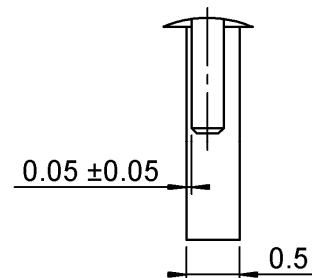
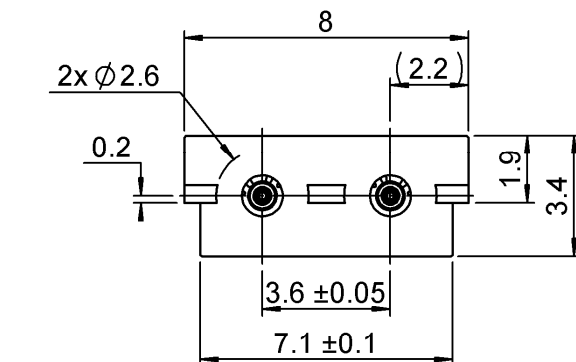


PAGE 1/4

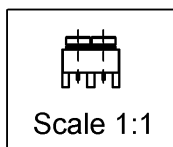
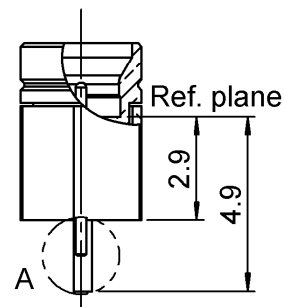
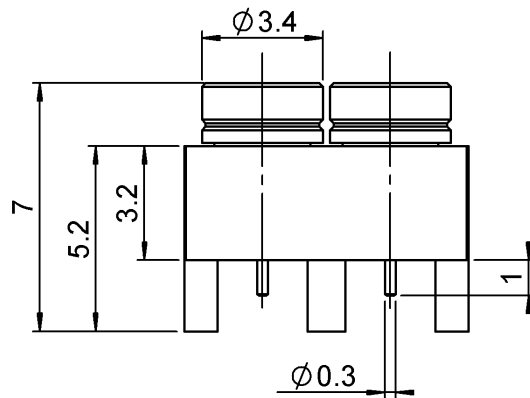
ISSUE 1346A

SERIES SMPM

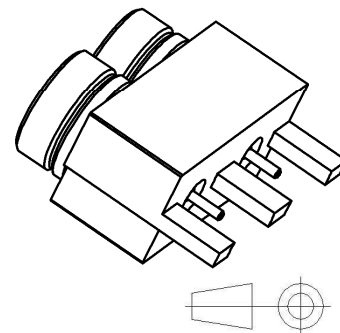
PART NUMBER R201423200



DETAIL A
SACLE 15:1



All dimensions are in mm.



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

PAGE 2/4

ISSUE **1346A**

SERIES **SMPM**

PART NUMBER **R201423200**

PACKAGING

Standard	Unit	Other
500	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-65	GHz
VSWR	0.0000	x F(GHz) Maxi
Insertion loss	0.12	$\sqrt{F(GHz)}$ dB Maxi
RF leakage	NA	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	500	Veff 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	100	Cycles mini
Weight	0.7200	g

ENVIRONMENTAL

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

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:NA

Others:

***Coaxial transmission line only**

***VSWR:1.04, DC to 15GHz**

1.15, 15GHz to 25GHz

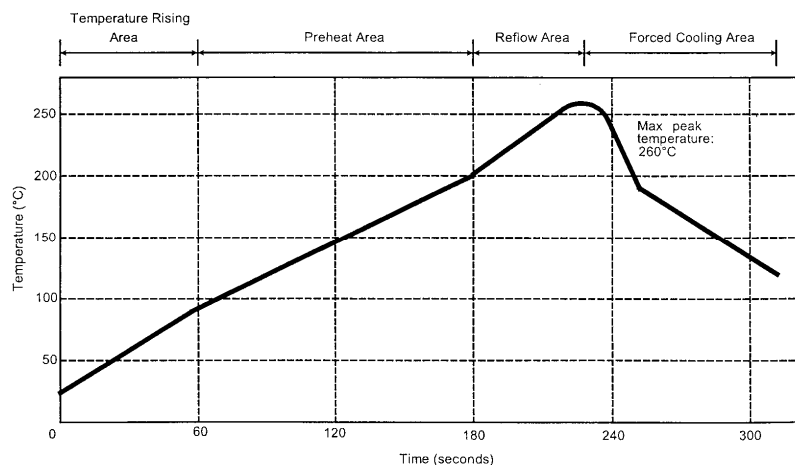
1.22, 25GHz to 40GHz

***VSWR in application depends decisive on PCB layout**

SOLDER PROCEDURE

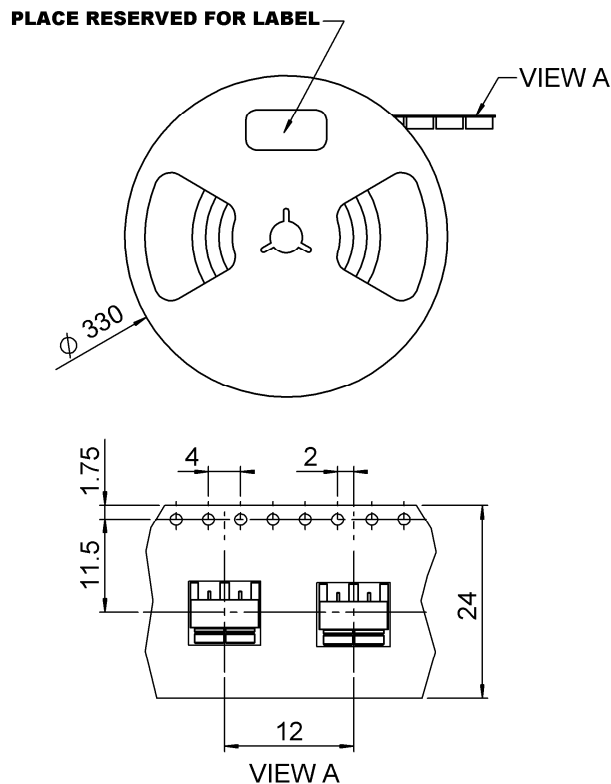
1. Deposition of solder paste 'Sn Ag4 Cu0.5' on mounting zone by screen printing application.
We recommend a low residue flux.
We advise a thickness of 150 microns (5.9 microinch). Verify that the edges of the zone are clean.
2. Placement of the receptacle on the mounting zone with an automatic machine of 'pick and place' type.
Video camera is recommended for the positioning of the component. Adhesive agents must not be used on the receptacle.
3. Soldering by infra-red reflow.
Below, please find the typical profile to use.
4. Cleaning of printed circuit boards.
5. Checking of solder joints and position of the component by visual inspection.

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

PACKAGING



Recommended PCB Mount

