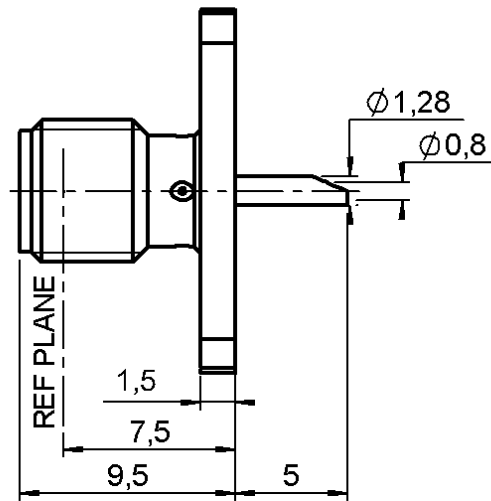
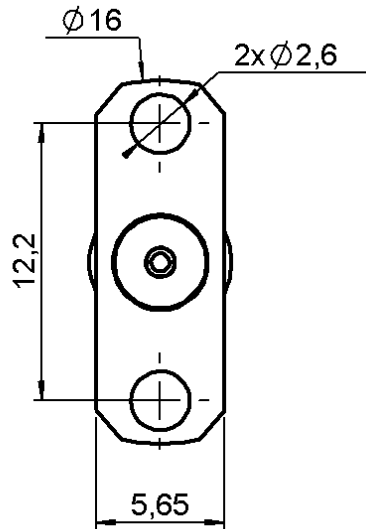


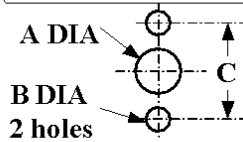
2 HOLES FLANGE JACK RECEPTACLE WITH SOLDER POT CONTACT

R125.454.000

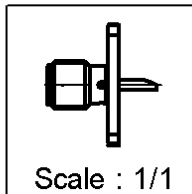
Series : SMA



PANEL CUT OUT



	mm	
	Maxi	mini
A	4.2	4.1
B	2.65	2.6
C	12.25	12.15



Scale : 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0122 K

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



2 HOLES FLANGE JACK RECEPTACLE
WITH SOLDER POT CONTACT

R125.454.000

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-18 GHz
VSWR	1.04 +	0.004 x F(GHz) Maxi
Insertion loss		0.05* $\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (	100 - F(GHz)) dB Maxi
Voltage rating		500 Veff Maxi
Dielectric withstanding voltage		1000 Veff mini
Insulation resistance		5000 M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+165 ° C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

OTHERS CHARACTERISTICS

Assembly instruction **NA**

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	2.8 N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm
Mating life	500 Cycles mini
Weight	1.804 g

Issue : 0122 K

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R125454000](#) [R125454000W](#)