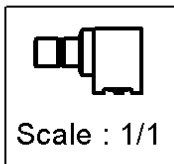
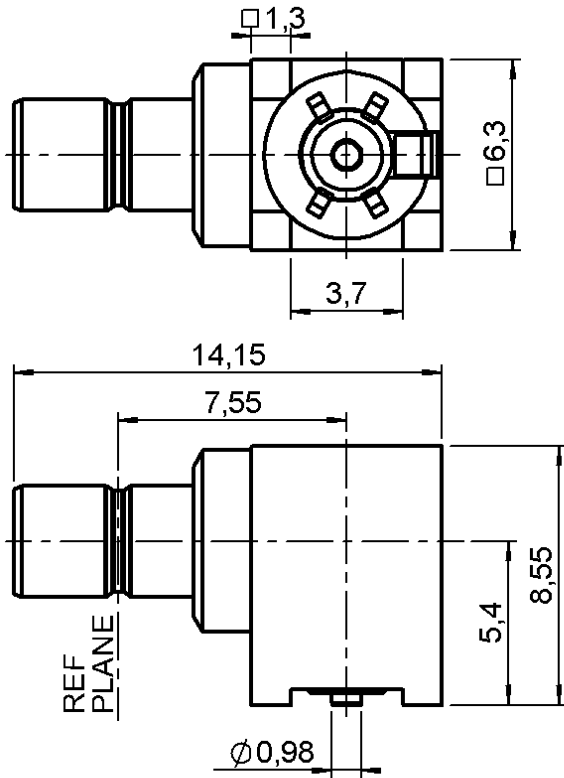


R/A MALE RECEPTACLE FOR PCB

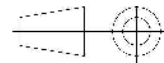
R114.664.000

SMT TYPE

Series : **SMB**



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0427 C

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



R/A MALE RECEPTACLE FOR PCB

R114.664.000

SMT TYPE

Series : **SMB**

PACKAGING

SPECIFICATION

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance		50 Ω
Frequency		0-4 GHz
VSWR	1.2 +	0.000 x F(GHz) Maxi
Insertion loss		NA √F(GHz) dB Maxi
RF leakage	- (NA - F(GHz)) dB Maxi
Voltage rating		335 Veff Maxi
Dielectric withstanding voltage		1000 Veff mini
Insulation resistance		1000 MΩ mini

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

OTHERS CHARACTERISTICS

Assembly instruction **NA**

Others :
* Coaxial Transmission Line Only

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	10	N mini
Axial force – Opposite end	10	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles mini
Weight	2.640	g

Issue : 0427 C

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



R/A MALE RECEPTACLE FOR PCB

R114.664.000

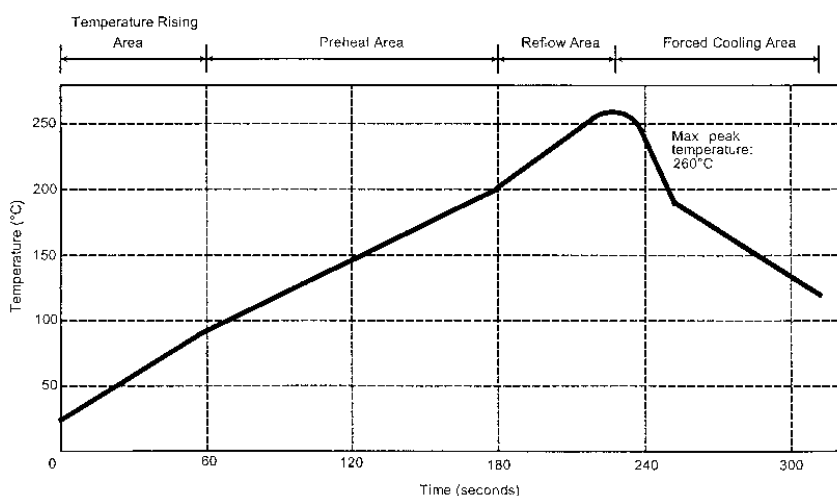
SMT TYPE

Series : **SMB**

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 200 microns (7.800 microinch).
Verify that the edges of the zone are clean.
2. Placement of the receptacle on the mounting zone. 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 by CFC solvents (or a substitute product according the United Nation's environmental program)
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

Issue : 0427 C

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



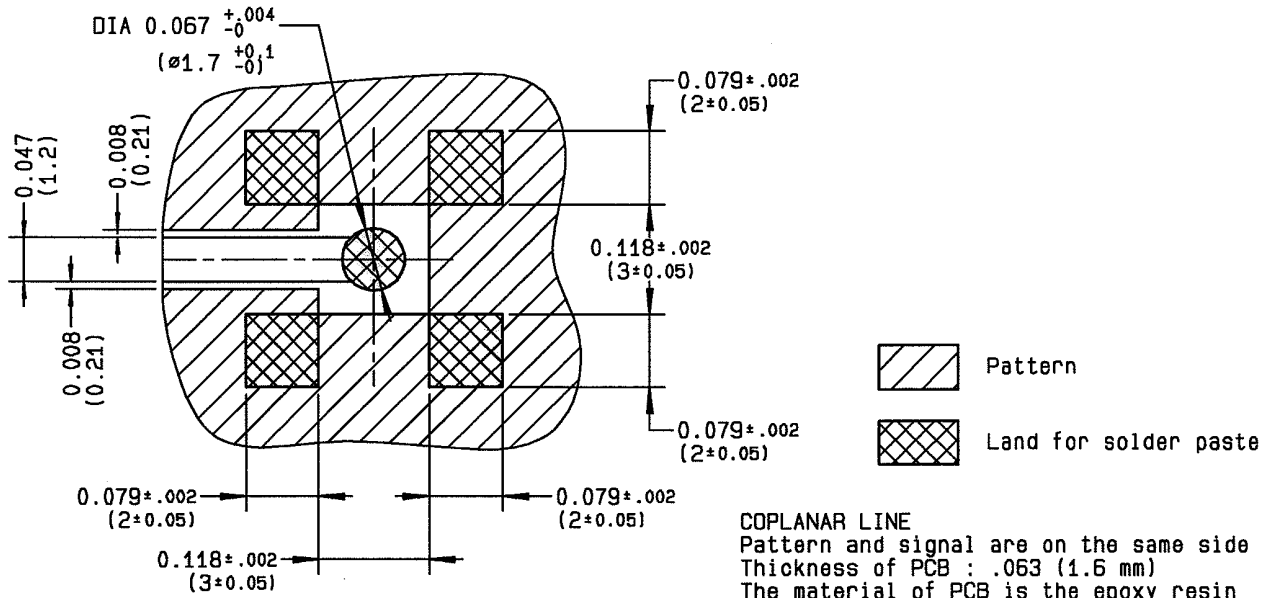
R/A MALE RECEPTACLE FOR PCB

R114.664.000

SMT TYPE

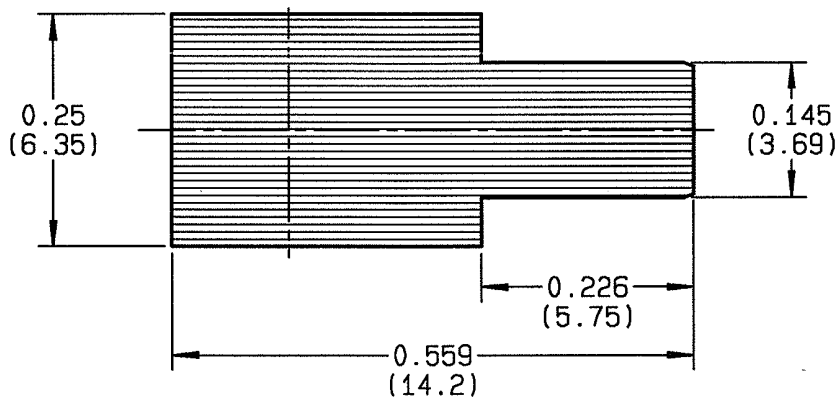
Series : SMB

SMB SERIES - INFORMATIONS



COPLANAR LINE
 Pattern and signal are on the same side
 Thickness of PCB : .063 (1.6 mm)
 The material of PCB is the epoxy resin of glass fabrics bacs. (Er = 4.8)
 The solder resist should be printed except for the land pattern on the PCB.

SHADOW OF SMB RECEPTACLE FOR VIDEO CAMERA



Issue : 0427 C

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

