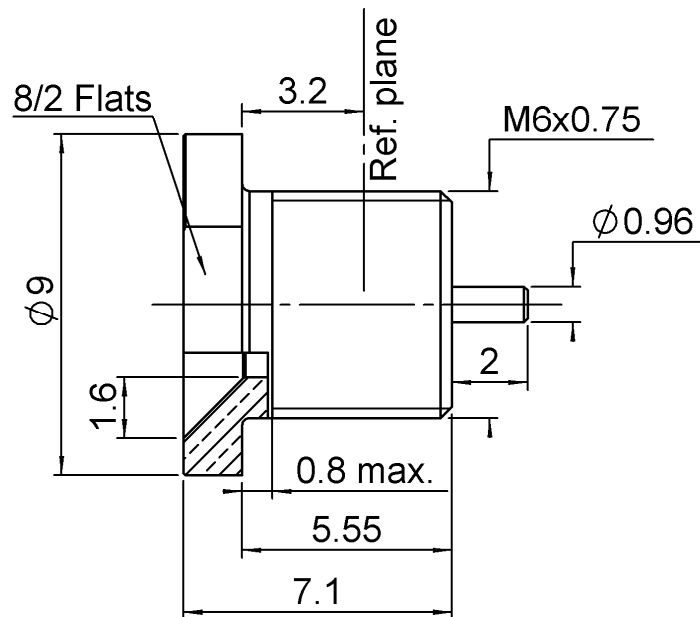


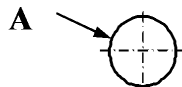
SCREW-ON MALE RECEPTACLE
SLIDE TYPE - WITH CYLINDRICAL CONTACT

R222.M10.700

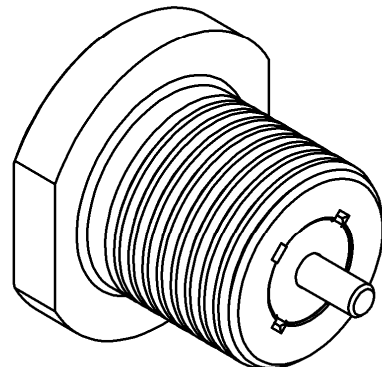
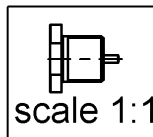
Series : SMP-MAX



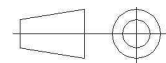
PANEL CUT OUT



	mm
A	M6x0.75



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	NPGR
CENTER CONTACT	BRASS	NPGR
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 1107 A

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

RADIAL 

SCREW-ON MALE RECEPTACLE
SLIDE TYPE - WITH CYLINDRICAL CONTACT

R222.M10.700

Series : SMP-MAX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.25* + 0,0000	x F(GHz) Maxi
Insertion loss	0.15*	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-55/+165	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICS

Assembly instruction

Others :

*VSWR:up to 3GHz; 3-6GHz,1.35 max

*Coaxial Transmission Line Only

*Slide type receptacle+Bullet+Snap type receptacle

Typical VSWR(Board to Board connection):

0-3GHz, 1.2max

Power handling (typical) :

>300W@2.7GHz at 25°C: >200W@2.7GHz at 85°C

Radial working angle: 3°min

Axial working range: 2mm

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	7 N mini
Axial force – Opposite end	7 N mini
Torque	NA N.cm mini

Recommended torque	
Mating	NA N.cm
Panel nut	100 N.cm

Mating life	100 Cycles mini
Weight	1,4170 g

Issue : 1107 A

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RADIAL 

Mouser Electronics

Authorized Distributor

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[R222M10700W](#)