## **SMA Connector Series**

# KLS1-SMA006 PCB Mount SMA Connector (Jack. Male.50Ω)

#### **Electrical Specifications:**

Impedance: 50 Ω

Frequency Range Semi-rigid cable: 0-18 GHz

Flexible cables: 0-12.4 GHz Voltage Rating: 335 volts rms.

Dielectric Withstanding Voltage: 500 volts rms.

VSWR: 1.15+0.02 f (GHz) for Straight connector typical 1.25+0.025 f (GHz) for Right angle connector typical

Contact Resistance Center contact: 2.0 mΩ

Body:  $2.0 \, m\Omega$ 

Insulation Resistance: 5,000 MΩ

### **Mechanical Specifications:**

Mating:1/4"-36 UNS thread coupling Cable retention:6kgf typical Durability:500Cycles Min. Coupling nut retention:18kgf Min. Temperature Range: - 55°C to +155°C

#### **Material:**

Connector body: Brass per QQ-B-626, gold Plating or nickel

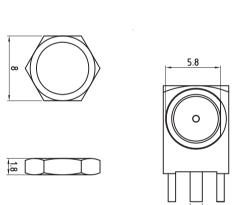
Center contact Male: Brass, gold Plating

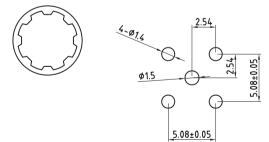
Center contact Female: Beryllium copper, gold Plating

Insulator: PTFE

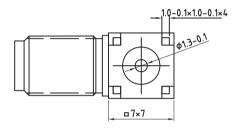
Gasket:Silicone rubber

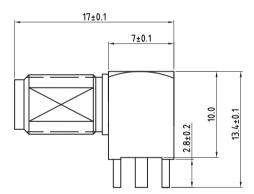
Crimp Ferrule: Annealed copper

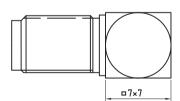












# ORDER INFORMATION

Product NO.: KLS1-SMA006

Pos. NO.

SMA Connector Type

<u>1.3-0</u>.1