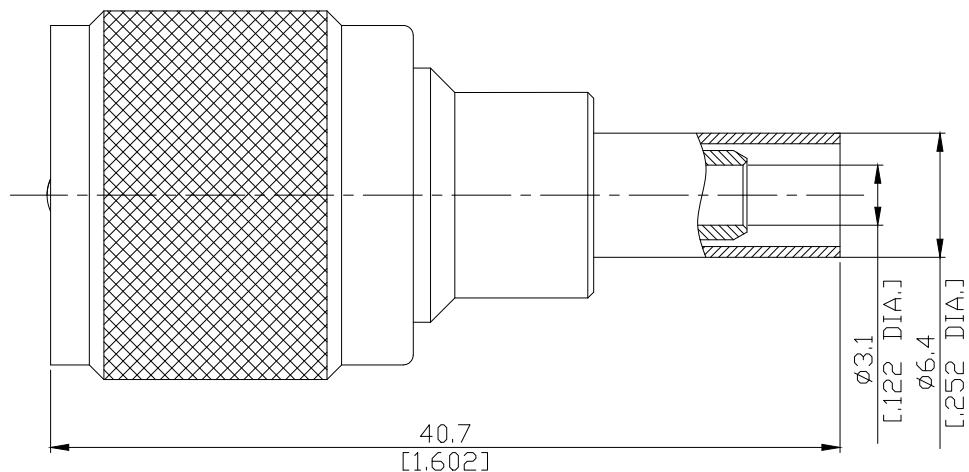


UHF Plug (Male) Straight Connector,
Center Pin: Solder, Cable Entry: Crimp, DC-300 MHz

UHF1CN0-G058A / 144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-12

Electrical Data

Impedance

Non-constant

Frequency

DC to 300 MHz

VSWR (Return Loss)

≤ 1.30 (≥ 17.69 dB)

Insertion Loss

≤ 1.22 (≥ 20 dB)

Insulation Resistance

≥ 5 GΩ

Center contact resistance

≤ 5 mΩ

Outer contact resistance

≤ 5 mΩ

Test Voltage (at sea level)

2000 V rms

Working Voltage (at sea level)

750 V rms

- Limitations are possible due to the used cable type -

Material And Plating

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

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Mechanical Data

Coupling Mechanisms	Screw Lock
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 30 N

Environmental Data

Temperature Range	-25 °C to +70 °C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition G
RoHS	compliant

Packing

Single or 100

**UHF Plug (Male) Straight Connector,
Center Pin: Solder, Cable Entry: Crimp, DC-300 MHz**

UHF1CN0-G058A / 144

Connector Type:	UHF1C50-G058A/144	Inner Conductor Contact:	Soldered or Crimped
Suitable Cable:	RG58, RG141	Outer Conductor Contact:	Crimped
Parts List of Connector:			
Assembly Steps:			
Picture	Process	Attention/Check	Tools Required
	Push ferrule "C" over the cable. Prepare the cable according to the diagram.	Do not damage center contact, dielectric and braid.	Blade Scissor
	Push contact "B" over inner conductor of cable up to cable dielectric and solder or crimp.	Contact "B" flush to dielectric.	Crimp tool: CT-L3 Crimp insert: CI-L33F2A
	Splay out braid and insert cable in connector body "A".	Ensure that braid lies above crimp neck.	
	Slide ferrule "C" over braid until it to stop and crimp.	Crimp as close to connector body "A" as possible.	Crimp tool: CT-L3 Crimp insert: CI-L33F2A