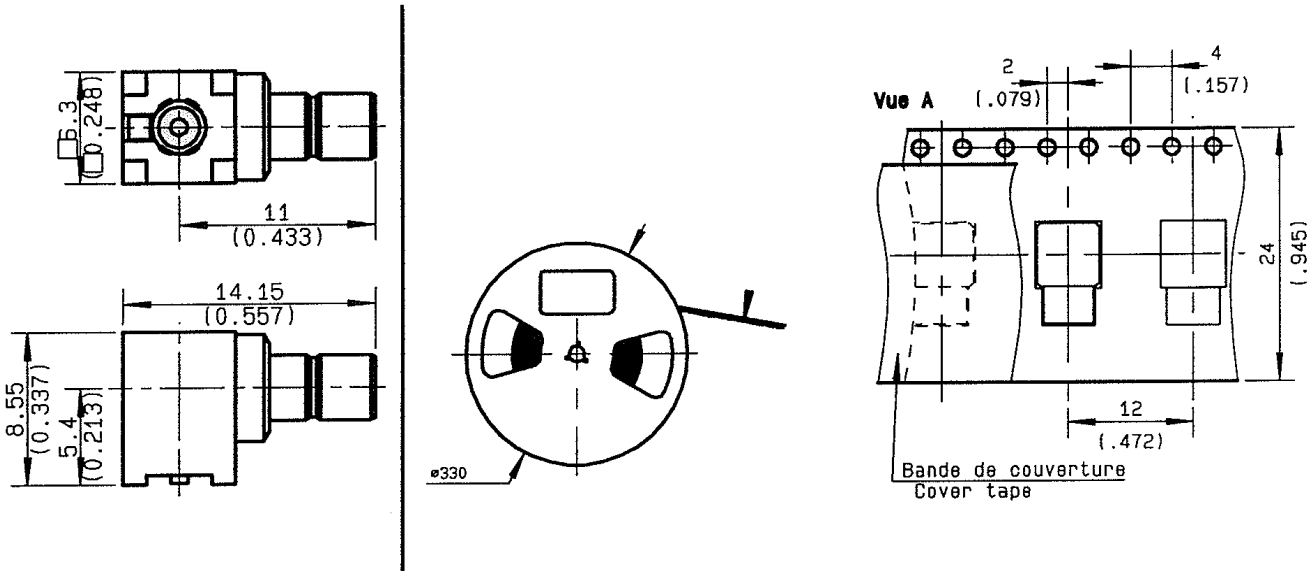


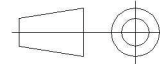
**RIGHT ANGLE JACK RECEPTACLE
FOR PCB SMT TYPE REEL OF 100**

R114.664.100

Series : SMB



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0427 A

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



**RIGHT ANGLE JACK RECEPTACLE
FOR PCB SMT TYPE REEL OF 100**

R114.664.100

Series : SMB

PACKAGING

Standard	Unit	Other
100	-	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

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

ENVIRONMENTAL

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

OTHERS CHARACTERISTICS

Assembly instruction

Others :

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

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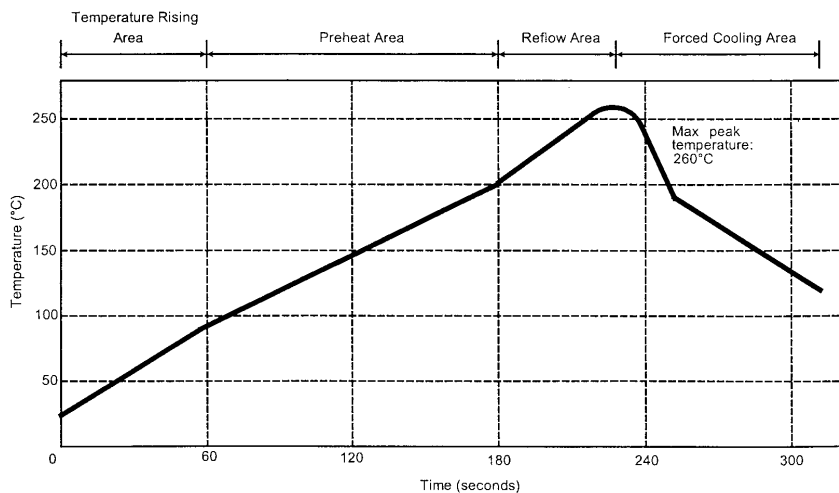
R114.664.100

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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

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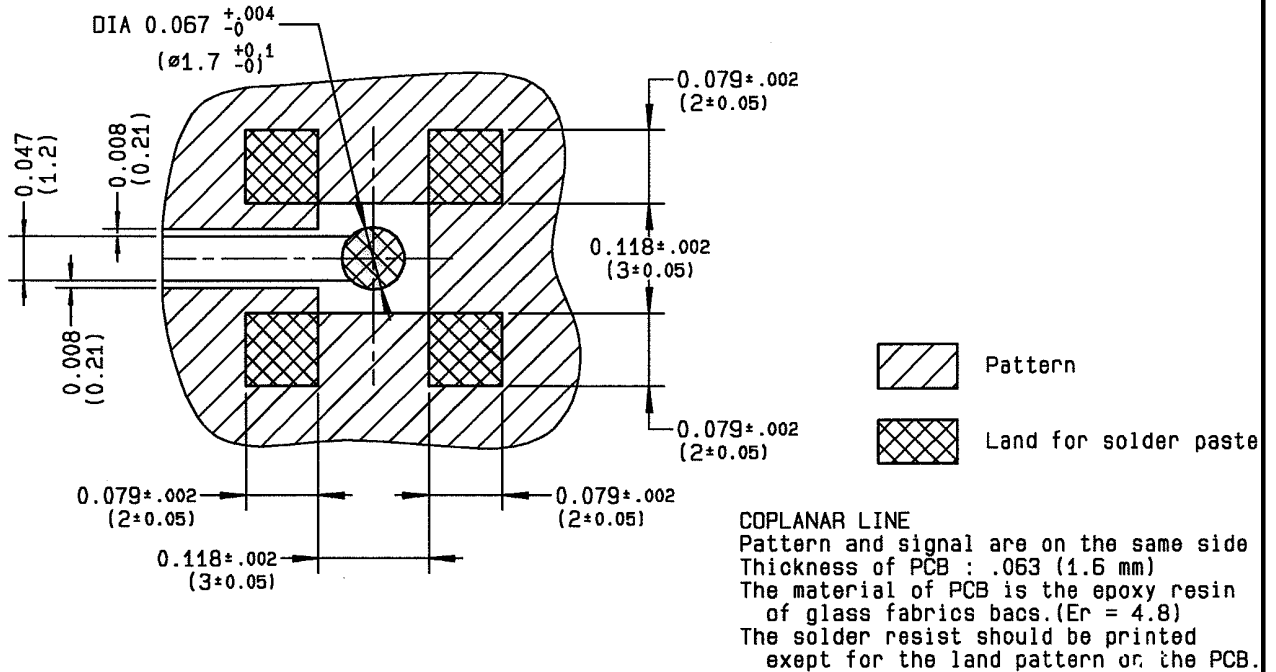


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FOR PCB SMT TYPE REEL OF 100**

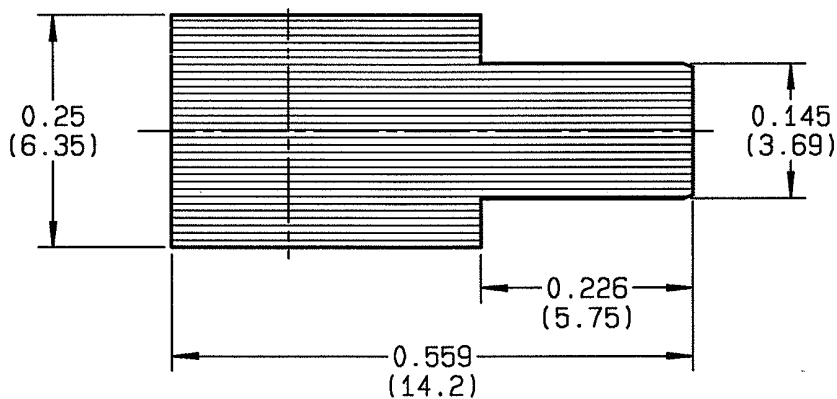
R114.664.100

Series : SMB

SMB SERIES - INFORMATIONS



SHADOW OF SMB RECEPTACLE FOR VIDEO CAMERA



Issue : 0427 A

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