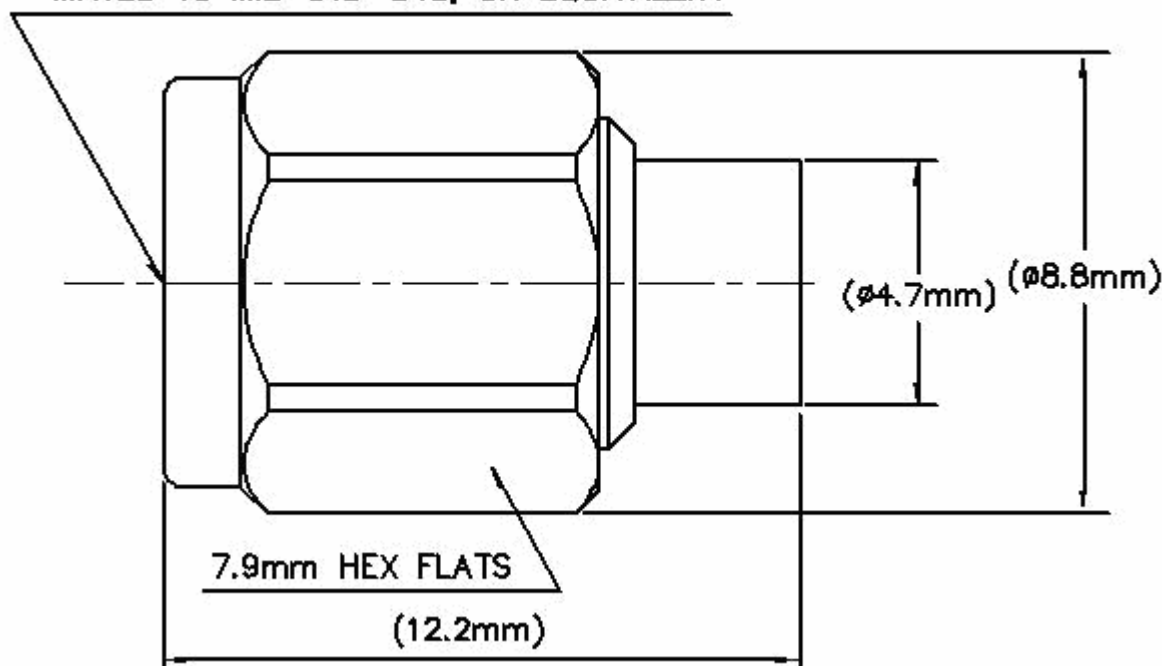


CN2100

SMA Male Connector for 0.141 Cable

MATES TO MIL-STD-348, OR EQUIVALENT



CHARACTERISTICS

Electrical

Recommended maximum operating frequency, GHz	18.00
RF operating voltage, max, VRMS	500.00
Insulation resistance, min, Megaohms	5,000.00
Connector impedance, ohms	50.00
Cable impedance, ohms	50.00
Insertion loss, max, dB	0.05 $\sqrt{\text{frequency(GHz)}}$
Connector Return Loss, dB	
<u>Start</u>	<u>Stop</u>
0.00	2.70 GHz
	<u>Return Loss</u>
	35.00

Mechanical

Inner attachment method	Solder
Pressurizable	No
Minimum coupling nut torque, N-m (lb-in)	1.00 (8.85)
Minimum connector retention tensile force, N (lb)	270.00 (60.70)

Environmental

Operating temperature range, °C	-65.00°C - 125.00°C
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Components

Coupling Nut	Material: Stainless Steel
	Exterior finish: Passivate

Customer Support Center:

From North America: 1-800-255-1479
International: +1-708-873-2307

www.andrew.com

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07 July 2004

CN2100

SMA Male Connector for 0.141 Cable

Body

Material: Brass

Exterior finish: Gold Plate

Inner Contact

Material: Brass

Exterior finish: Gold Plate

Insulator

Material: PTFE

O-Ring

Material: Silicone Rubber