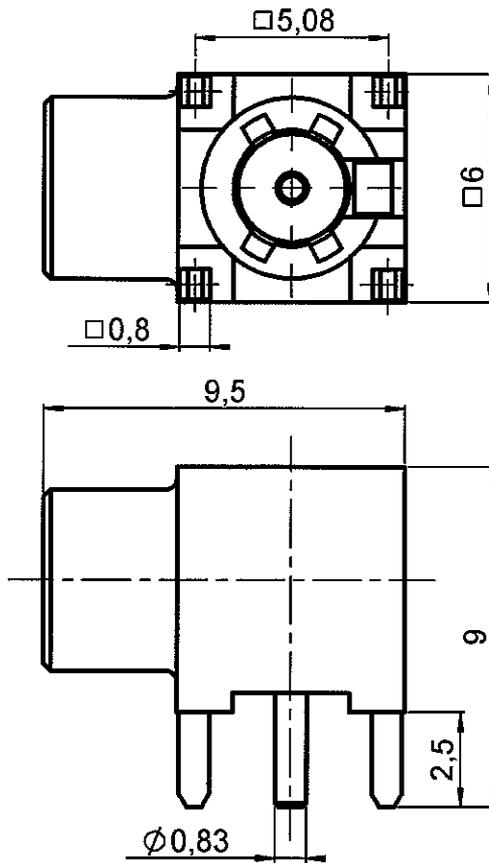


RIGHT ANGLE FEMALE RECEPTACLE FOR PCB

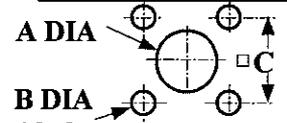
R213.665.120

PIN IN PASTE VERSION - REEL OF 100

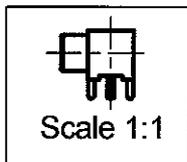
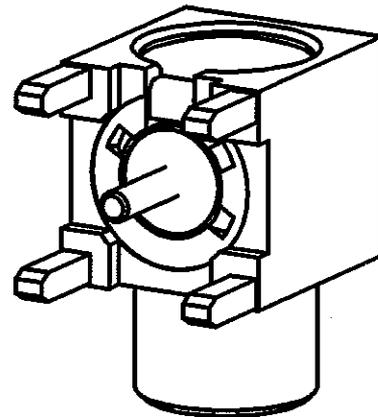
Series : MCX 75



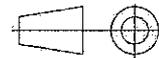
PANEL CUT OUT



	mm	
	Maxi	mini
A	1.1	1
B	1.4	1.3
C	5.13	5.03



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	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0516 B

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



RIGHT ANGLE FEMALE RECEPTACLE FOR PCB

R213.665.120

PIN IN PASTE VERSION - REEL OF 100

Series : **MCX 75**

PACKAGING

SPECIFICATION

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance		75 Ω
Frequency		0-6 GHz
VSWR	1.05* +	0.020 x F(GHz) Maxi
Insertion loss		0.03* √F(GHz) dB Maxi
RF leakage	- (TBD - F(GHz)) dB Maxi
Voltage rating		335 Veff Maxi
Dielectric withstanding voltage		1000 Veff mini
Insulation resistance		1000 MΩ mini

Operating temperature	-55/+155 ° C
Hermetic seal	NA Atm.cm3/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	1.754 g

Issue : 0516 B

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



RIGHT ANGLE FEMALE RECEPTACLE FOR PCB

R213.665.120

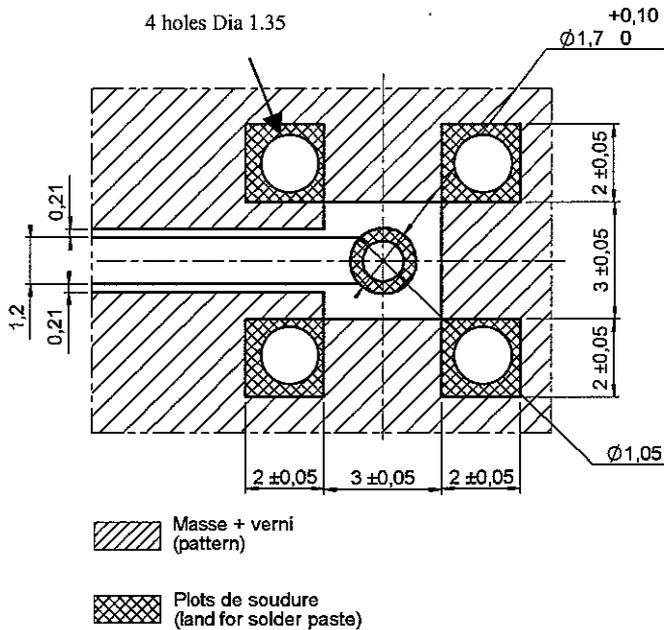
PIN IN PASTE VERSION - REEL OF 100

Series : **MCX 75**

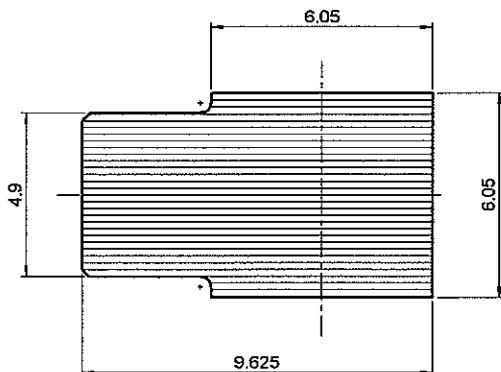
MCX 75 SERIES - INFORMATION

Coplanar line : pattern and signal are on the same side . Thickness of PCB : 0.63(1.6mm)

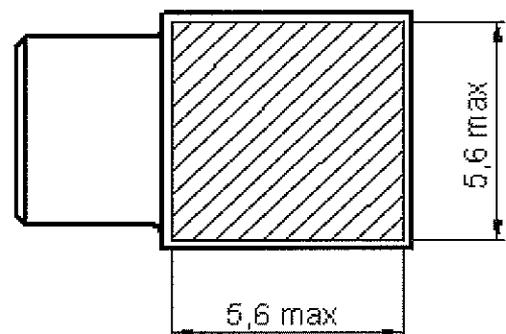
The material of PCB is the epoxy resin of glass fabrics bacs . (Er = 4.8) . The solder resist should be printed except for the land pattern on the PCB .



SHADOW OF MCX RECEPTACLE FOR VIDEO CAMERA



ASPIRATION AREA



 **ASPIRATION AREA**

changes judged to be



RIGHT ANGLE FEMALE RECEPTACLE FOR PCB
PIN IN PASTE VERSION - REEL OF 100

R213.665.120

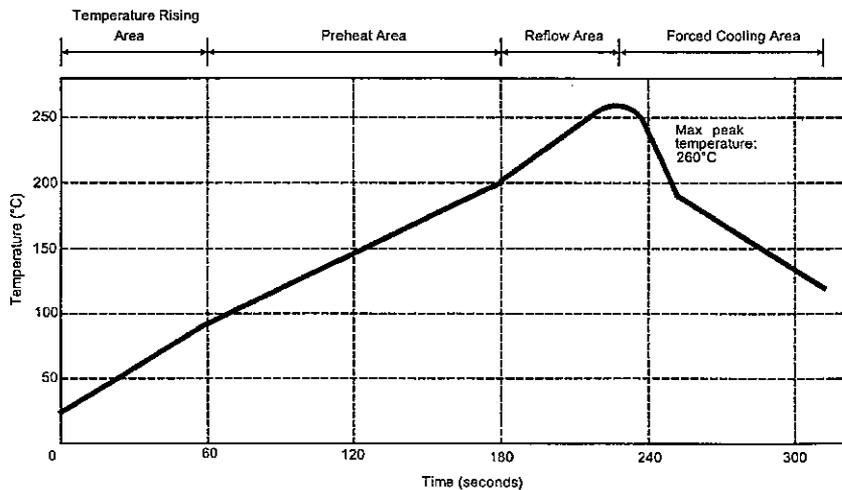
Series : MCX 75

SOLDER PROCEDURE

1. Deposit solder paste 'SnAg4Cu0.5' 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. A video camera is recommended for positioning of the component . Adhesive agents must not be used on the receptacle.
3. This process of soldering has been tested with convection oven .Below please find ,the typical profile to use.
4. The cleaning of printed circuit boards is not obliged .
5. Verification of solder joints and position of the component by visual inspection.

NOTE : The receptacle and the plug must not be mated before completion of this procedure

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

Issue : 0516 B

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

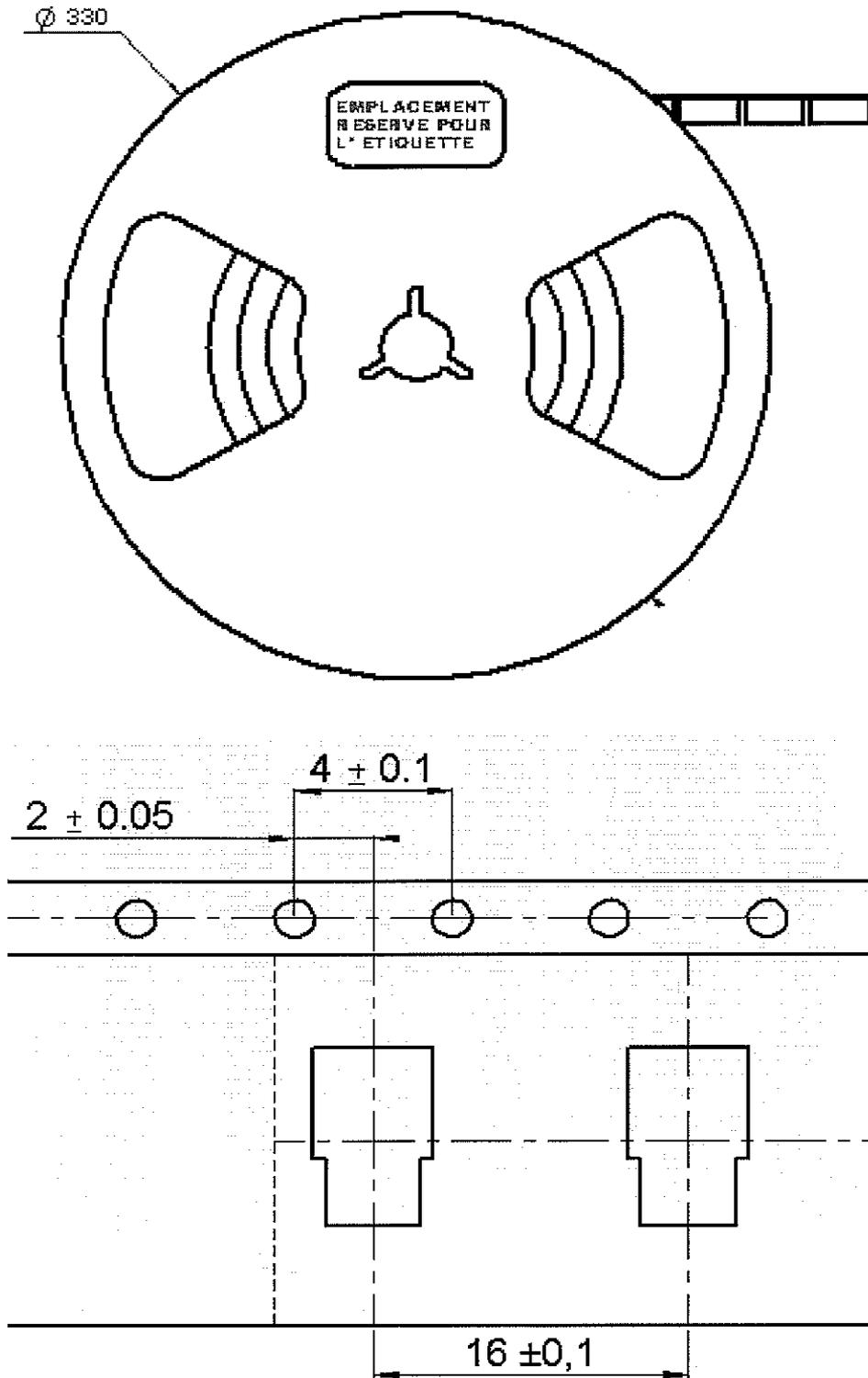


RIGHT ANGLE FEMALE RECEPTACLE FOR PCB

R213.665.120

PIN IN PASTE VERSION - REEL OF 100

Series : MCX 75



Issue : 0516 B

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

