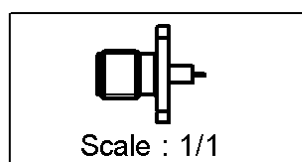
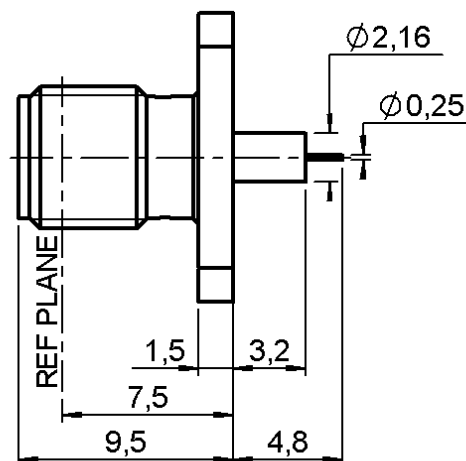
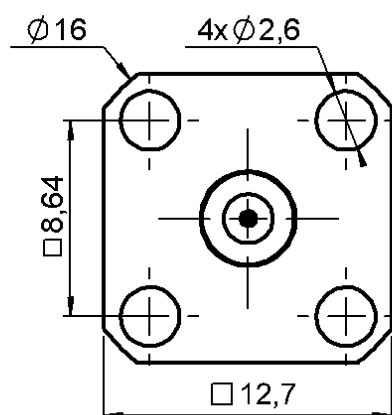
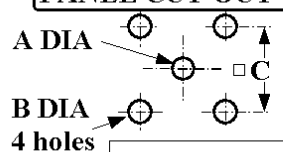
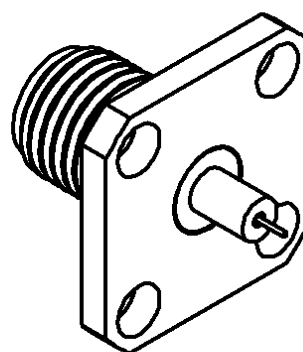


SQUARE FLANGE JACK RECEPTACLE**R125.512.001****WITH SHOULDER CONTACT**

Series : SMA

**PANEL CUT OUT**

	mm	
	Maxi	mini
A	2.25	2.2
B	2.7	2.6
C	8.69	8.59



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING
BODY	STAINLESS STEEL	PASSIVATED . μm
CENTRE CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2 μm
OUTER CONTACT	-	- μm
INSULATOR	PTFE	-
GASKET	-	- μm
OTHERS PARTS	-	-
-	-	-
-	-	-



Edition : 9840 D

Design changes may be in order to improve the product.

SQUARE FLANGE JACK RECEPTACLE**R125.512.001****WITH SHOULDER CONTACT**Series : **SMA****ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.06* +	0.002 x F(GHz) Maxi
Insertion loss	0.07*	$\sqrt{F(\text{GHz})}$ dB Maxi
RF leakage	- (	60 - F(GHz)) dB mini
Operating temperature	-65/+165	° C
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

SPECIFICATION**ENVIRONMENTAL**

Hermetic seal	NA	Atm.cm3/s
Leakage – pressurised only	NA	Mpa

OTHERS CHARACTERISTICS

Assembly instruction	NA
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Others :

* Coaxial Transmission Line Only

MECHANICAL CHARACTERISTICS

Centre 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	0.000 g

Edition : **9840 D**

Design changes may be in order to improve the product.

Mouser Electronics

Authorized Distributor

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Radial:

[R125512001](#) [R125512001W](#)