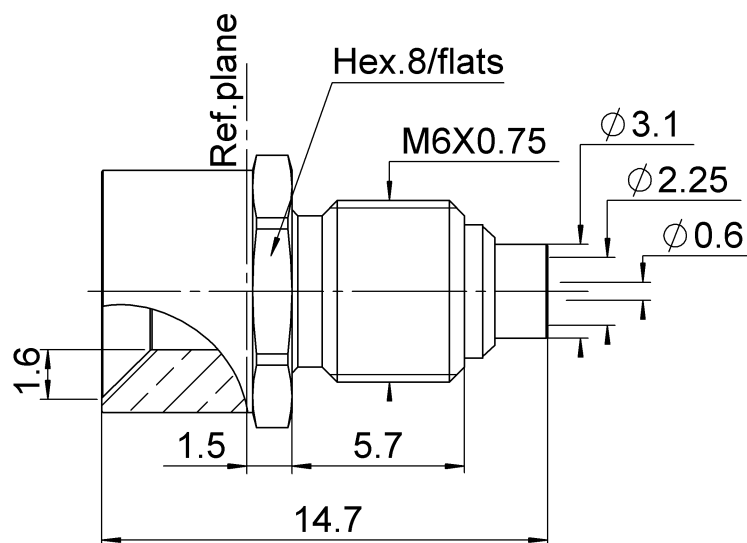


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SERIES SMP-MAX

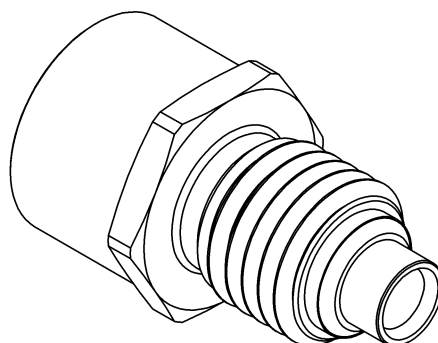
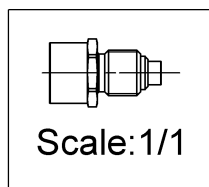
PART NUMBER R222M20700



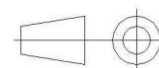
PANEL CUT OUT



mm	
Maxi	mini
A	M6×0.75



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	BBR, GOLD OVER NICKEL
Center contact	BRASS	NPGR
Outer contact		
Insulator	PTFE	
Gasket		
Others parts		
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.25* + 0.0000	x F(GHz) Maxi
Insertion loss	0.15*	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	750	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	NA	N mini
Axial force – Opposite end	NA	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	100	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0.0000	mm
Mating life	100	Cycles mini
Weight	3.0450	g

ENVIRONMENTAL

Operating temperature	-55/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2	0	0	0	1	0

Assembly instruction:

Recommended cable(s)

RG 405
KS 1

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	155	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282740020	SOLDERING MOUNTING	
R282744430	POSITIONER FOR SOLDERING SMP-MAX MALE	

OTHER CHARACTERISTICS

* VSWR: up to 3GHz; 3-6GHz, 1.35max
 *Slide type connector+Bullet+Snap type receptacle
 Radial working angle: 3°min
 Axial working range: 2mm

Because of the BBR plating, the typical values of the outer contact resistance may slightly differ compared to the NPGR plated jacks.

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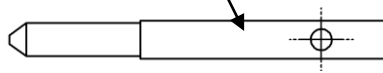
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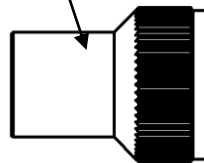
PART NUMBER R222M20700

COMPONENTS

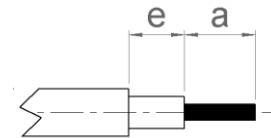
Center contact



Solder body



STRIPPING DIMENSIONS



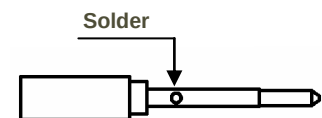
1

Cable stripping.



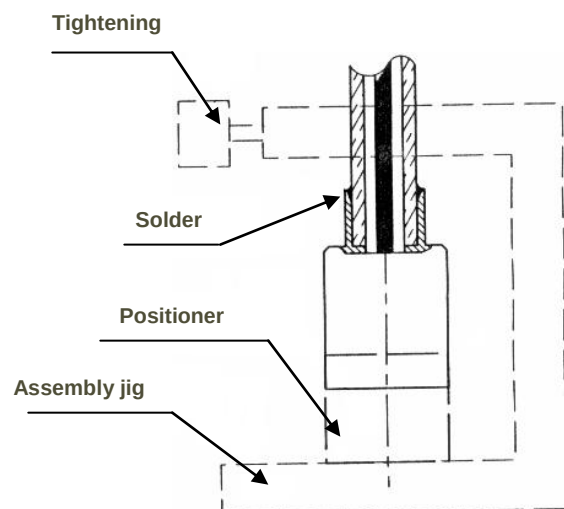
2

Tin centre contact solder pot.
Solder centre contact on cable inner conductor.
Clean solder.



3

Put positioner R282.744.430 on the soldering jig.
Introduce cable into the connector body until concat with the body shoulder.
Place the sub assembly into the assembly jig R282740020 (or equivalent).
Put 3 rings of solder around the cable and solder.
Let the assembly cool down before removing it from the jig.
Clean solder.



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