


Part No:

# HAD-185J24P



## 1.85mm Female to 2.4mm Male Adapter - 50 GHz

### Features

- RoHS Compliant 
- Thermal Shock: MIL-STD-202, Method 107, Cond. B
- Moisture Resistance: MIL-STD-202, Method 206
- Corrosion: MIL-STD-202, Method 101, Cond. B
- Interface: MIL-STD-348B (2.4mm), IEEE287; IEC61169-32 (1.85mm)

HAD-185J24P is a 1.85mm Female to 2.4mm Male between series adapter manufactured by HASCO Components. This between series 1.85mm to 2.4mm coax adapter will operate up to 50 GHz and offers a VSWR of 1.15:1. Adapters that have a male to female or plug to jack configuration are known as “connector savers.” Typically, a low loss or low VSWR male to female adapter is placed on more expensive component connectors to prevent damage.

### Electrical

- Impedance 50  $\Omega$
- Frequency Range DC - 50 GHz
- VSWR 1.15:1 Max
- Insertion Loss  $\leq 0.05 \times f(\text{GHz})$  dB
- Insulation Resistance  $\geq 5000M\Omega$
- Diel. Withstanding Voltage 500 V rms (sea level)
- Working Voltage 150 V rms (sea level)
- RF Leakage  $\geq 100$  dB to 1 GHz

### Mechanical

- Coupling Nut Torque 7.08 to 9.74 in/lbs
- Coupling Proof Torque 15 in/lbs
- Contact Captivation Axial  $\geq 4.5$  lbs
- Durability  $\geq 500$

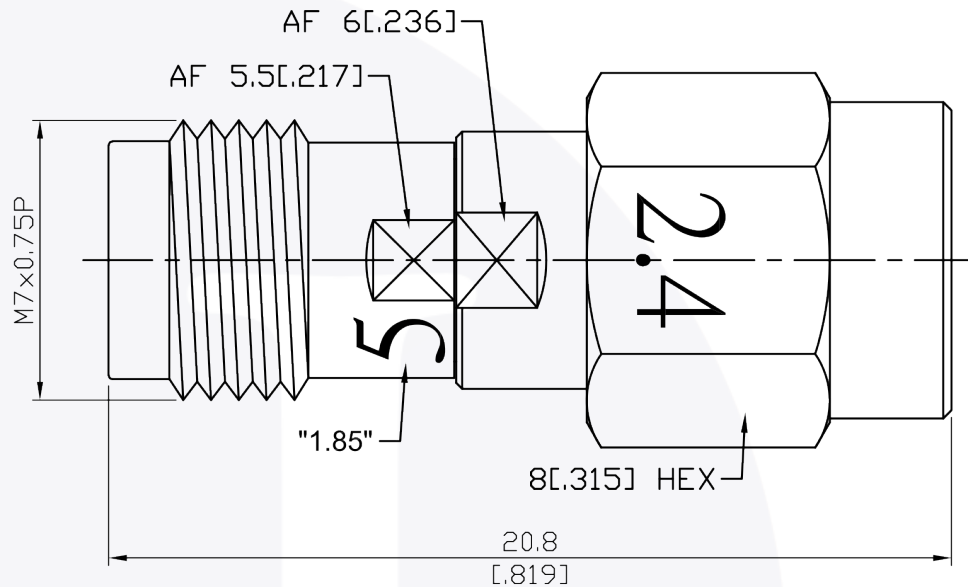
### Environmental


- Temperature Range -40°C to 165°C

### Material

- Connector Body & Nut Passivated Stainless Steel
- Center Contact Gold Plated BeCu
- Dielectric PEI
- Gasket Silicone

# 1.85mm Female to 2.4mm Male Adapter | DC - 50 GHz | Outline Drawing



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