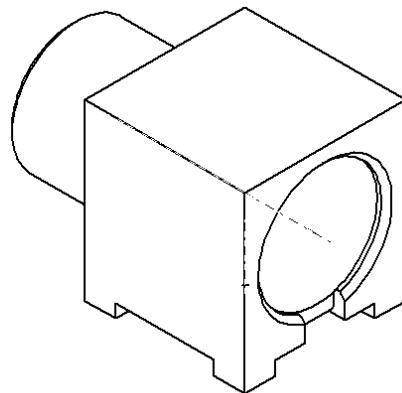
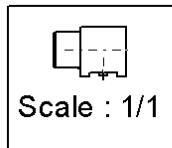
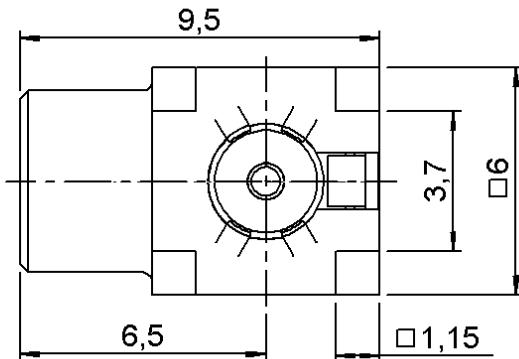


FEMALE RIGHT ANGLE RECEPTACLE FOR PCB

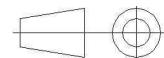
R113.664.000

SMT TYPE

Series : MCX



All dimensions are in mm.



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

Issue : 0905 B

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

FEMALE RIGHT ANGLE RECEPTACLE FOR PCB

SMT TYPE

R113.664.000

Series : MCX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATIONELECTRICAL CHARACTERISTICS

Impedance	50 Ω
Frequency	0-6 GHz
VSWR	1.25 + 0,0000 x F(GHz) Maxi
Insertion loss	0.03 $\sqrt{F(\text{GHz})}$ dB Maxi
RF leakage	- (NA - F(GHz)) dB Maxi
Voltage rating	335 Veff Maxi
Dielectric withstanding voltage	1000 Veff mini
Insulation resistance	1000 M Ω mini

ENVIRONMENTAL

Operating temperature	-55/+155 °C
Hermetic seal	NA Atm.cm ³ /s
Panel leakage	NA

OTHERS CHARACTERISTICSAssembly instruction **NA**

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	1,6850 g

Issue : 0905 B

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FEMALE RIGHT ANGLE RECEPTACLE FOR PCB

R113.664.000

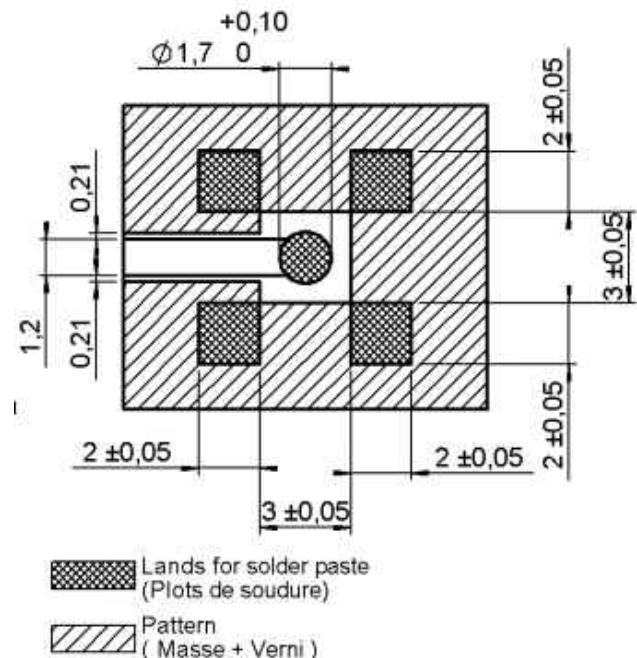
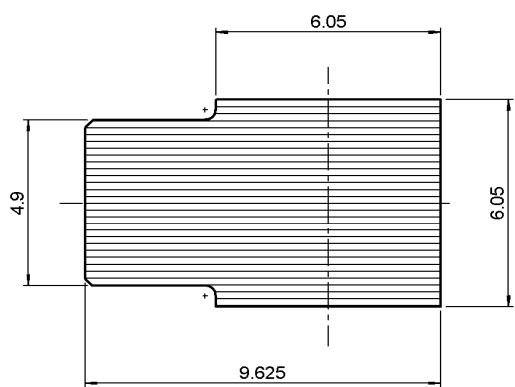
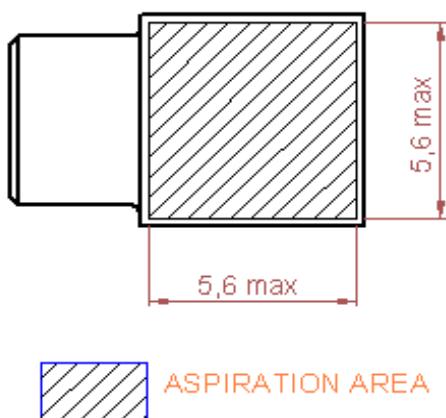
SMT TYPE

Series : MCX

MCX SERIES - INFORMATION

Coplanar line : pattern and signal are on the same side . Thickness of PCB :.063(1.6mm)

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 MCX RECEPTACLE FOR VIDEO CAMERA****ASPIRATION AREA**

Issue : 0905 B

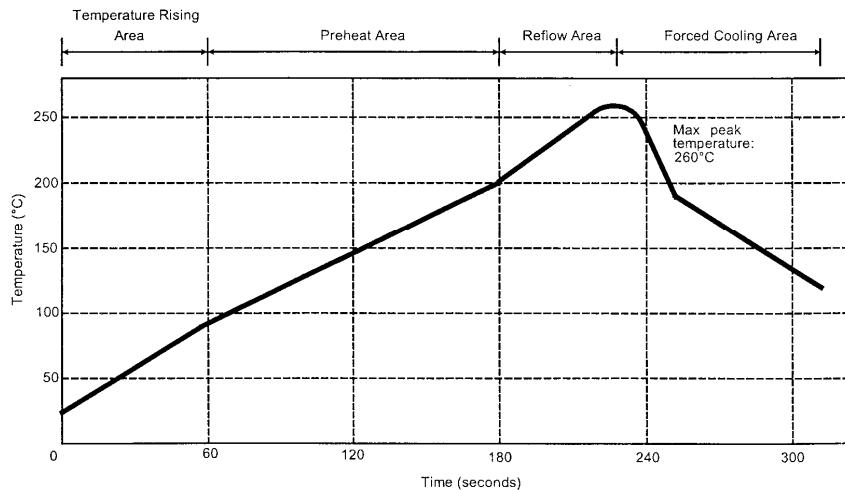
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FEMALE RIGHT ANGLE RECEPTACLE FOR PCB**SMT TYPE****R113.664.000**

Series : MCX

SOLDER PROCEDURE

1. 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 micromm (5.850 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 prefered to check the positioning of the component. Adhesive agents are forbidden on the receptacle.
3. Soldering by infra-red reflow.
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

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