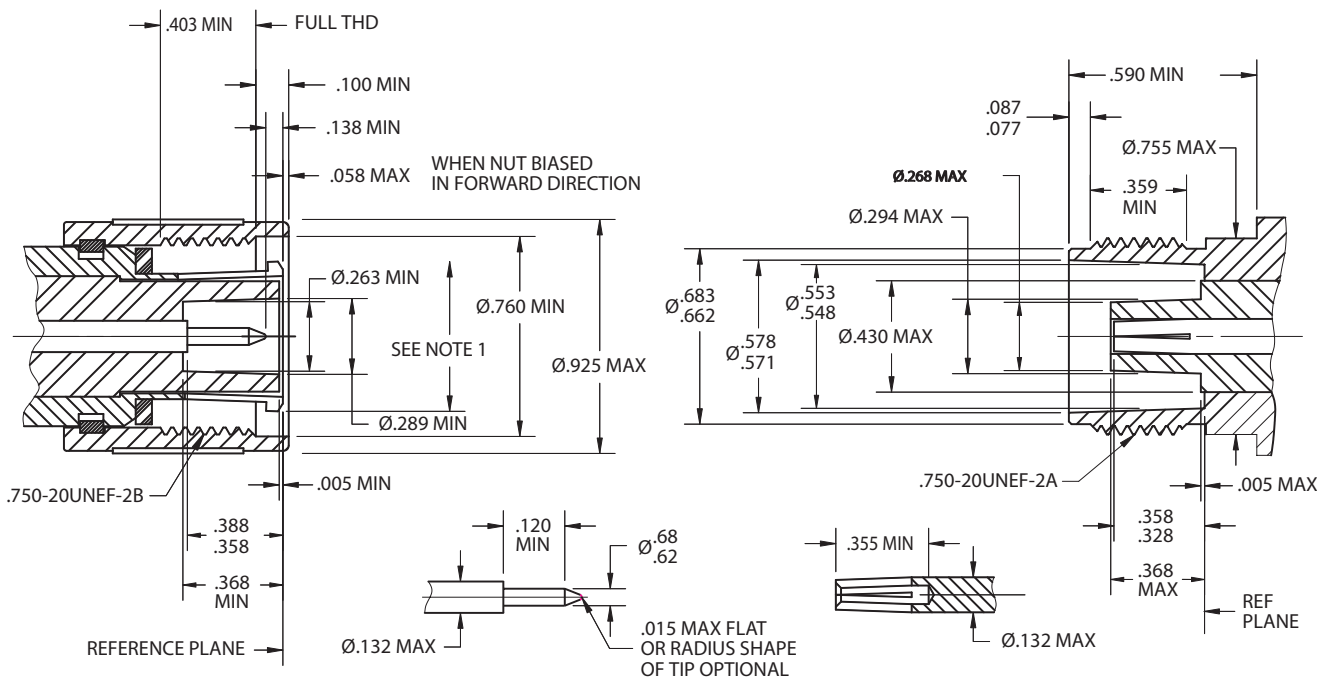




The Power of Creativity™

## HN INTERFACE



Note 1. The ID of contact fingers when inserted into Ø.548 ID Max test ring shall be Ø.432 Min

### ELECTRICAL

Nominal Impedance	50 ohms
Frequency Range	DC to 4 GHz
Voltage Rating	1,500 volts rms
Dielectric Withstanding Voltage	5,000 volts rms
Insulation Resistance	5,000 megohms
VSWR	1.35 max DC - 7 GHz

### MECHANICAL

Mating Characteristics	per MIL-C-3643
Connector Durability	500 cycles min.
Cable Attachment	Clamp

### MATERIALS / FINISHES

Body	Brass, Silver or Nickel Plated
Contacts (Inner)	Female: Beryllium Copper, Silver or Gold Plated Male: Brass, Silver or Gold Plated
Contacts (Outer)	Brass, Silver or Nickel Plated
Contacts (Slotted)	Beryllium, Silver or Nickel Plated
Insulators	PTFE or Rexolite
Gaskets & Seals	Silicone Rubber

### ENVIRONMENTAL

Temperature Range	-85°F to +329°F (-65°C to +165°C)
Vibration	MIL-STD-202 Method 204 (Test Cond. B)
Shock	MIL-STD-202 Method 213 (Test Cond. I)
Moisture Resistance	MIL-STD-202 Method 106
Corrosion (salt spray)	MIL-STD-202 Method 101 (Test Cond. B)

TRU Corporation

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