TECHNICAL SPECIFICATION

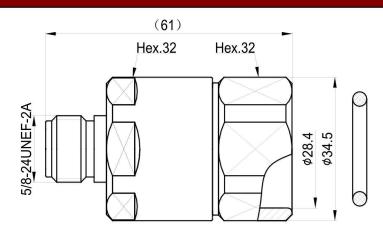
HXQJ15657

NF-7/8"L

Rev:A/0

1. Figure





2. Product Description

NF-7/8"L N Straight Female Connector for 7/8" Flexible RF Cable

3. Material and Plating

Inner Conductor Pin Brass / Silver Plating

Inner Conductor Socket Tin Bronze / Silver Plating

Insulator PTFE/TPX

Body & Outer Conductor Brass / Trimetal Plating

Gasket Silicon Rubber

Nut

4. Electrical Characteristics

Characteristics Impedance 50 Ohm Frequency Range DC~18GHz ≥10000MΩ Insulation Resistance Dielectric Withstanding Voltage 2500V rms Operating Voltage 1400V rms ≤1.00 mΩ Center contact resistance Outer contact resistance ≤0.25 mΩ Insertion Loss ≤0.05dB Return Loss(dB) @0.8-1.0 GHz ≥30

≥28 @1.7-2.2 GHz

PIM3 @900MHz ≤-116dBm

5. Environmental and Mechanical Specifications

Durability (matings) ≥500 cycles

Mechanical Shock Test Method MIL-STD-202, Method 213, Test Condition D

Vibration Test Method MIL-STD-202, Meth. 204, Cond. A

-65°C to +85°C Temperature Range

RoHS Compliant

IP68 Sealing Class

The facts and figures contained herein are carefully complied to the best of our knowledge, but they are intended for general informational purposes only.