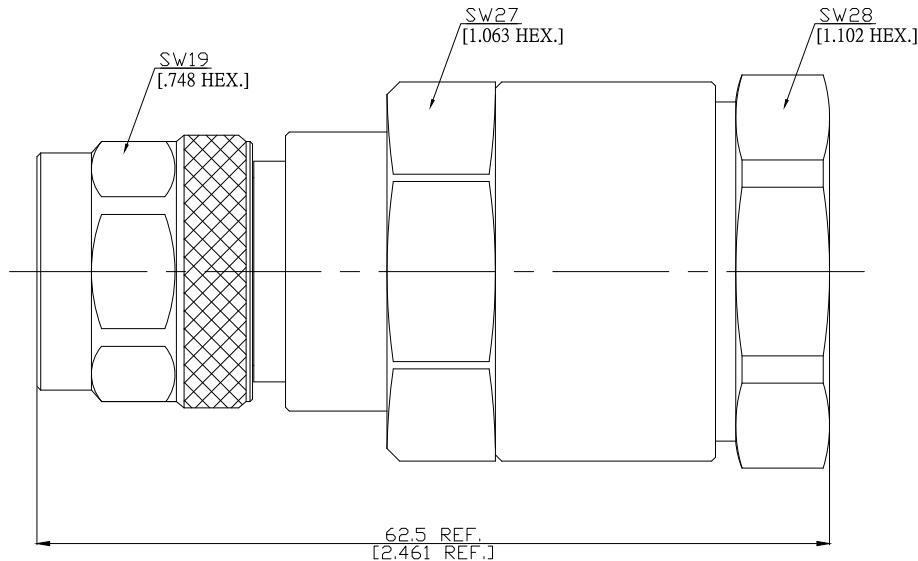


N Plug (Male) Straight Connector, Cable Entry: Clamp,  
Contact Pin: Plug-in Attachment for 7/8", DC-5GHz

## N1D50-LCF78-50J / 9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 60169-16; MIL-STD-348/304; CECC 22 210

### Electrical Data

Impedance

50 Ω

Frequency

DC to 5 GHz

VSWR (Return Loss)

≤ 1.35 (≥ 16.54 dB)

Insertion loss

≤ 0.05 dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1 mΩ

Outer Contact Resistance

≤ 0.25 mΩ

Working Voltage(at sea level)

500 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

1000 W @ 1 GHz

700 W @ 2 GHz

-VSWR in application depends decisive on cable assembly process-

### Material And Plating

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel

N Plug (Male) Straight Connector, Cable Entry: Clamp, Contact Pin: Plug-in Attachment for 7/8", DC-5GHz

**N1D50-LCF78-50J / 9XX**

## Mechanical Data

## Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

## Packing

Single or 100