLE SIZE 11 & 13

Productsheet
Jam Nut Receptacle - size 11 & 13

V2.0, 2022-05-09

Micropol Fiberoptic AB
Älvdalsvägen 4
313 50 Åled

Phone: +46 (0)35 17 85 39
Mail: info@micropol.com

The Jam Nut Receptacle is developed to meet the demands of fiber connection in harsh enivronments.

With its metal-to-metal bottoming and its grounding fingers it has an excellent EMI grounding protection. The Jam Nut Receptacle is easy mounted with self-locking threaded couplings and its elongated mounting holes. It is flexible and can be mounted with standard MIL-DLT-38999 box or wall mount receptacles.

This receptacle is sealed with high-quality silicone to optimize tear resistance and sealing memory.

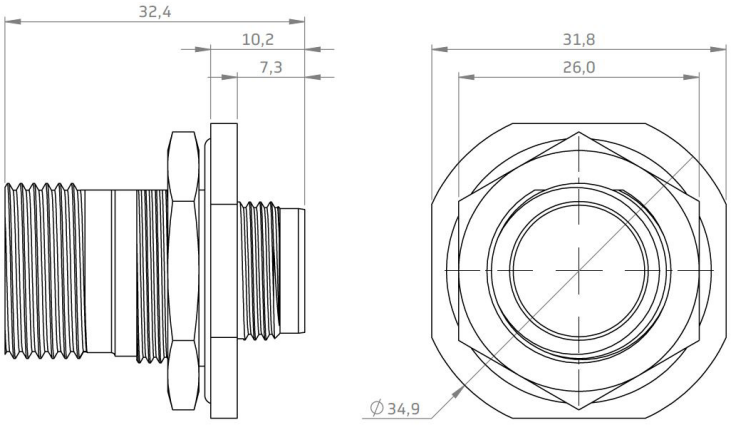
PART NUMBER

Jam Nut Receptacle size 11	MP-38999-JN11-4SM
Jam Nut Receptacle size 13	MP-38999-JN11-4SM

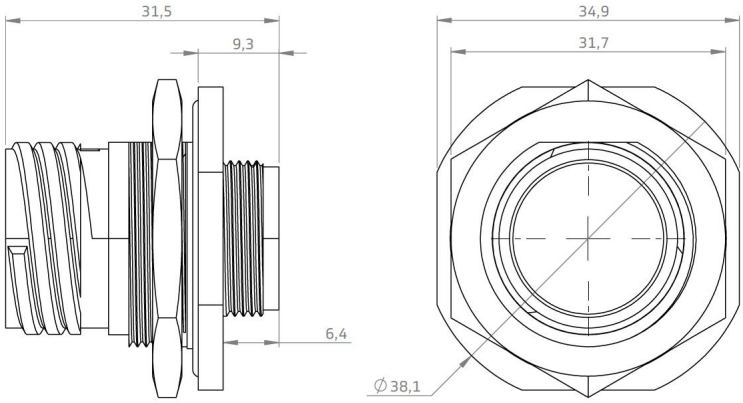
FEATURES

- Self-locking threaded coupling
- 100% scoop proof
- Contact retention system provides excellent contact retention under severe vibration
- Grounding fingers for excellent EMI protection
- Metal-to-metal bottoming for maximum EMI grounding protection
- Connector is grounded when the shells meet, even before the contacts are engaged
- Trapezoidal thread for excellent shell-to-shell continuity
- Variety of shell materials and finishes

JAM NUT RECEPTACLE - SIZE 11



JAM NUT RECEPTACLE - SIZE 13



MICROPOL

JAM NUT RECEPTACLE SIZE 11 & 13

Materials

Shell	Aluminum
Plating	Black zinc nickel
Insert	Thermoplastic and fluorinated silicone elastomer
EMI Spring Fingers	Nickel
O-Ring	Fluorinated silicone elastomer

Environmental

Temperature Range	-65°C to +200°C
Fluid Resistance	Fluid immersion per EIA 364.10, including resistance to: MIL-PRF-5606: Hydraulic fluid MIL-DTL-83133: JP-8 aviation fuel MIL-PRF-7808: Lubricating oil MIL-PRF-23699: Lubricating oil MIL-A-8243: Deicing/defrosting fluid MIL-C-25769: Aircraft cleaning compound MIL-PRF-87937: Aircraft cleaning compound MIL-G-3056: Gasoline
Salt Spray	500 hours Black zinc nickel 2000 hours (Composite classes M and J)
Thermal Cycling	-65°C to +150/175/200°C (max temperature is class dependent)

Mechanical

Sine Vibration	Up to 60 g for 36 hr.
Random Vibration	Up to 41.7 g for 16 hr. at 175°C Up to 50 g for 16 hr. at ambient temperature
Shock	300 g, 3 ms in the 3 axes
Durability	500 matings cycles (1500 cycles for composite connectors)

MICROPOL