

PART NUMBER

**KCC189304**

REV.

DATE

COMMENTS

INITIAL

**Electrical Data**

Impedance	50 $\Omega$
Frequency Range	DC-40 GHz
Insertion Loss	$0.04\sqrt{F(\text{GHz})}$ dB Max
Voltage Rating (Sea Level)	170 VRMS Max
Voltage Rating (70,000 ft)	45 VRMS Max
Dielectric Withstanding Voltage	500 VRMS Min
Insulation Resistance	5,000 M $\Omega$
RF Leakage	-90 dB Min
Corona Level (70,000 ft)	125 VRMS Min
RF High Potential (5-7.5 MHz)	325 VRMS Min

**Mechanical Data**

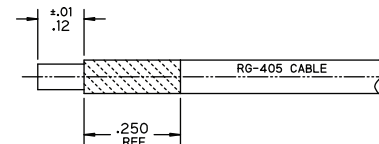
Temperature Range:	-65 °C - 150 °C
Durability	500 Cycles Min
Recommended Mating Torque	8-10 IN-LBS
Force To (Dis)Engage	2 IN-LBS Max
Cable Retention	30 LBS Min (Non-Operational)

**Standards**

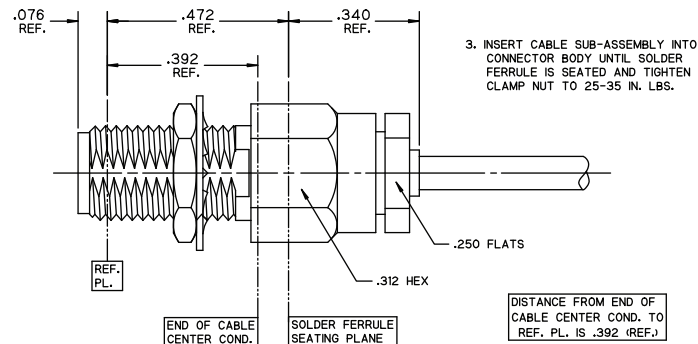
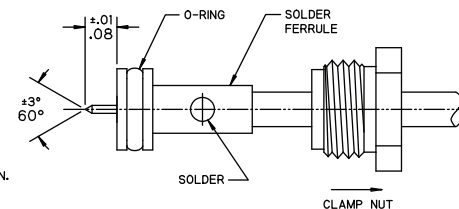
MIL-STD-348	
Corrosion	MIL-STD-202, Method 101, Condition B 5%
Moisture Resistance	MIL-STD-202, Method 106
Thermal Shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Mechanical Shock	MIL-STD-202, Method 213, Condition I

RoHS Compliant

- 1A. TRIM CABLE TO EXPOSE DIELECTRIC CORE AS SHOWN.
- 1B. PRE-TIN CABLE JACKET TO APPROXIMATE DIMENSION SHOWN.



- 2A. SLIDE CLAMP NUT ONTO CABLE IN ORIENTATION SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL FULLY SEATED, THEN SOLDER CABLE TO FERRULE WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FERRULE FACE (DO NOT SCORE CENTER CONDUCTOR), THEN POINT CENTER CONDUCTOR AS SHOWN.



Drawing not to scale. Dimensions for reference only

Units: inches

**Konnect RF**

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

PART NUMBER

**KCC189304**

DESCRIPTION

**2.92mm Straight Female Jack, Bulkhead Rear Mount, Clamp/Solder**

CAGE CODE

**664U0**

SIGNATURE

X

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**Component**

Body & Bushing  
Lock Nut & Clamp Nut  
Center Contact  
Ferrule  
Gasket

**Material**

Stainless Steel  
Stainless Steel  
BeCu  
Brass  
Silicone Rubber

**Plating/Finish**

Passivated  
Passivated  
Gold  
Gold