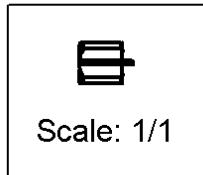
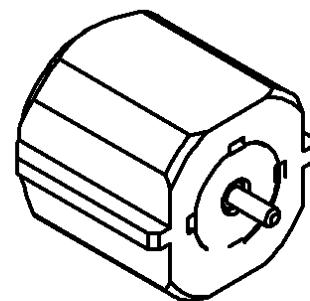
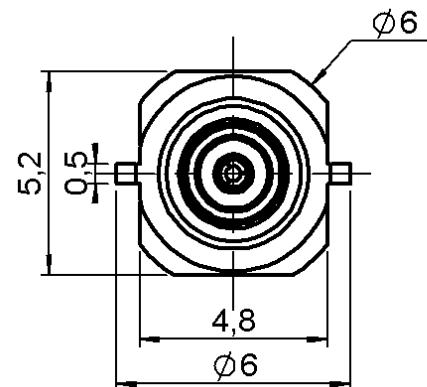
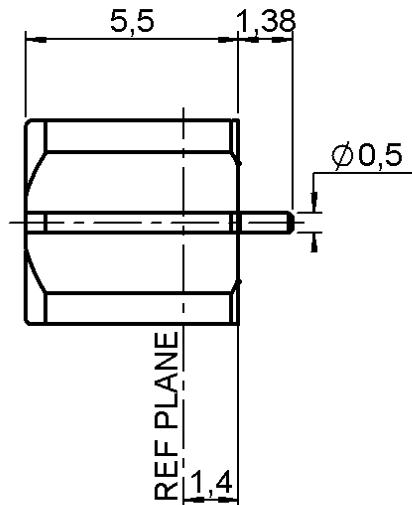


STRAIGHT JACK RECEPTACLE FOR PCB

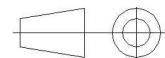
SMT TYPE - EDGE CARD

R113.423.000

Series : MCX



All dimensions are in mm.



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

Issue : 0424 D

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

STRAIGHT JACK RECEPTACLE FOR PCB

SMT TYPE - EDGE CARD

R113.423.000

Series : MCX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50 Ω
Frequency	0-6 GHz
VSWR	1.05 * + 0.015 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 CHARACTERISTICS

Assembly instruction

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	0.850 g

Issue : 0424 D

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STRAIGHT JACK RECEPTACLE FOR PCB
SMT TYPE - EDGE CARD

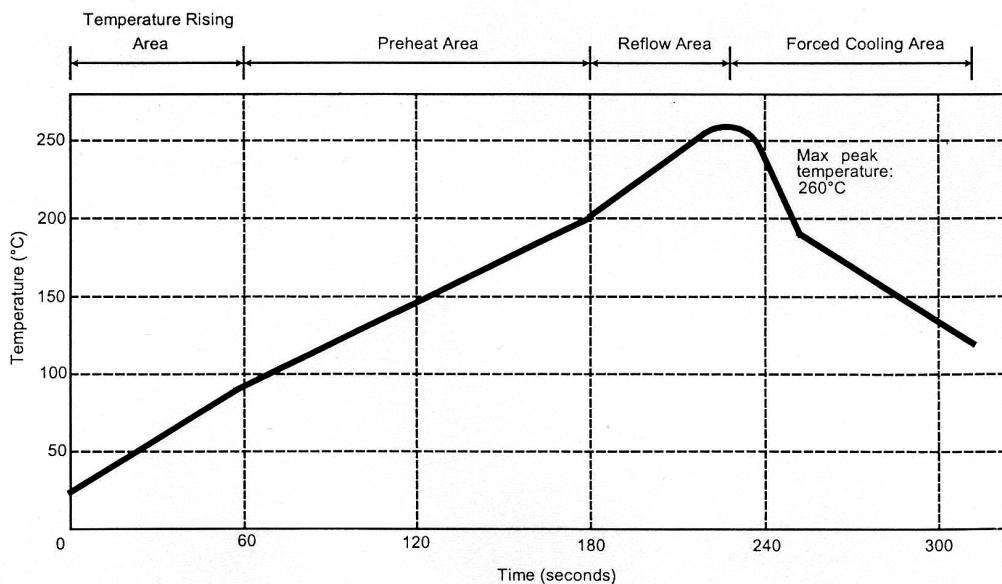
R113.423.000

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.
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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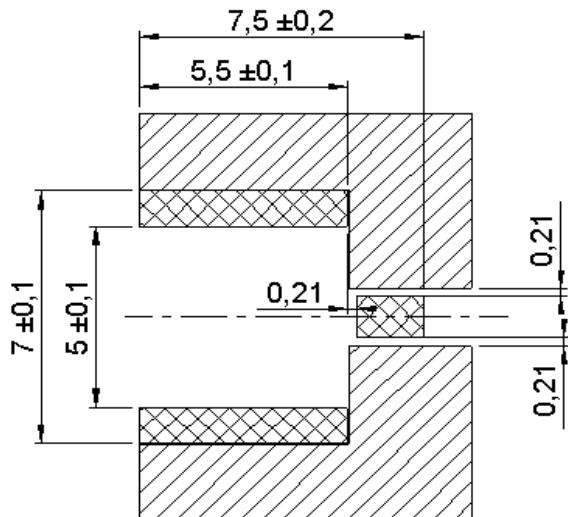
STRAIGHT JACK RECEPTACLE FOR PCB

SMT TYPE - EDGE CARD

R113.423.000

Series : MCX

MCX SERIES - INFORMATIONS


 Pattern

 Land for solder paste

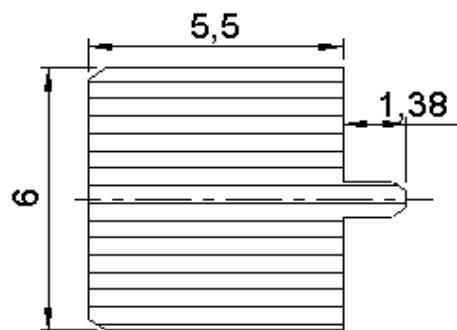
COPLANAR LINE

Pattern and signal are on the same side

Thickness of PCB : 1.6mm

The material of PCB is the epoxy resin of
glass fabrics bacs.(En -4.8)The solder resist should be printed except
for the land pattern on the PCB.

SHADOW OF MCX RECEPTACLE FOR VIDEO CAMERA



Issue : 0424 D

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

Mouser Electronics

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