

PART NUMBER

**KCC189551**

REV.

DATE

COMMENTS

INITIAL

**Electrical Data**

Impedance	50 $\Omega$
Frequency Range	DC - 18GHz.
Insertion Loss	0.05/f(GHz) dB
Insulation Resistance	5,000 M $\Omega$
Dielectric Withstanding Voltage	2,500 VRMS
VSWR	1.20
RF Leakage	-60dBm min , Between 2-3 GHz

**Mechanical Data**

Durability	500 Matings
Recommended Coupling Torque	6.0 in-Lbs
Coupling Torque	4.4in-Lbs min -8.8in-Lbs Max
Coupling Nut Retention Force	$\geq 200N$
Life	500 matings
Contact Captivation	$\geq 27N$

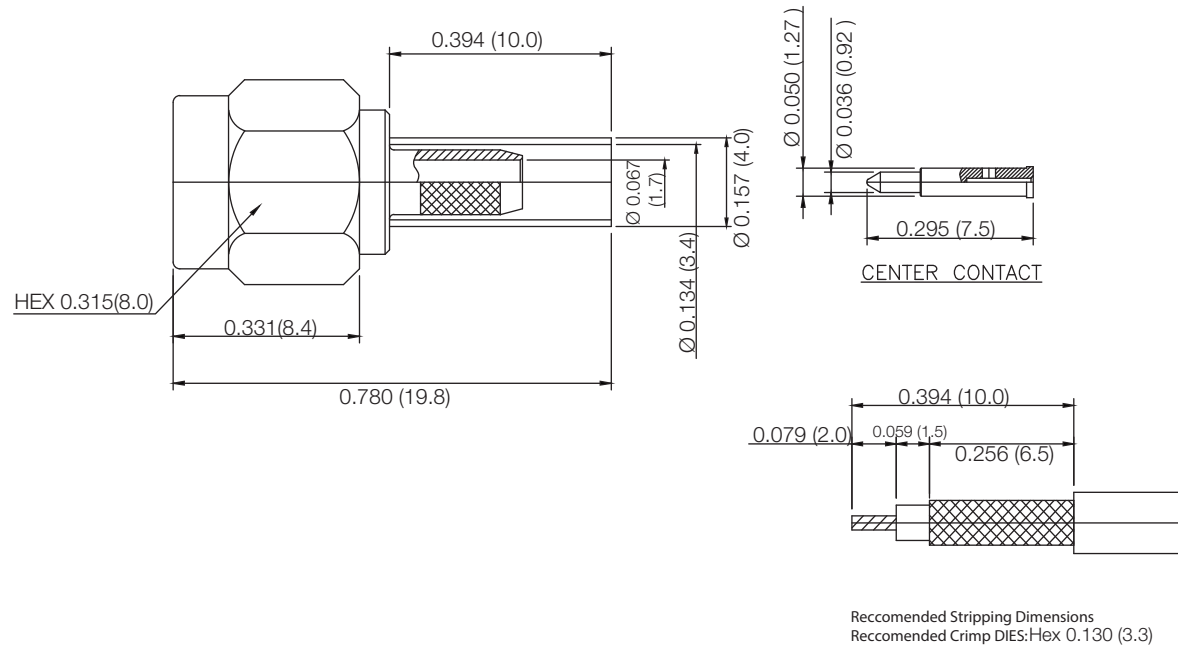
**Environmental Data**

Temperature Range	-65 °C - 125 °C
Corrosion Resistance	MIL-STD-202, Method 101, Condition B.
Moisture Resistance	MIL-STD-202, Method 106
Thermal Shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I

**VSWR and Frequency Range Specifications are for reference and are dependant on cable type and other application specific conditions**

**Drawing not to scale. Dimensions for reference only**

**Units: inches (mm)**

**RoHS Compliant****Konnect RF**

WWW.KONNECTRF.COM  
1-800-790-5887

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DESCRIPTION

**SMA Straight Male Plug, Crimp**

CAGE CODE

**664U0**

SIGNATURE

X

**Cable Types:** RG-316D**Component**

Body & Coupling Cap  
Center Contact  
Ferrule  
Insulator  
Gasket

**Material**

Brass  
Brass  
Brass  
PTFE  
Silicone Rubber

**Plating**

Gold (No Nickel Underplated)  
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