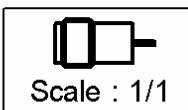
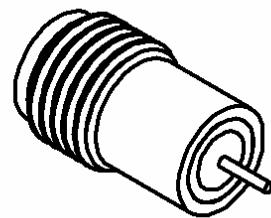
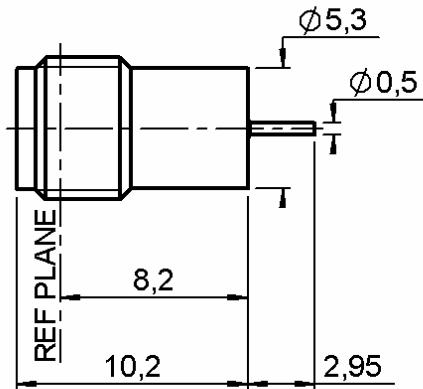


SOLDER JACK RECEPTACLE

HERMETIC-WITH CYLINDRICAL CONTACT

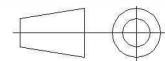
R125.630.000

Series : SMA



Scale : 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	FERRO-NICKEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	DILVER P	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 1220 E

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



SOLDER JACK RECEPTACLE

HERMETIC-WITH CYLINDRICAL CONTACT

R125.630.000

Series : SMA

PACKAGING

Standard	Unit	Other
1	-	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50 Ω
Frequency	0-18 GHz
VSWR	1.10 + 0,0100 x F(GHz) Maxi
Insertion loss	0.3* $\sqrt{F(\text{GHz})}$ dB Maxi
RF leakage	- (NA - F(GHz)) dB Maxi
Voltage rating	500 Veff Maxi
Dielectric withstanding voltage	1000 Veff mini
Insulation resistance	5000 M Ω mini

ENVIRONMENTAL

Operating temperature	-40/+100 °C
Hermetic seal	10-5 Atm.cm ³ /s
Panel leakage	NA

OTHERS CHARACTERISTICS

Assembly instruction

Others :

* Coaxial Transmission Line Only

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	27 N mini
Axial force – Opposite end	27 N mini
Torque	NA N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm
Mating life	500 Cycles mini
Weight	1,2000 g

Issue : 1220 E

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SOLDER JACK RECEPTACLE
HERMETIC-WITH CYLINDRICAL CONTACT

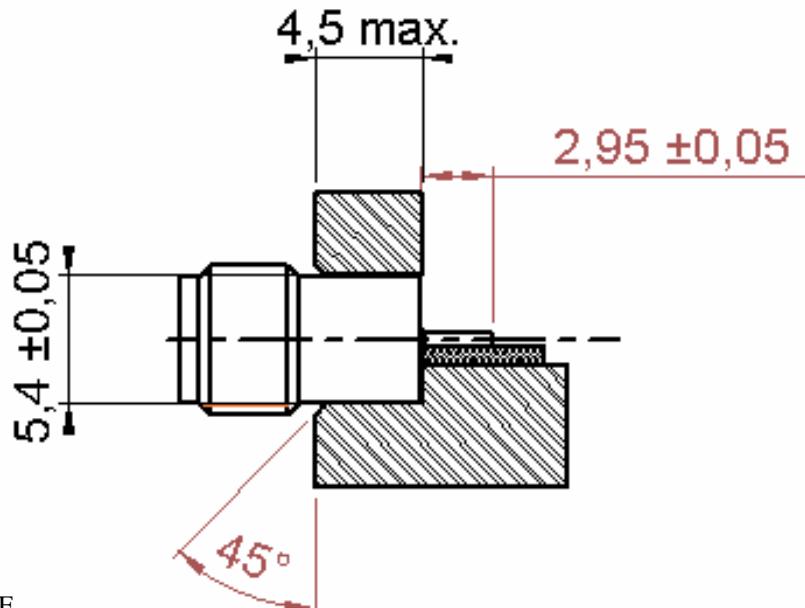
R125.630.000

Series : SMA

RECOMMENDED MOUNTING HOLE DETAIL

PANEL WITH THROUGH HOLE

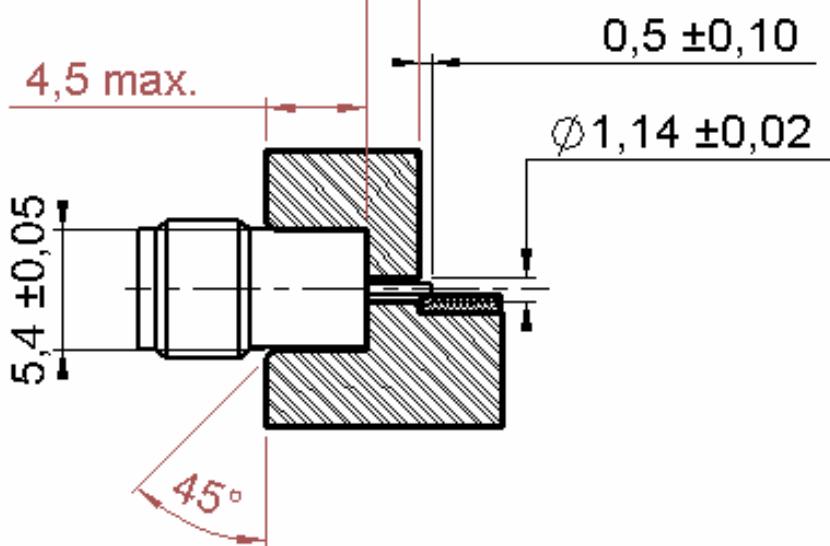
Frequency range 0 – 18 GHz
 VSWR < 1.10 + 0.03 F



PANEL WITH BLIND HOLE

1 to 2.4 according
 to customer's application

Frequency range 0 – 18 GHz
 VSWR < 1.05+0.02F

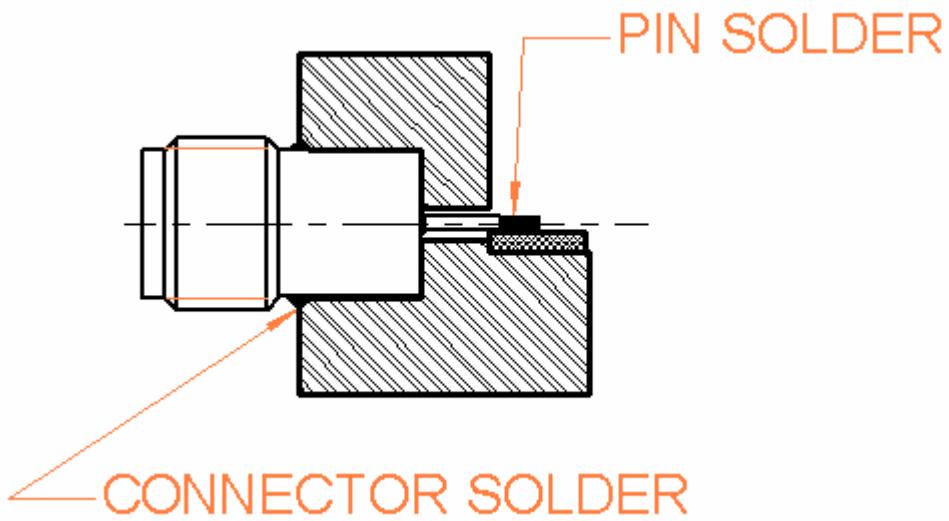


Issue : 1220 E

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

SOLDER JACK RECEPTACLE**HERMETIC-WITH CYLINDRICAL CONTACT****R125.630.000**

Series : SMA

MOUNTING INSTRUCTIONS

1 – Degrease and clean connector and box.

2 –Solder the connector on the panel:

Preheating at about 100°C.

Take care not to exceed 250°C during solder operation .

3 –Solder the pin on the track:

-ceramic substrates: preheating at about 100°C.

-other substrates: no preheating required.

NOTE: Please use a small soldering iron ,or hot air soldering system.

Issue : 1220 E

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Mouser Electronics

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