

PART NUMBER

**KLP177120**

REV.

DATE

COMMENTS

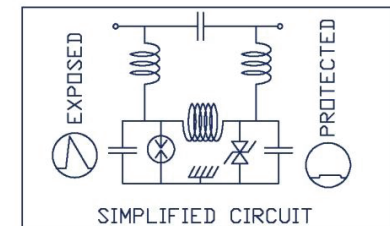
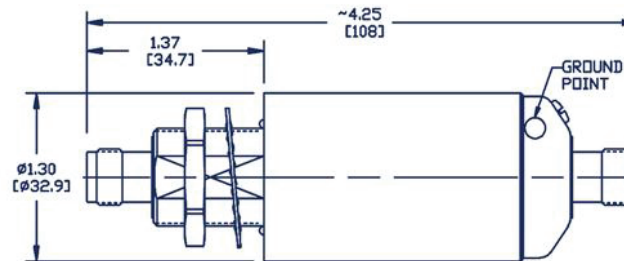
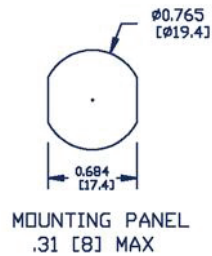
INITIAL

**Electrical Data**

Impedance	50 $\Omega$
Frequency Range	1.15 - 1.61 GHz.
Insertion Loss	$\leq$ 0.10 dB
RF Power	30 Watts
Through Current	1.0 Amp
Nominal Voltage	+ 5V
Maximum Voltage	+ 6.7V
Let Through Voltage	+ 8V
Response Time	10ns
Maximum Transient (I <sub>max</sub> )	30kA 1x
Multiple Strike (I <sub>N</sub> )	20kA 10x
VSWR	$\leq$ 1.10

**Mechanical Data**

Temperature Range: -40 °C - 90°C

**RoHS Compliant****Standards**

Salt Fog	MIL-STD-202 Method 101D / Condition B (35°C/48 hrs)
Immersion	MIL-STD-202 Method 104A / Condition A (65°C to 25°C w/NaCl – 2 cycles)
Moisture Resistance	MIL-STD-202 Method 106E (65°C/98% RH condensing/240 hrs)
Temperature Shock	MIL-STD-202 Method 107D / Condition B-1 (25 cycles -65°C to +125°C)
Life (Elevated Temperature Shock)	MIL-STD-202 Method 108A / Condition A (96 hours at 100°C)
Dust & Waterproof Rating	IEC529 IP68 (dust-tight and water proof 24 hrs / 1 m)
Vibration	MIL-STD-202 Method 204D / Condition D (10Hz-2kHz 0.06"DA/20g)
Mechanical Shock	MIL-STD-202 Method 213 / Condition A (50g/11ms ~24")

Drawing not to scale. Dimensions for reference only

Units: inches (mm)

**Konnect RF**

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

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DESCRIPTION

**Lightning Protector, TNC Female Jack to TNC Female Jack, Bulkhead**

CAGE CODE

**664U0**

SIGNATURE

X

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**Component**

Body  
Center Contact  
Insulator  
Gasket

**Material**

Aluminum  
BeCu  
PTFE  
EPDM or SIL

**Plating**

Nickel  
Gold