

MCX Connector Series

KLS1-MCX001 MCX Connector Series

Electrical Specifications

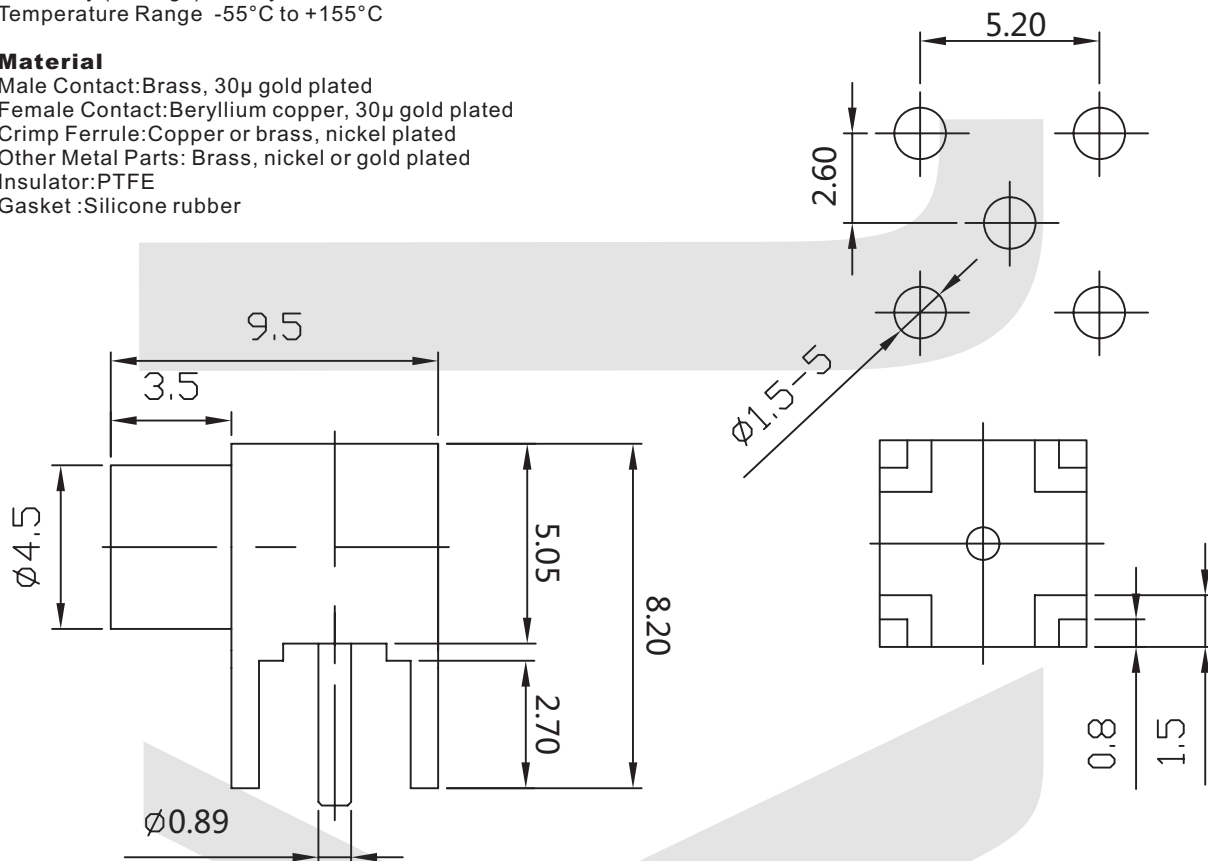
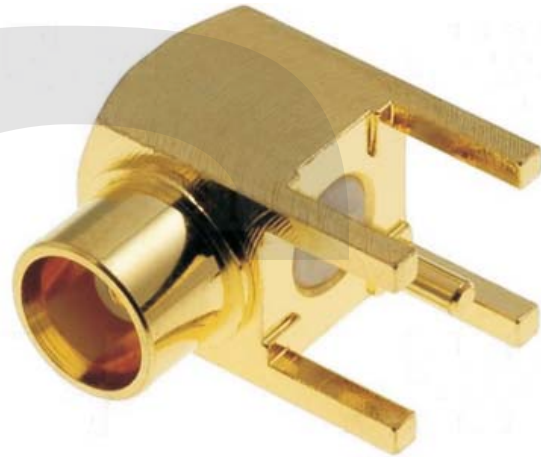
Impedance: 50Ω
Frequency Range: DC - 6 GHz
VSWR: 1.06 max. @ DC - 2.5 GHz (straight)
1.1 max. @ DC - 2.5 GHz (right angle)
RF-Leakage : 60 dB Min. @ 1 GHz (flexible cable)
70 dB Min. @ 1 GHz (semi-rigid cable)
Voltage Rating (at sea level): 335 Vrms Min.
Contact Resistance: Center Contact: 5 mΩ Max.
Outer Contact: 2.5 mΩ Max.
Insulation Resistance: 10,000 MΩ Min.
Insertion Loss Max.: 0.10 dB @ 1 GHz
Dielectric Withstanding Voltage: 1,000 Vrms (at sea level)

Mechanical

Mating: Snap-on coupling
Braid/Jacket Cable Affixment: Hex crimp
Center Conductor Cable Affixment: Solder
Contact Captivation: 2.3 lbs (10N) Min.
Engagement Force : 5.6 lbs (25N) Max.
Disengagement Force: 2.3 lbs (10N) Min.
Durability (matings) 500 cycles Min.
Temperature Range -55°C to +155°C

Material

Male Contact: Brass, 30μ gold plated
Female Contact: Beryllium copper, 30μ gold plated
Crimp Ferrule: Copper or brass, nickel plated
Other Metal Parts: Brass, nickel or gold plated
Insulator: PTFE
Gasket : Silicone rubber



ORDER INFORMATION

Product NO.: KLS1-MCX001

Pos. NO. _____

MCX Connector Type _____

Durability :500 Cycles Min

