

# N Connector

## Crimp Type Plug, 3 Piece



### Electrical Characteristics

Impedance	: 50Ω nominal
Frequency range	: 0-11 GHz
Working voltage	: 500V RMS at sea level
Dielectric withstanding voltage	: 1,500V RMS at sea level
Corona level	: 375V Min. at 70,000ft
Contact resistance	: Outer - 0.2mΩ Max. Center - 2.1mΩ Max.
Insulation resistance	: 5,000MΩ Min.

### Environmental Characteristics

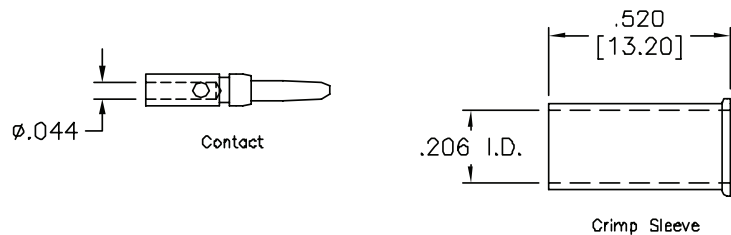
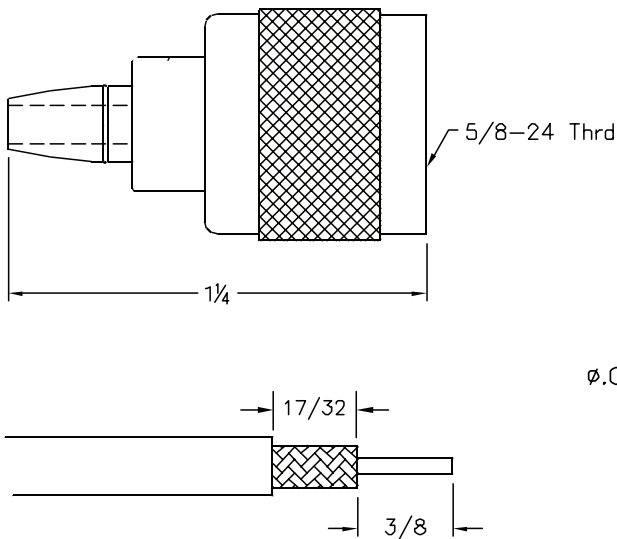
Recommended temperature range	: -55°C to +85°C
Moisture Resistance	: MIL-STD-202

### Mechanical Characteristics

Durability	: 500 cycles
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### Materials

Body and coupling nut	: Brass
Contact	: Brass
Crimp Sleeve	: Brass
Insulator	: TPX
Gasket	: Silicone Rubber
Plating	: Body - Nickel
Crimp sleeve - Nickel	
Contact - Gold	



Recommended Stripping for RG-58 Cable  
18 AWG (0.043) - Jacket O.D. 0.185 ~ 0.205 - Hex Size 0.213

Dimensions : Inches (Millimetres)

### Part Number Table

Description	Part Number
N Connector, Crimp Type Plug, 3 Piece	CPN-58

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