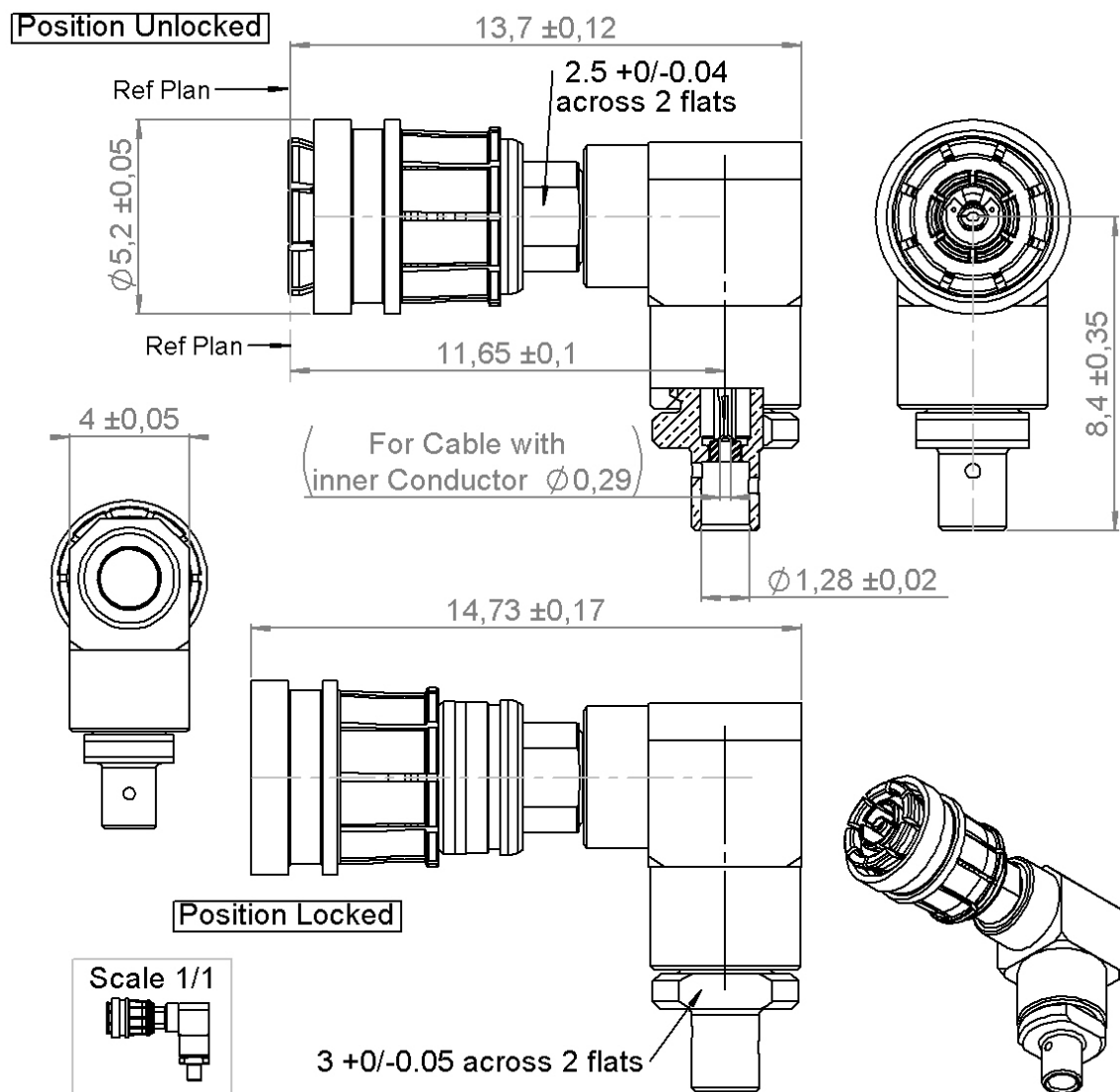


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SERIES SMPMS-L

PART NUMBER R231L80300



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (μ m)
Body	BERYLLIUM COPPER,BRASS	N2PGR
Center contact	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Outer contact	BERYLLIUM COPPER	
Insulator	PEEK,PTFE	
Gasket	CONDUCTIVE SILICONE LOADED Ag	
Others parts	BERYLLIUM COPPER - BRONZE	GOLD OVER NICKEL
-	-	-
-	-	-

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SERIES SMPMS-L

PART NUMBER R231L80300

PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-32	GHz
VSWR	* + 0,000	x F(GHz) Maxi
Insertion loss	0.02 + 0.1	√F(GHz) dB Maxi
RF leakage	- (**	- F(GHz)) dB Maxi
Voltage rating	125	Vrms Maxi
Dielectric withstanding voltage	250	Vrms mini
Insulation resistance	5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	6.7	N mini
Axial force – Opposite end	6.7	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,000	mm

Mating life	50	Cycles maxi
Weight	1,634	g Maxi

ENVIRONMENTAL

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

SPECIFICATION

RAD-GEN-CONN-003
RAD-DET-CONN-008

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	7,000	3,000	2,300	0,000	0,000	0,000

Assembly instruction:

Recommended cable(s)
047SC-2901

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	25	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282868400	LOCKING - UNLOCKING TOOL	
R282740070	ASSEMBLY SOLDER	

OTHER CHARACTERISTICS

- * VSWR 1.15 DC-10GHz
- * VSWR 1.25 10->22 GHz
- * VSWR 1.35 22->32 GHz

** -70 dB up to 30 GHz