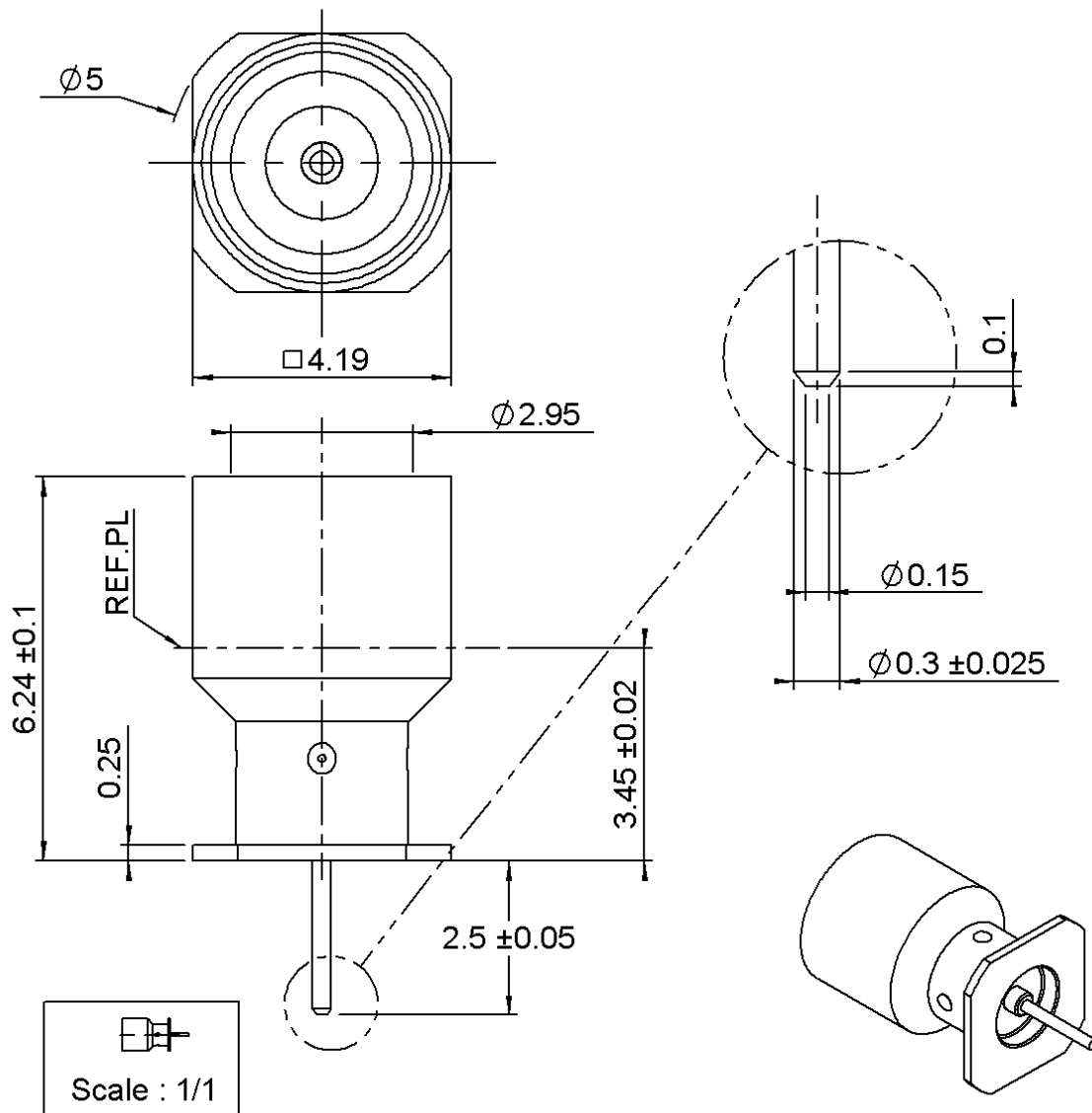


STRAIGHT PLUG RECEPTACLE FOR PCB

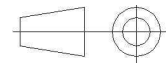
R222.409.030

FULL DETENT

Series : SMP



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.

RADIAL 

STRAIGHT PLUG RECEPTACLE FOR PCB**R222.409.030****FULL DETENT**

Series : SMP

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.03* + 0,0100	x F(GHz) Maxi
Insertion loss	0.12	$\sqrt{F}(\text{GHz})$ 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

ENVIRONMENTAL

Operating temperature	-65/+165	$^{\circ}\text{C}$
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 APPROVALDepartment 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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RADIALL 

STRAIGHT PLUG RECEPTACLE FOR PCB**FULL DETENT****R222.409.030**

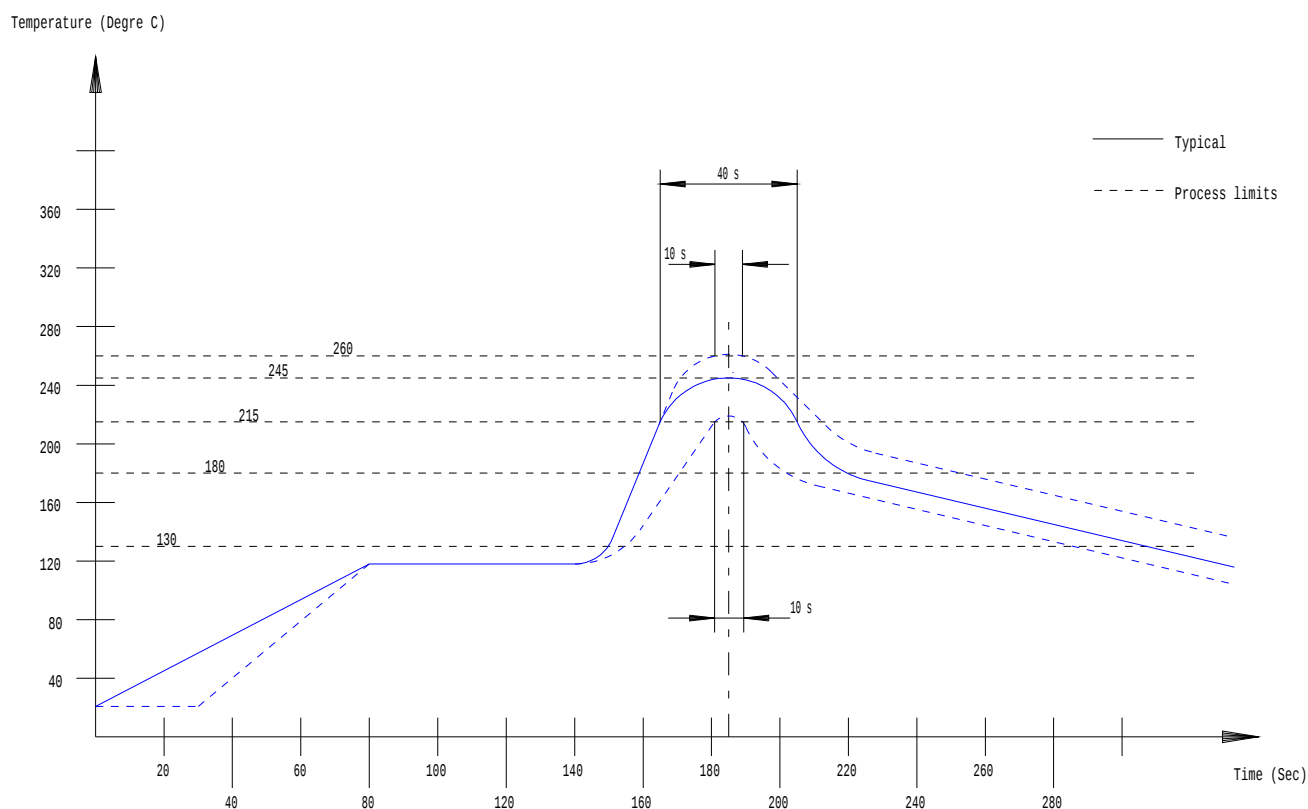
Series : SMP

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.

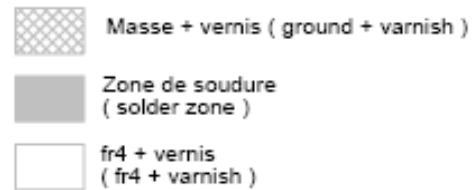
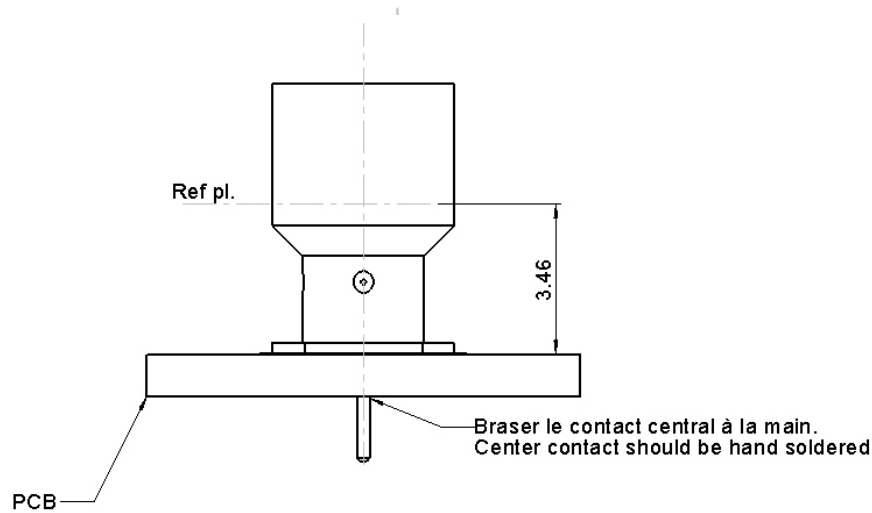
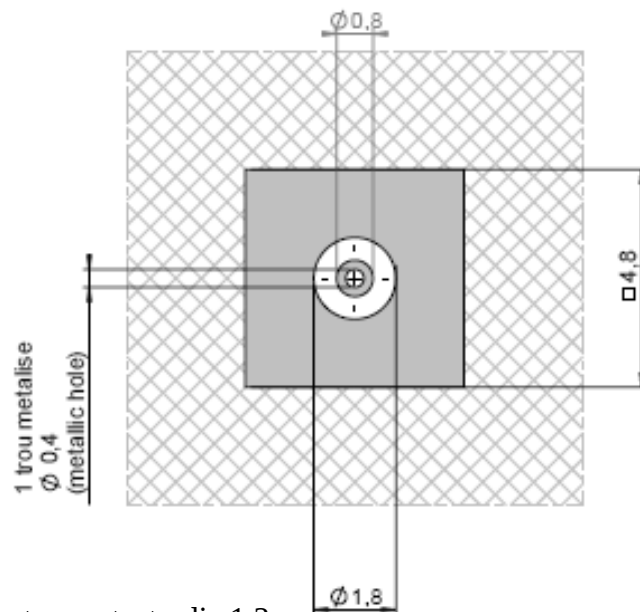
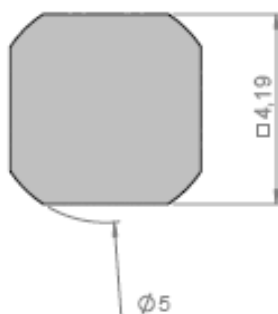
TEMPERATURE PROFIL**Issue : 0912 B**

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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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