



SMA Connector Series

RE-C-SMA015 SMA Connector Series

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 mΩ

Insulation Resistance: 5,000 MΩ

Mechanical Specifications

Mating: 1/4"-36 UNS thread coupling

Cable retention: 6kgf typical

Durability: 500 Cycles 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.: RE-C-SMA015

Pos. NO. _____

SMA Connector Type _____

UNITS:mm

SHEET SIZE:A4

SCALE: ---

First angle projection

> 0~ 3

> 3~ 18

> 18~ 50

> 50~ 120

± 0.12

± 0.15

± 0.3

± 0.5

CONNECTOR