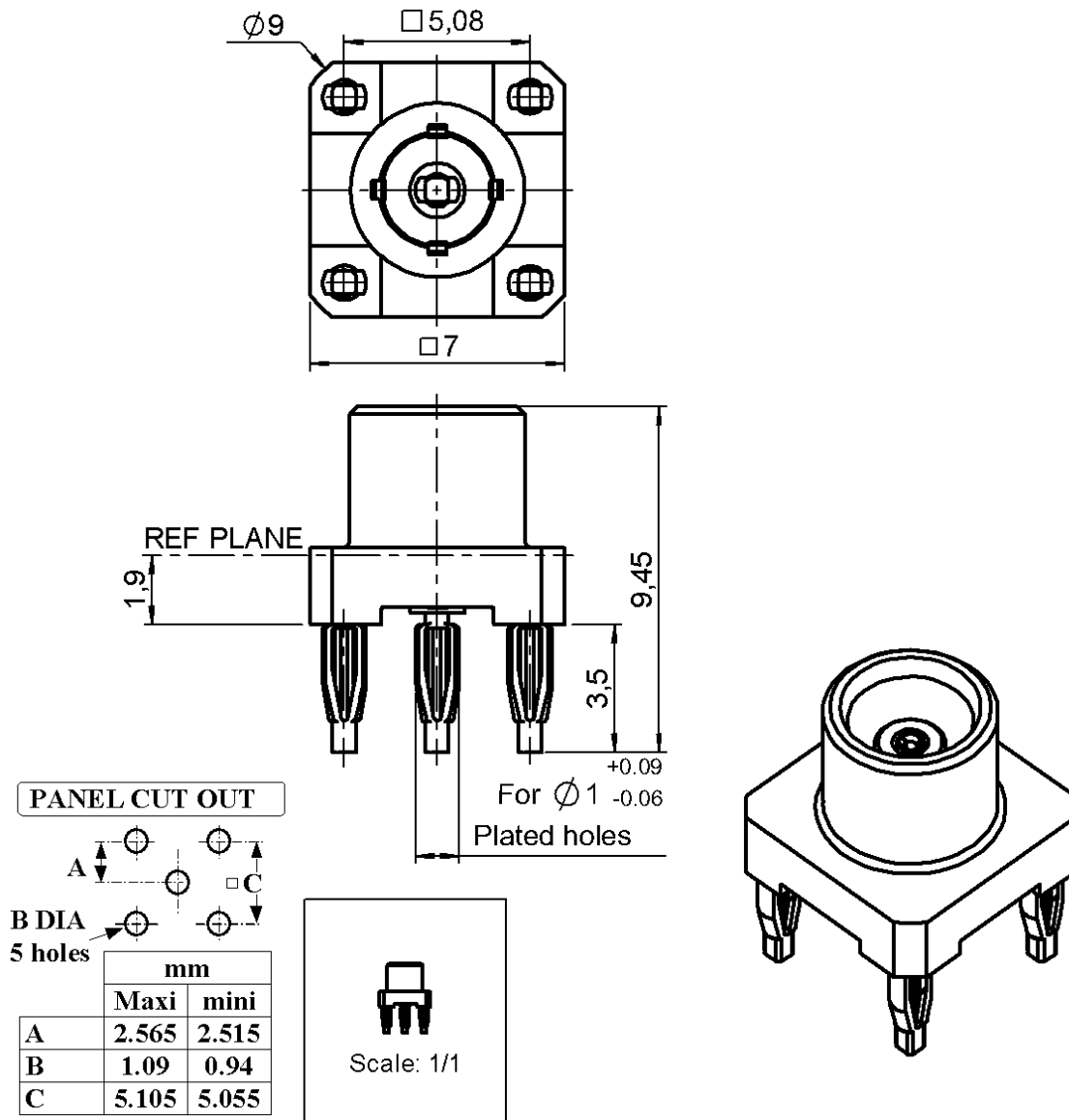


STRAIGHT JACK RECEPTACLE FOR PCB

R113.416.000

PRESS FIT LEGS

Series : MCX



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (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	PHOSPHOR BRONZE	TIN 3 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0540 D

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



STRAIGHT JACK RECEPTACLE FOR PCB**PRESS FIT LEGS****R113.416.000**

Series : MCX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.05 + 0.050	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	-40/+85	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICSAssembly 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	0.970 g

Issue : 0540 D

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**RADIALL®**

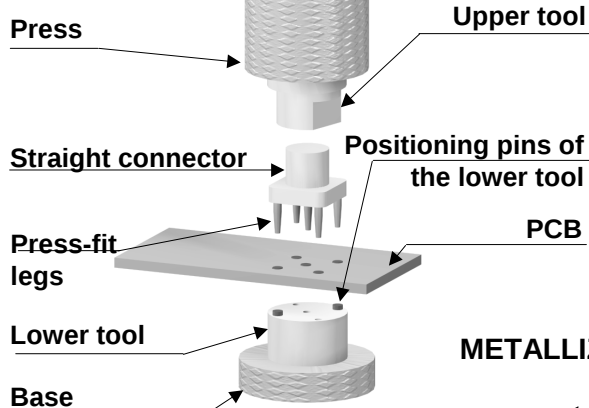
STRAIGHT JACK RECEPTACLE FOR PCB

R113.416.000

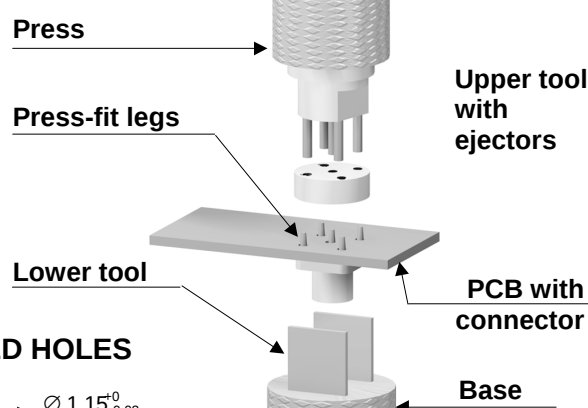
PRESS FIT LEGS

Series : MCX

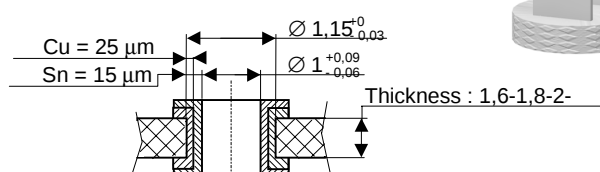
MOUTING



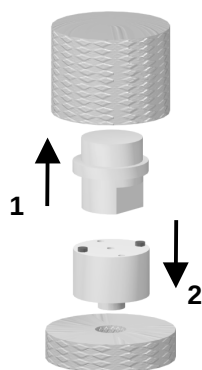
UNMOUTING



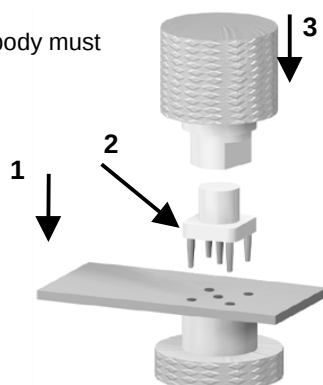
METALLIZED HOLES

**1**

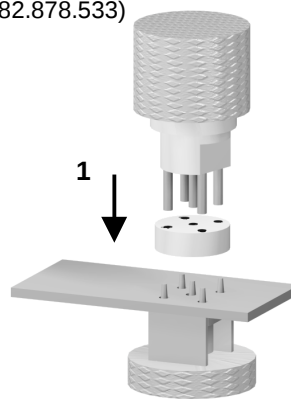
Slide the upper tool (R282.878.140) into the machine (press).
Slide the lower tool (R282.878.523) into the base.

**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.

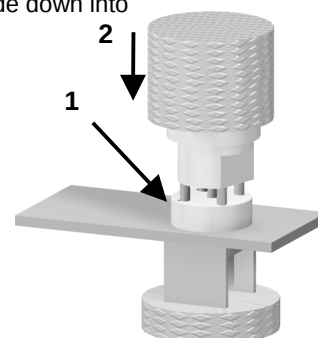
**1**

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

**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.



Issue : 0540 D

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