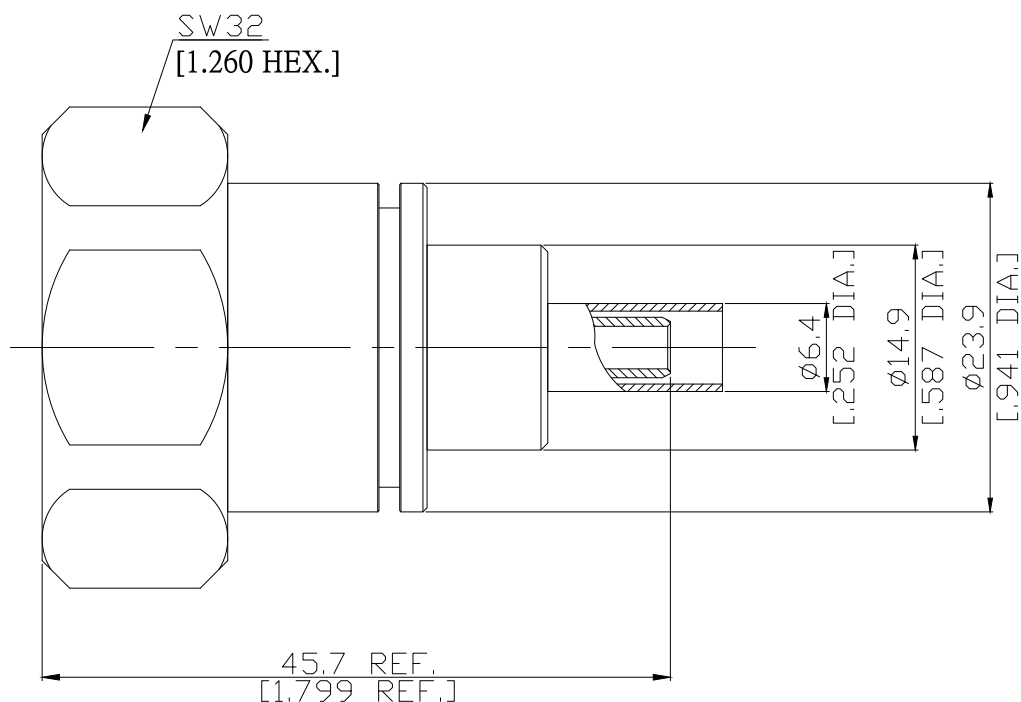




7/16 Cable Crimp Plug (Male) DC-3GHz VSWR≤1.1

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All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 61169-4

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 3 GHz
VSWR (Return Loss)	≤ 1.1 (≥ 26.4 dB)
Insertion Loss	≤ 0.05 dB
Insulation Resistance	≥ 10 GΩ
Test Voltage (at sea level)	1000 V rms
Center contact resistance	≤ 0.8 mΩ
Outer contact resistance	≤ 0.2 mΩ
Proof Voltage (at sea level)	1500 V rms

**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	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Copper-Tin-Zinc-Alloy

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:  
Date:  
12/7/2020

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**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	1000 N
Center Contact Captivation: axial	≥ 200 N
radial	≥ 2 Ncm
Recommended Torque	25 to 30 Nm
Proof Torque	≤ 35 Nm .

**Environmental Data**

Temperature Range	-55°C to +85°C
Weather Standard	IEC 60068 55/155/56
Thermal Shock	US MIL-STD 202.METH.107, COND.B
Vibration	US MIL-STD 202.METH.204, COND.B
Shock	US MIL-STD 202.METH.213, COND.I
RoHS	compliant

**Packing**

Single or 100