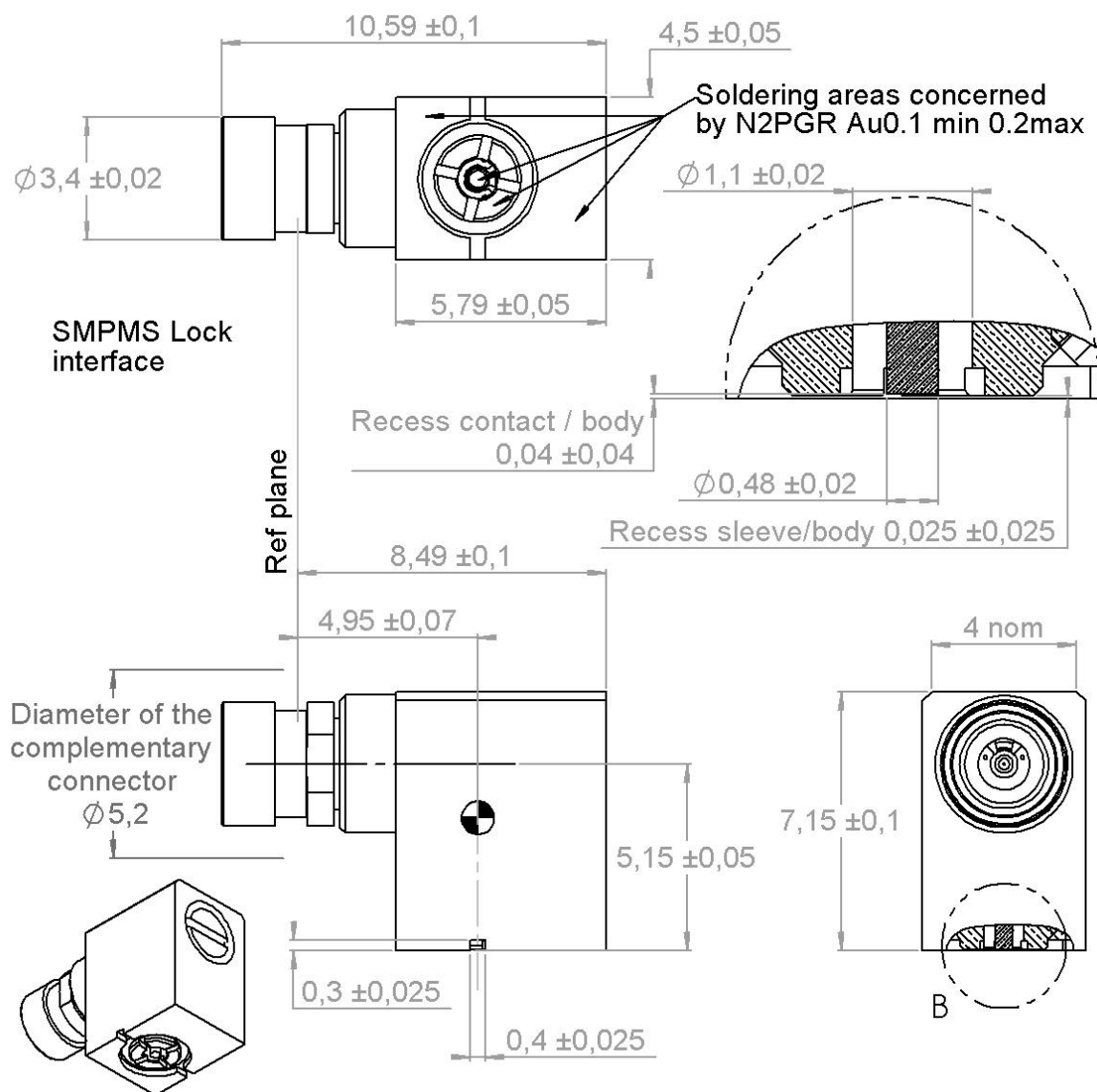


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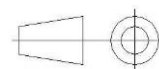
ISSUE
09-11-22A

SERIES SMPMS-L

PART NUMBER R231L20000



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	N2PGR
Center contact	BERYLLIUM COPPER	N2PGR
Outer contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Insulator	PEEK	
Gasket		
Others parts	BRASS	GOLD OVER NICKEL
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
50	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-40	GHz
VSWR	1.02* + 0,0035	x F(GHz) Maxi
Insertion loss	0.02+0.12	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (60	- F(GHz)) dB Maxi
Voltage rating	125	Vrms Maxi
Dielectric withstanding voltage	250	Vrms mini
Insulation resistance	5000	M Ω 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
Mating life	50	Cycles Maxi
Weight	1,9000	g Maxi

ENVIRONMENTAL

Operating temperature	-65/+125	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

RAD-GEN-CONN-003
RAD-DET-CONN-029
11030977/022

OTHER CHARACTERISTICS

Assembly instruction:

Others:

*** Coaxial transmission line only**

CUSTOMER'S APPROVAL

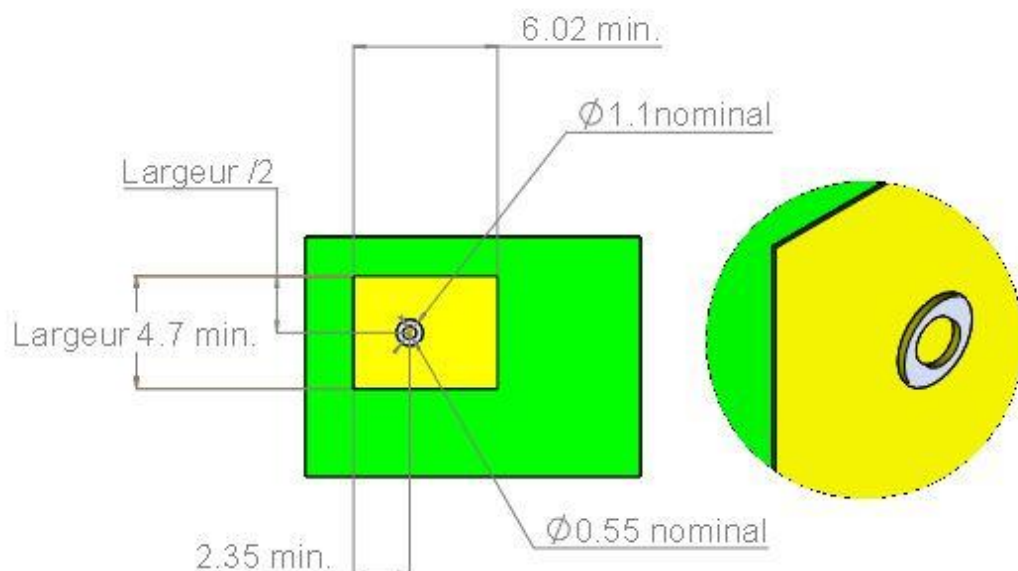
Department or
company's stamp

Name :

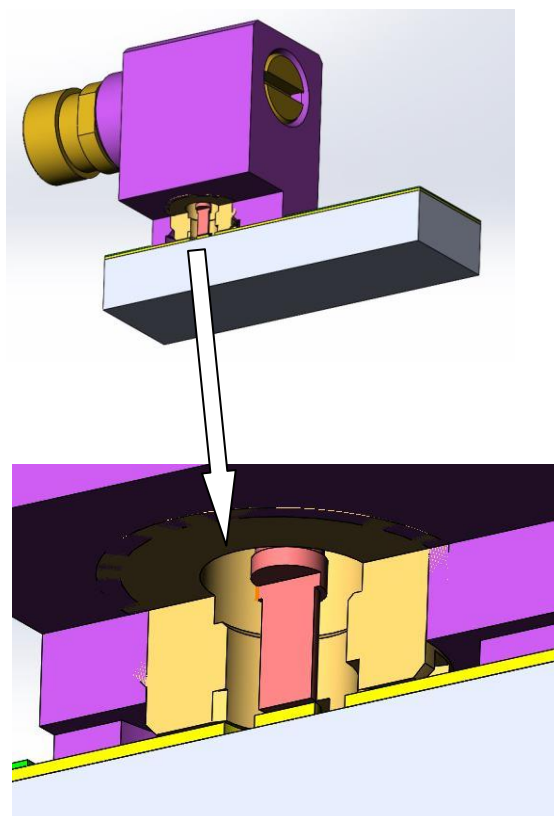
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PCB Layouts Recommendations



PCB Layouts

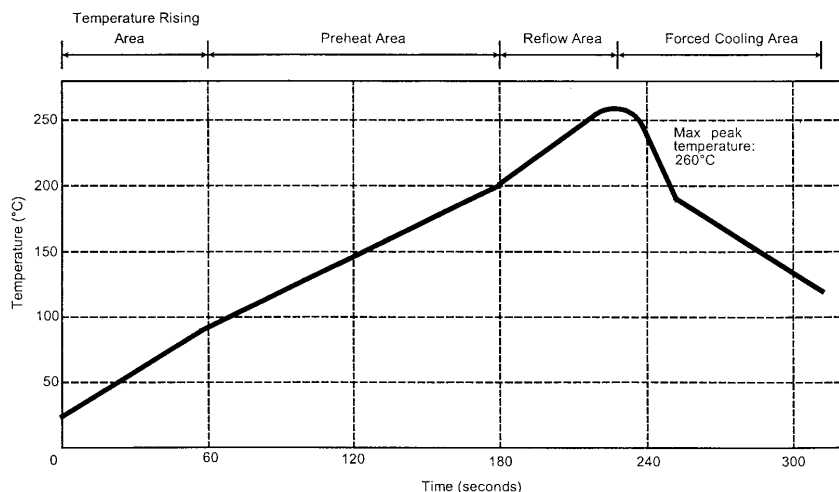


SOLDER PROCEDURE RECOMMANDATIONS

1. Deposit solder paste 'SnAg4Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux. We advise a thickness of 150* μm . Verify that the edges of the zone are clean.
2. Placement of the receptacle on the mounting zone with an automatic machine of 'pick and place' type. A video camera is recommended for positioning of the component. Adhesive agents must not be used on the receptacle.
3. This process of soldering has been tested with convection oven. Below please find the typical profile to use.

*The thickness could be different (lower). Take care of the maximum center contact recess 0.08 mm. See dimensioning on the first page

TEMPERATURE PROFILE



Parameter	Value	Unit
Temperature rising Area	1 - 4	°C/sec
Max Peak Temperature	260	°C
Max dwell time @260°C	10	sec
Min dwell time @235°C	20	sec
Max dwell time @235°C	60	sec
Temperature drop in cooling Area	-1 to -4	°C/sec
Max dwell time above 100°C	420	sec

Technical drawing of the VUE B lighting fixture, showing three views: top, front, and side.

Top View: A circular fixture with a diameter of $\varnothing 180$. It features two large, curved, ribbed light reflectors and a central mounting point. A dashed line indicates the location of the VUE B label.

Front View: A rectangular fixture with a width of 16 and a height of 16. It features three large, rectangular, ribbed light reflectors. The distance between the centers of the reflectors is 16. The top edge has a series of small circular holes, with a diameter of $\varnothing 1.5$ and a spacing of 4. The bottom edge has a series of small rectangular holes, with a width of 1.75 and a height of 7.5.

Side View: A side view of the fixture, showing its profile and the mounting bracket.