

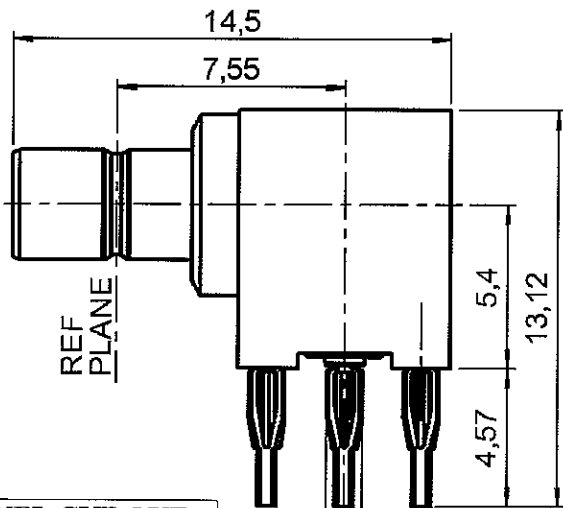
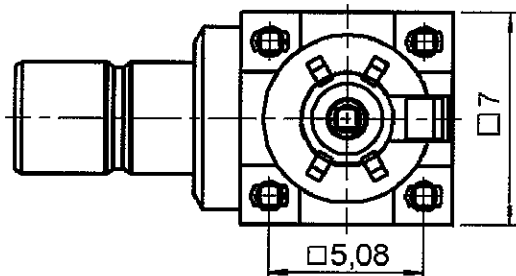
R/A MALE RECEPTACLE FOR PCB

PRESS FIT LEGS - PACK. 100

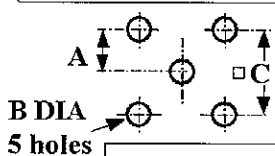
R114.661.020

Series : SMB

ORIGINAL

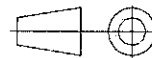
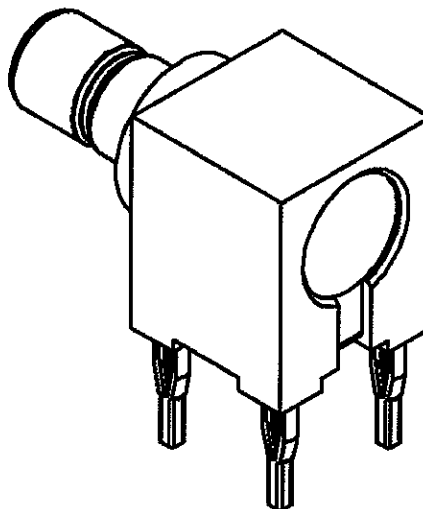
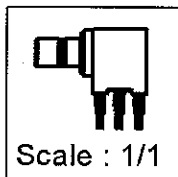


PANEL CUT OUT



	mm	
	Maxi	mini
A	2.565	2.515
B	1.09	0.94
C	5.105	5.055

For $\varnothing 1^{+0,09}_{-0,06}$
Plated holes



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	PHOSPHOR BRONZE	TIN 3 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0603 C

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



R/A MALE RECEPTACLE FOR PCB

R114.661.020

PRESS FIT LEGS - PACK. 100

Series : SMB

ORIGINAL SPECIFICATION

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.15 + 0,1000	x F(GHz) Maxi
Insertion loss	0.1*	√F(GHz) dB Maxi
RF leakage	-(57	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	1000	MΩ mini

ENVIRONMENTAL

Operating temperature	-40/+85	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICS

Assembly instruction NA

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	3,3500	g

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RADIALL®

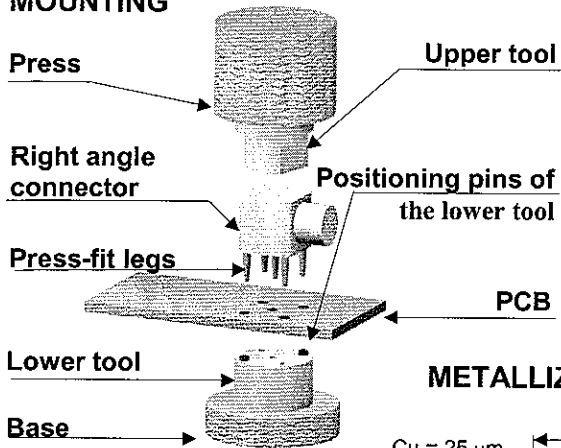
R/A MALE RECEPTACLE FOR PCB

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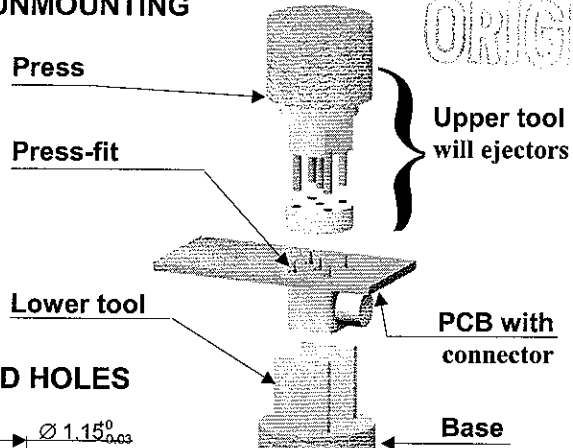
PRESS FIT LEGS - PACK. 100

Series : SMB

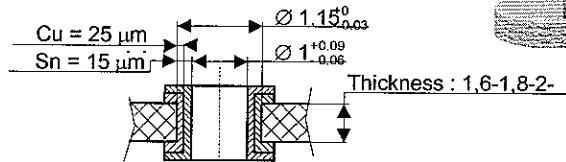
MOUNTING



UNMOUNTING

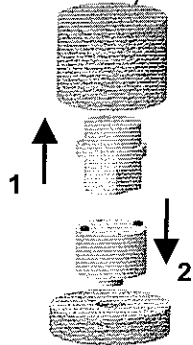


METALLIZED HOLES



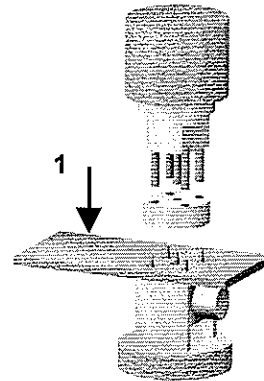
1

Slide the upper tool (R282.878.500) into the machine (press).
Slide the lower tool (R282.878.523) into the base.



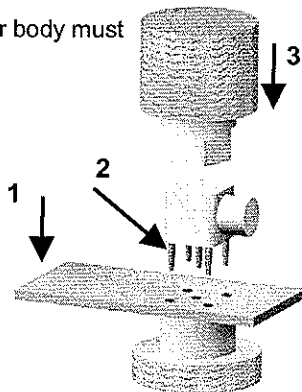
1

Place correctly the PCB and the connector on the lower tool (R282.878.533)



2

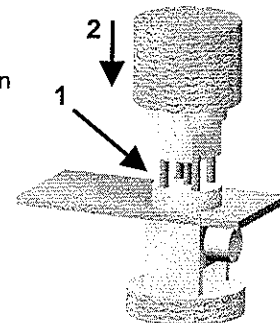
Place correctly the PCB on the lower tool.
Introduce the press-fit legs into the holes of the PCB.
Push on top (100N mini per press-fit leg) until total insertion.
Note: the connector body must rest on the PCB.



2

Place the upper tool (R282.878.513) at the back of the connector and place correctly the ejectors :
- on the press-fit legs (if their length exceed the PCB thickness)
- in the holes of the PCB (if not).
Press the upper tool (100N mini per press-fit leg) to remove the connector until it slide down into the lower tool .

CAUTION :
A plated hole of the PCB can be used up to 3 times.



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