TECHNICAL SPECIFICATION

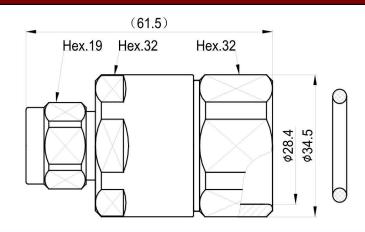
SPECIFICATION HXQJ15656

NM-7/8"L

Rev:A/0

1. Figure





2. Product Description

NM-7/8"L N Straight male 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 Brass/Nickel Plating

4. Electrical Characteristics

Characteristics Impedance 50 Ohm Frequency Range DC~18GHz Insulation Resistance ≥10000MΩ Dielectric Withstanding Voltage 2500V rms Operating Voltage 1400V rms Center contact resistance ≤1.00 mΩ Outer contact resistance ≤0.25 mΩ Insertion Loss ≤0.05dB Return Loss(dB) @0.8-1.0 GHz ≥30 @1.7-2.2 GHz ≥28

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

Temperature Range -65°C to +85°C

RoHS Compliant

Sealing Class IP68

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