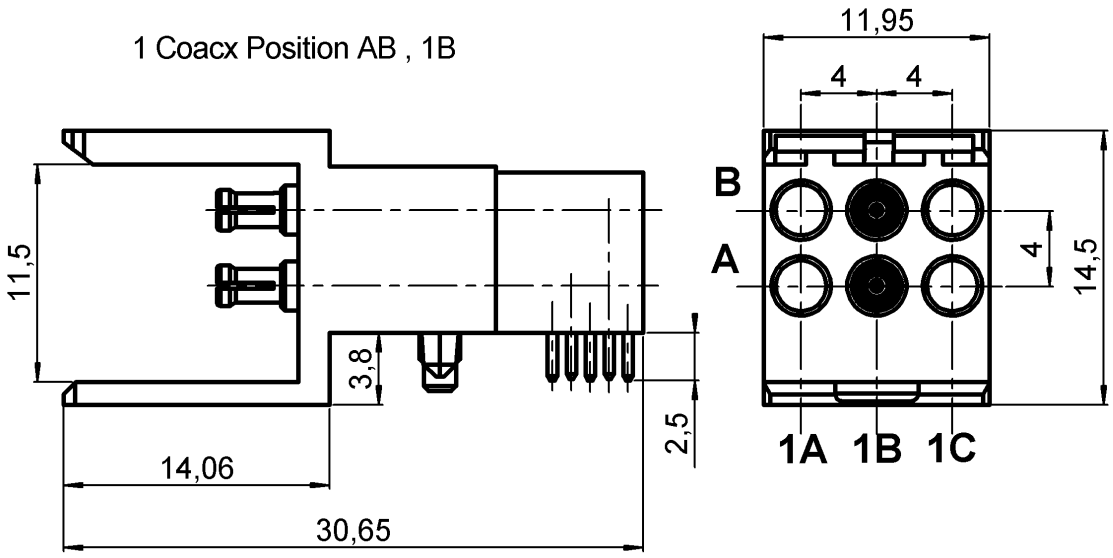
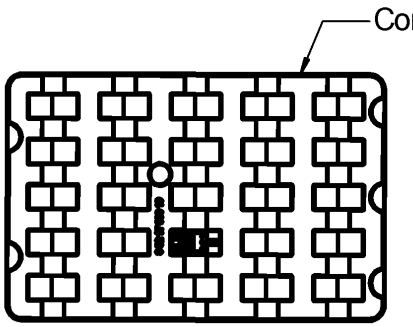
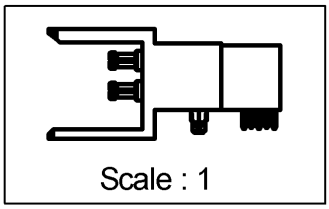
R/A MALE MODULE 2 SOLDER TYPE INSERTS 2.5MM FOR PCB

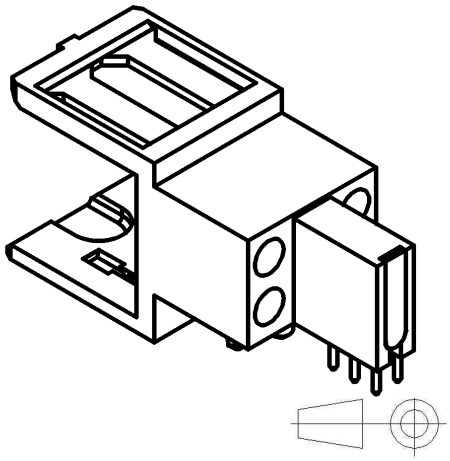
R694.251.112

Series : **MCC2**









All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	**BRASS**	**NICKEL 2**
CENTER CONTACT	**BERYLLIUM COPPER**	**NPGR**
OUTER CONTACT	**BRONZE**	**NPGR**
INSULATOR	**PEEK , ULTEM**	
GASKET	-	
OTHERS PARTS	**LIQUID CRISTAL POLYMER**	-
-	-	-
-	-	-

Issue : 0627 B

RADIALL®

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R694.251.112

Series : **MCC2**

PACKAGING

Standard	Unit	Other
25	**'W' option**	**Contact us**

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-6**	GHz
VSWR	**1.20***	+	**0,0000**	x F(GHz) Maxi
Insertion loss			**0.2**	√F(GHz) dB Maxi
RF leakage		- (	**-**	- F(GHz)) dB Maxi
Voltage rating			**500**	Veff Maxi
Dielectric withstanding voltage			**750**	Veff mini
Insulation resistance			**5000**	MΩ mini

ENVIRONMENTAL

Operating temperature	**-25/+125**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

OTHER CHARACTERISTICS

Assembly instruction

Others :
VSWR optimized between DC to 3GHz

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**6**	N mini
Axial force – Opposite end	**6**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**NA**	N.cm
Mating life	**500**	Cycles mini
Weight	**79,6100**	g

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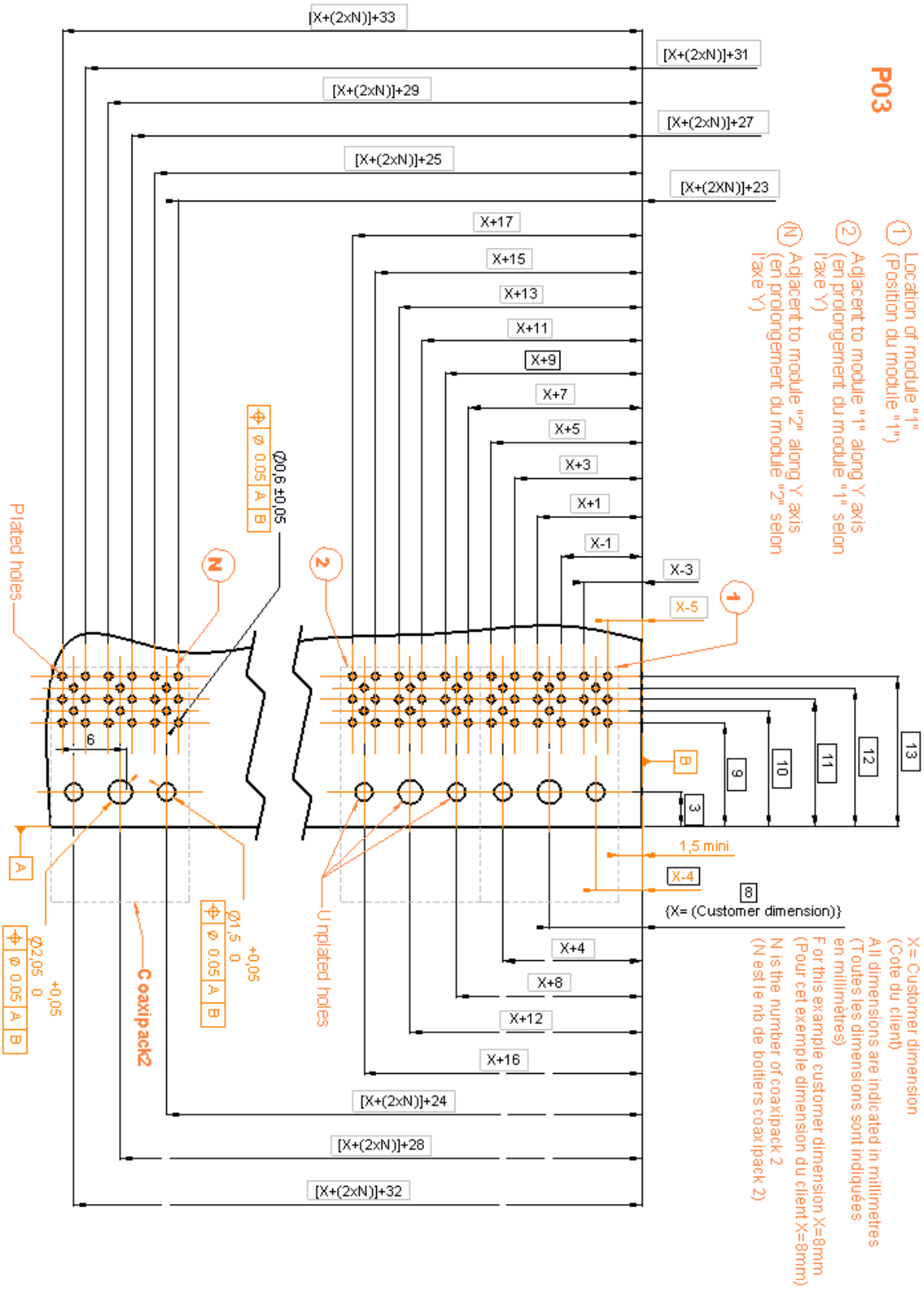

Issue : 0627 B

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

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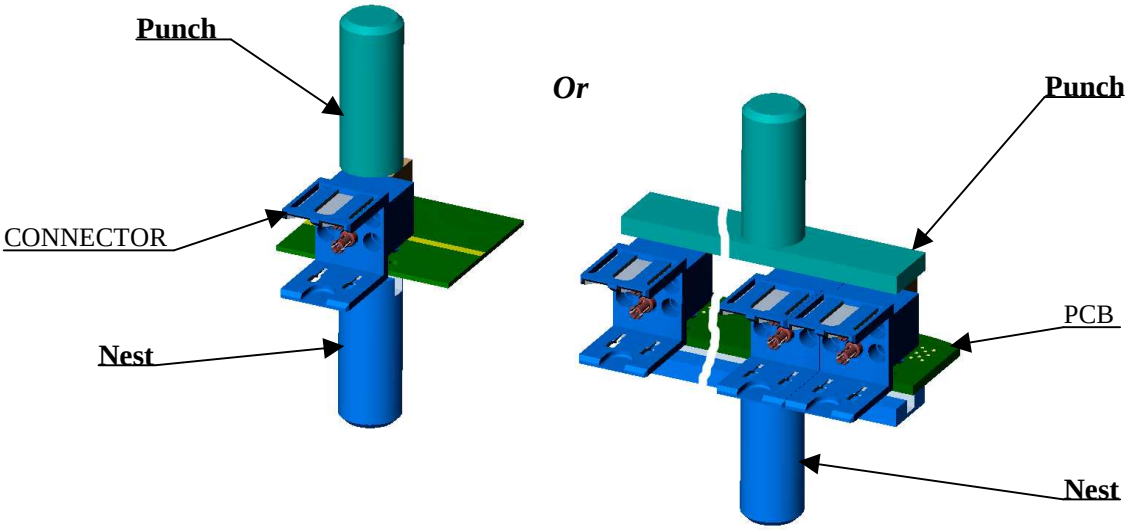
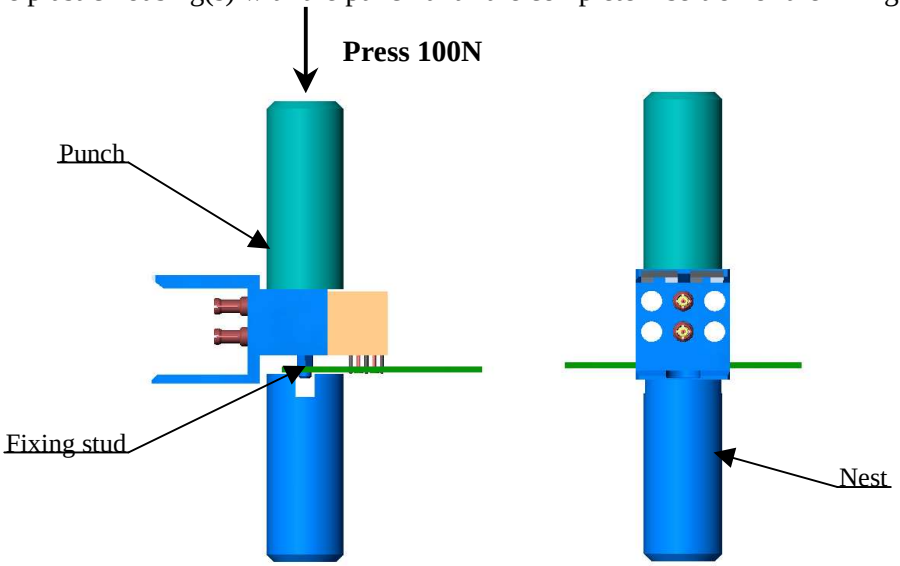
Series : **MCC2**

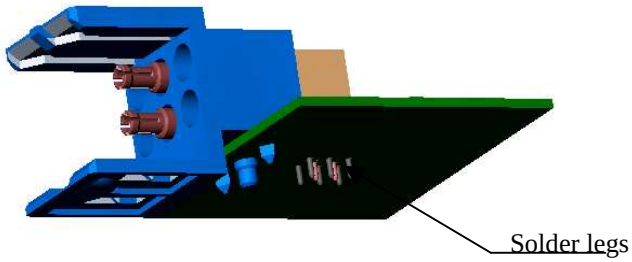
- Place the coax connector on the PCB



- Place correctly the PCB between the punch and the nest of the press.
- In case of multiple housing configuration , use a punch and a nest large enough to cover all the housings.
- Press on the plastic housing(s) with the punch until the complete insertion of the fixing stud into the PCB.



- Solder the legs on board



Radiall do not recommend to use more than 3 modules on the same motherboard and can't be held liable of any connection defect when more than 3 modules are implemented on the board