

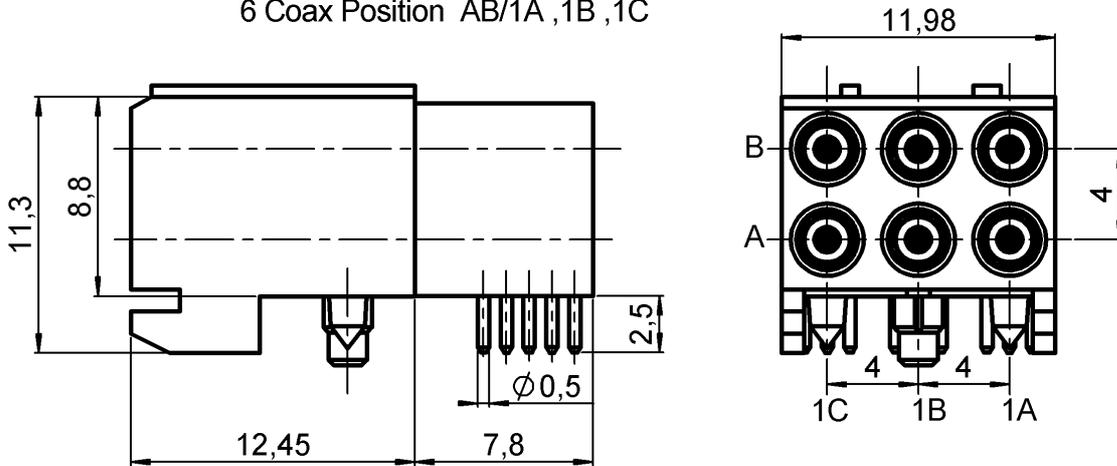
R/A FEMALE MODULE 6 SOLDER TYPE INSERTS

R694.252.107

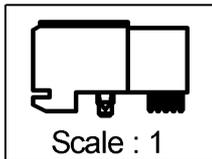
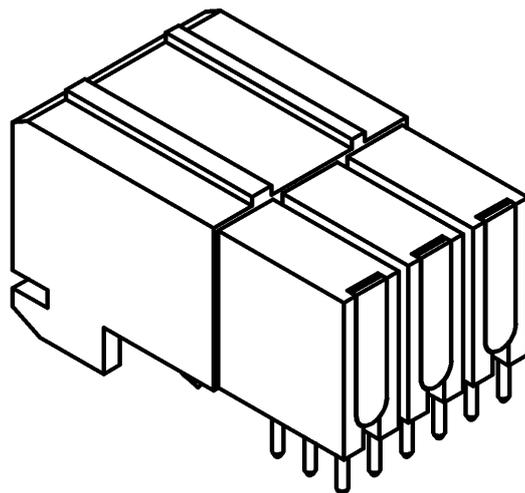
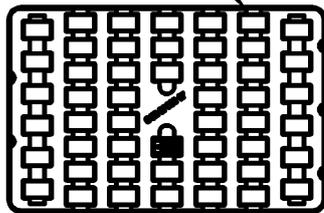
2.5MM FOR PCB

Series : MCC2

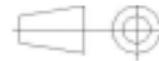
6 Coax Position AB/1A ,1B ,1C



Connectors' packaging



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	NPGR
OUTER CONTACT	BRASS	NPGR
INSULATOR	PEEK , ULTEM	
GASKET	-	
OTHERS PARTS	LIQUID CRISTAL POLYMER	
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Issue : 0727 D

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



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Series : MCC2

PACKAGING

SPECIFICATION

Standard	Unit	Other
50	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.15* + 0,0000	x F(GHz) Maxi
Insertion loss	0.2	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (AD)	- F(GHz) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	750	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-25/+125	$^{\circ}\text{C}$
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	7,1000	g

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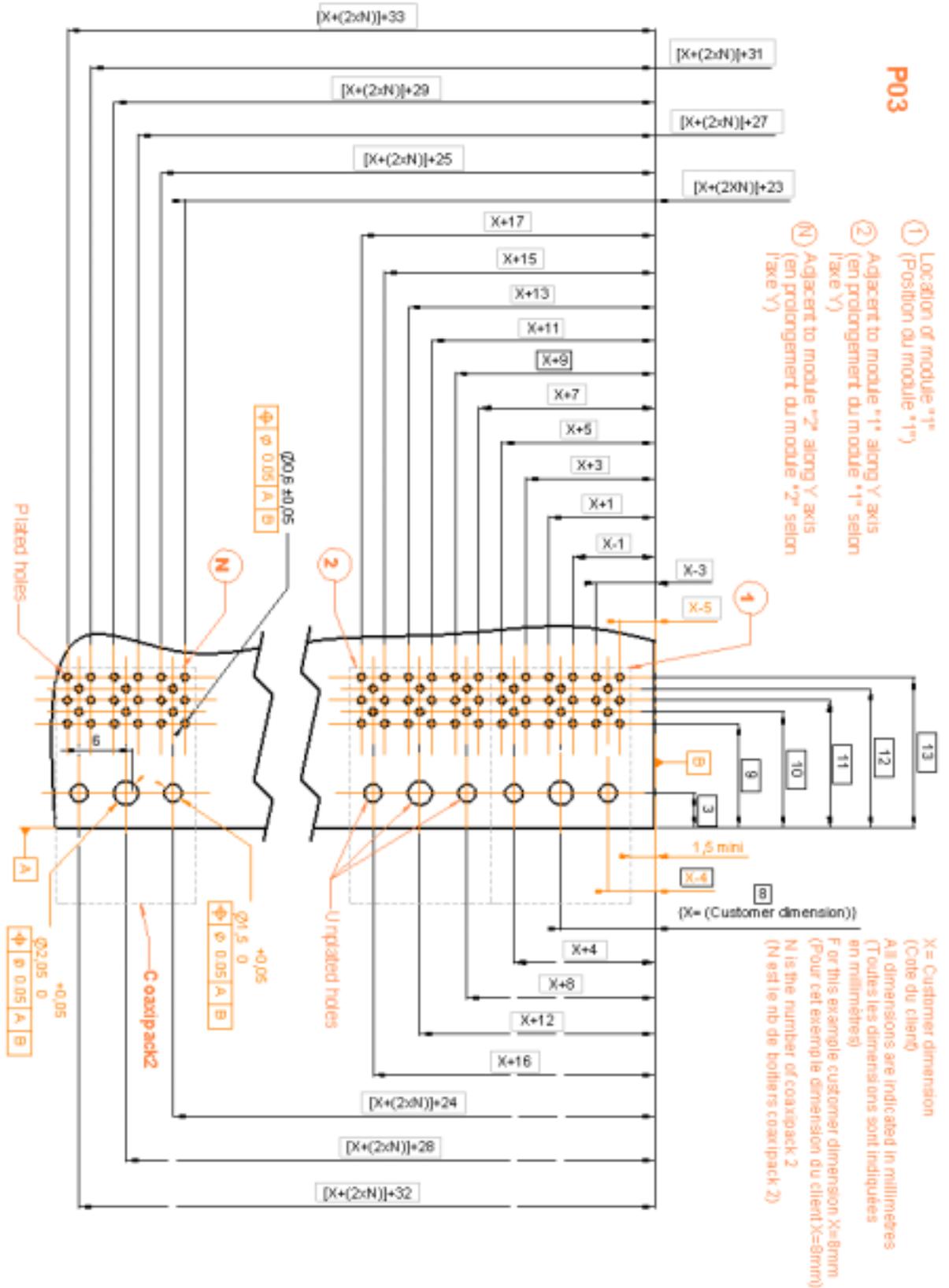
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P03

- ① Location of module *1* (Position du module *1*)
- ② Adjoint to module *1* along Y axis (en prolongement du module *1* selon l'axe Y)
- ③ Adjoint to module *2* along Y axis (en prolongement du module *2* selon l'axe Y)

X= Customer dimension (Cote du client)
 All dimensions are indicated in millimetres (Toutes les dimensions sont indiquées en millimètres)
 For this example customer dimension X=8mm (Pour cet exemple dimension du client X=8mm)
 N is the number of coaxial pack 2 (N est le nb de boîtiers coaxial pack 2)

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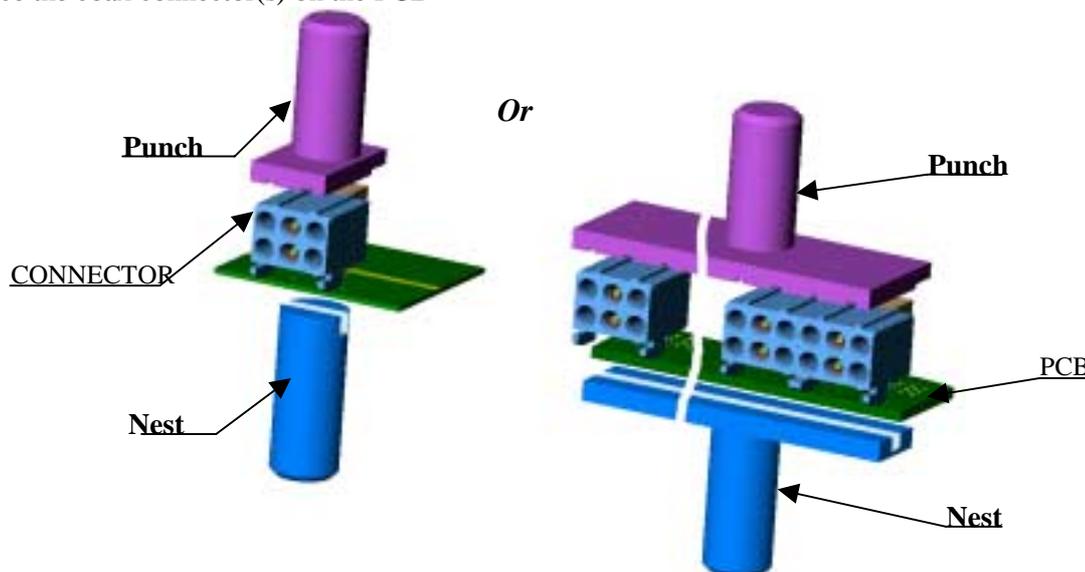


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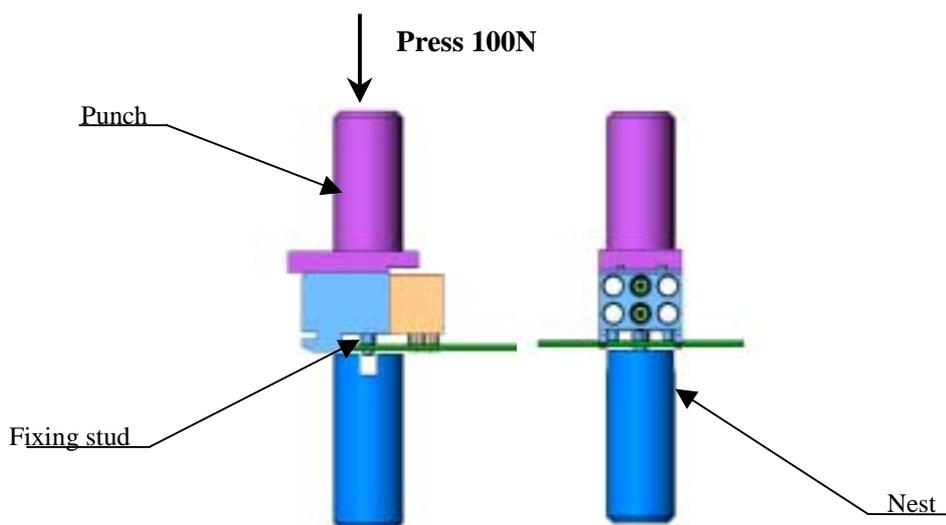
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Series : MCC2

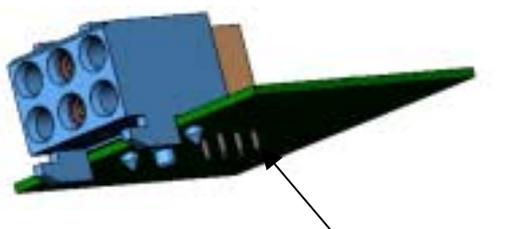
- Place the coax connector(s) on the PCB



- 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.

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