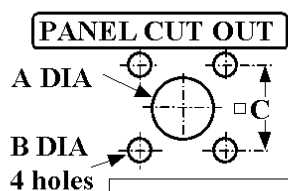
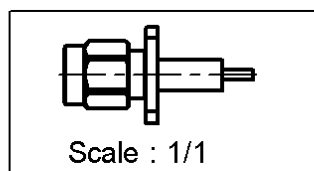
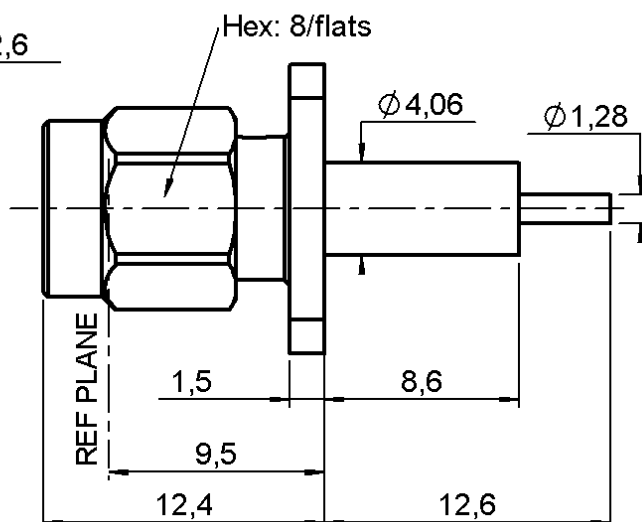
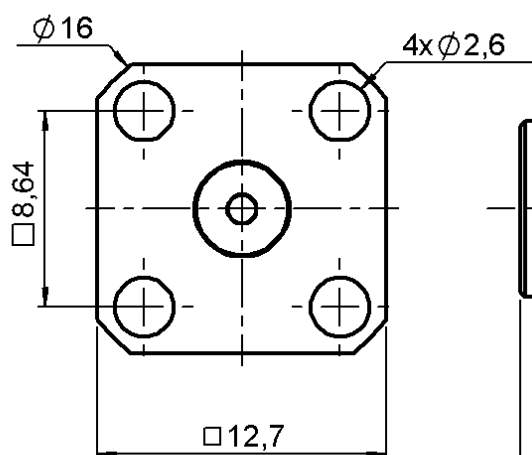


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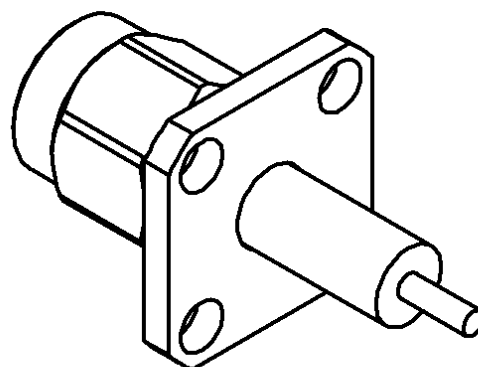
ISSUE 04-12-14P

SERIES SMA

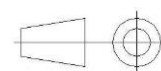
PART NUMBER R125444000



	mm	
	Maxi	mini
A	4.2	4.1
B	2.7	2.6
C	8.69	8.59



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL.	GOLD 0.5 OVER NICKEL 2
Center contact	BRASS	GOLD 2.5 OVER NICKEL 2
Outer contact	-	-
Insulator	PTFE	-
Gasket	SILICONE RUBBER	-
Others parts	STAINLESS STEEL.	GOLD 0.5 OVER NICKEL 2
-	-	-
-	-	-

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SERIES **SMA**

PART NUMBER **R125444000**

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-18	GHz
VSWR	1.06	+	0,0025 x F(GHz) Maxi
Insertion loss		0.07*	√F(GHz) dB Maxi
RF leakage	- (	60	- F(GHz) dB Maxi
Voltage rating		500	Veff Maxi
Dielectric withstanding voltage		1000	Veff mini
Insulation resistance		5000	MΩ mini

ENVIRONMENTAL

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

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

SPECIFICATION

OTHER CHARACTERISTICS

Recommended torque		
Mating	100	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles mini
Weight	3,6070	g

Assembly instruction:**NA**

Others:

*** Coaxial Transmission Line Only**

Mouser Electronics

Authorized Distributor

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

Radial:

[R125444000](#) [R125444000W](#)