

PART NUMBER

**KLP177533**

REV.

DATE

COMMENTS

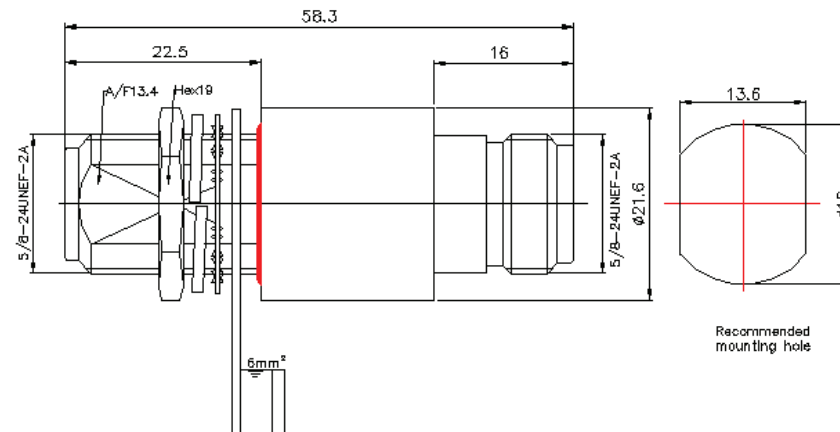
INITIAL

**Electrical Data**

Characteristic Impedance	50 ohm
Dielectric Resistance	$\geq 5,000 \text{ M}\Omega$
Frequency Range	DC-6GHz
VSWR	$\leq 1.20 @ \text{DC-6GHz}$
Insertion Loss	$\leq 0.18 \text{ dB}$
Impulse Breakdown Voltage	$\leq 2,500 \text{ V} (@ 1 \text{ kv}/\mu\text{s})$
DC Breakdown Voltage	$90 \pm 20\% (@ 100 \text{ v/s})$
AC Discharge Current	5A(50Hz)
Surge Discharge Current	5KA(8/20 $\mu\text{s}$ )
Peak RF Power	< 150W
Maximum Withstand Current	20KA

**Mechanical Data**

Temperature Range	-45~+85°C
Waterproof Rate	IP 67
Working Humidity	< 85°C/85% RH-48hrs

**RoHS Compliant**

Drawing not to scale. Dimensions for reference only

Units:mm

**Konnect RF**

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

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DESCRIPTION

**Lightning Protector, Gas Discharge Type, N Male Female to  
N Female Jack Bulkhead, IP67**

CAGE CODE

**664U0**

SIGNATURE

X

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**Component**

Body  
Center Contact  
Gasket  
Fastening Nut  
Washer  
Grounding Lug  
Insulator

**Material**

Brass  
Phos. Bronze  
Silicone Rubber  
Brass  
Brass  
Brass  
PTFE

**Plating**

Nickel  
Gold  
Nickel  
Nickel  
Nickel