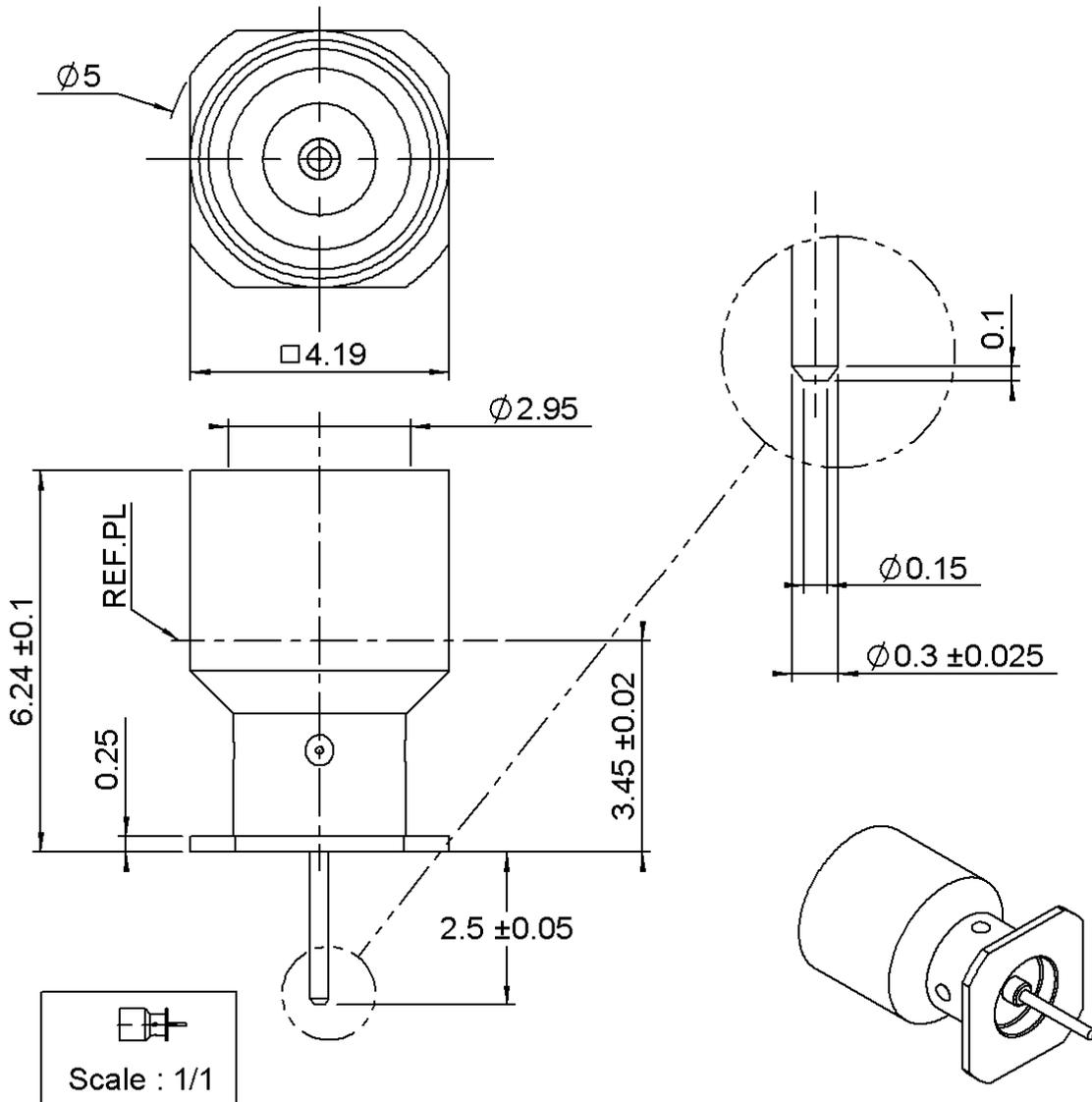


STRAIGHT PLUG RECEPTACLE FOR PCB

R222.409.030

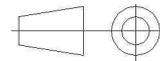
FULL DETENT

Series : SMP



Scale : 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
.	.	.
.	.	.

Issue : 0912 B

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



STRAIGHT PLUG RECEPTACLE FOR PCB

R222.409.030

FULL DETENT

Series : SMP

PACKAGING

SPECIFICATION

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.03* + 0,0100	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

Operating temperature	-65/+165	$^{\circ}$ C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICS

Assembly instruction

Others :
 CONFORME MIL-STD348A NOTICE3 FIG326-3
 * INTERFACE ONLY

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	6.8	N mini
Axial force – Opposite end	6.8	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	100	Cycles mini
Weight	0,2800	g

CUSTOMER'S APPROVAL	
Department or company's stamp	
Name :	
Date :	
Copy to send back to RADIALL S.A. BEFORE :	31/01/2009

Issue : 0912 B

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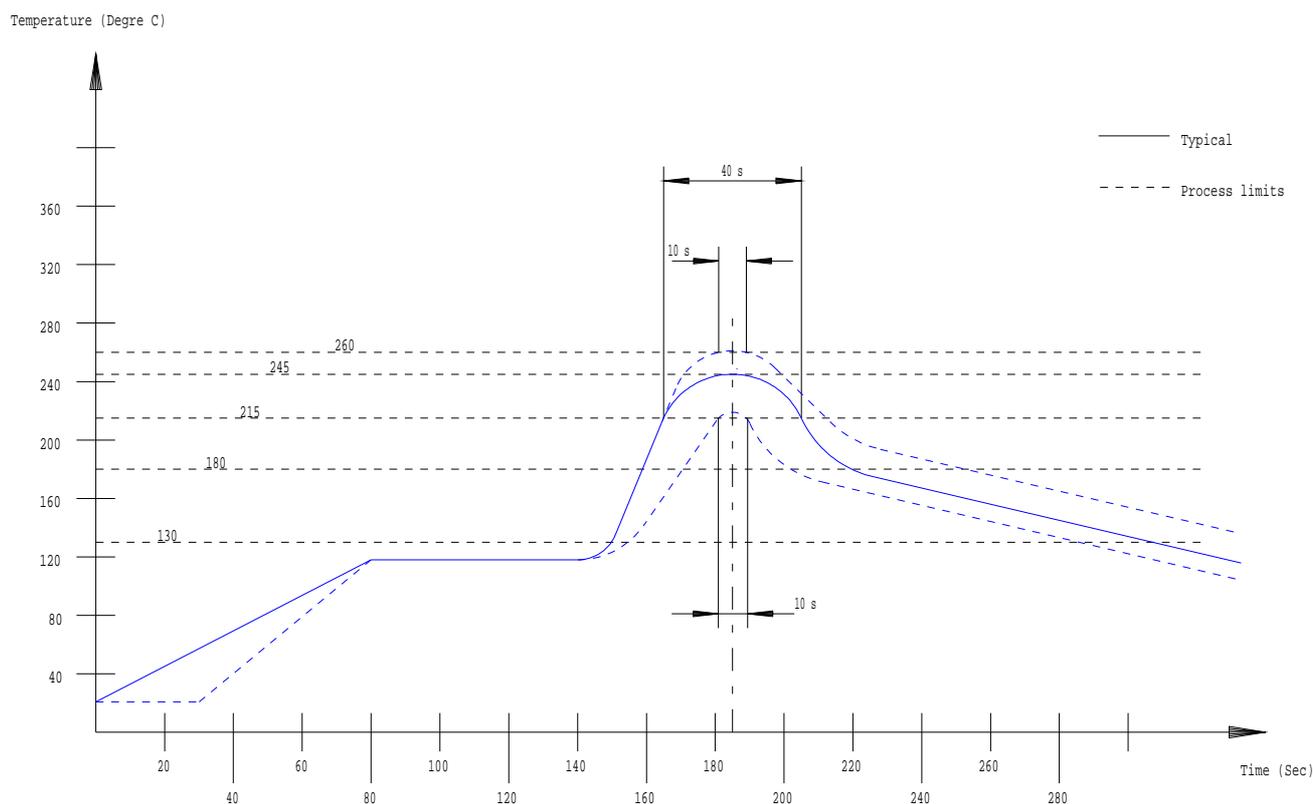
STRAIGHT PLUG RECEPTACLE FOR PCB**R222.409.030****FULL DETENT**Series : **SMP**

Deposit 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 μm .

Verify that the edges of the zone are clean.

1. Placement of the receptacle on the mounting zone with an automatic machine of 'pick and place' type. Video camera is preferred to check the positioning of the component. Adhesive agents are forbidden on the receptacle.
2. Soldering by infra-red reflow.
3. Cleaning of printed circuit boards.
4. Checking of solder joints and position of the component by visual inspection.

TEMPERATURE PROFIL

Issue : 0912 B

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RADIALL 

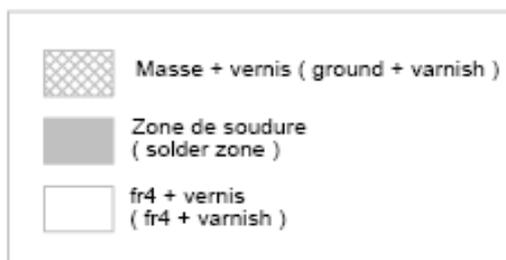
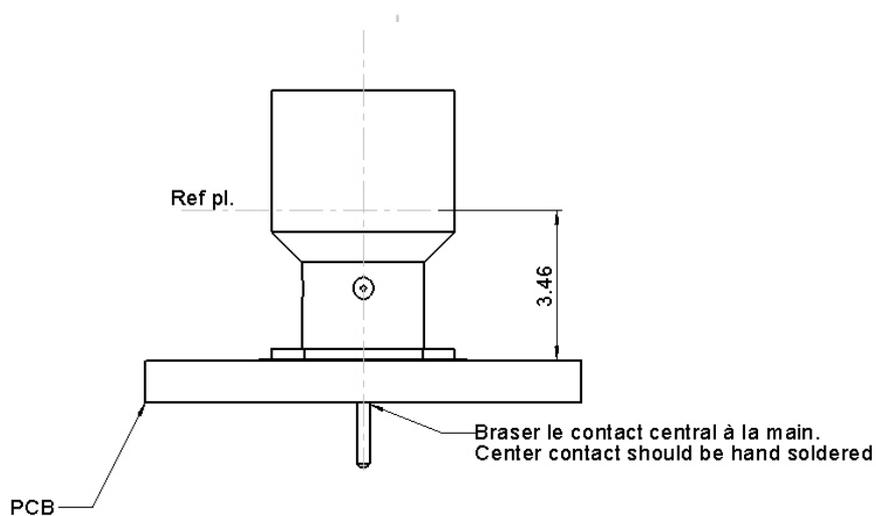
STRAIGHT PLUG RECEPTACLE FOR PCB

R222.409.030

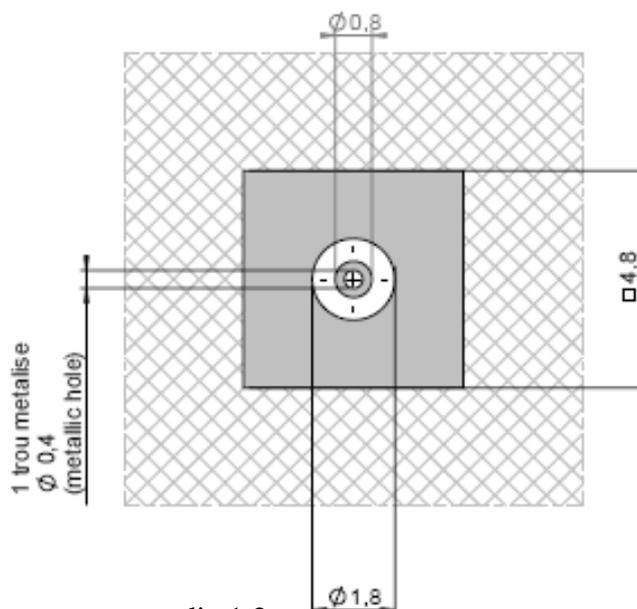
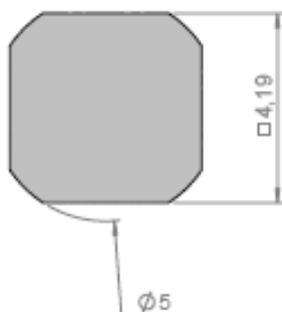
FULL DETENT

Series : SMP

INFORMATION



SHADOW FOR VIDEO CAMERA



Aperture of the screen printing for center contact : dia 1.2mm

Ouverture de l'écran de sérigraphie pour le contact central : Ø 1.2mm

Issue : 0912 B

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