

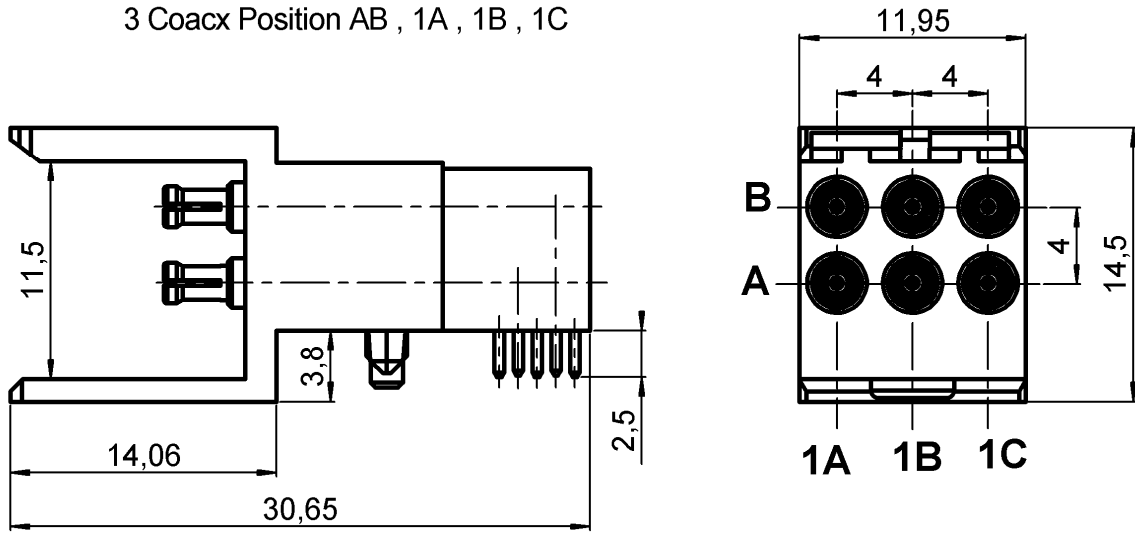
R/A MALE MODULE 6 SOLDER TYPE INSERTS

R694.251.117

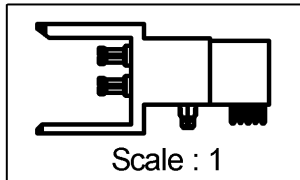
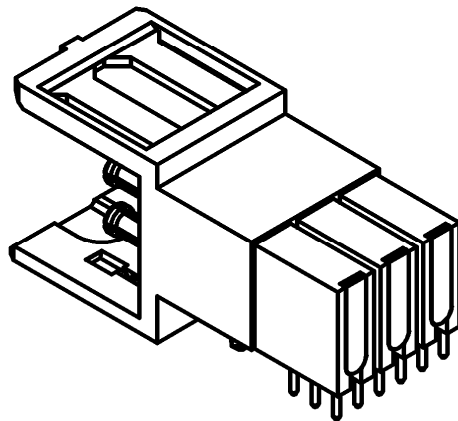
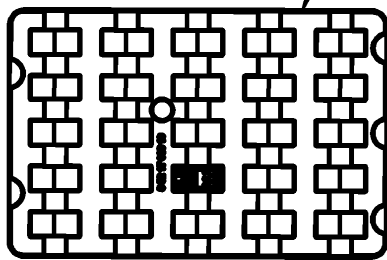
2.5MM FOR PCB

Series : MCC2

3 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	BRONZE	NPGR
INSULATOR	PEEK , ULTEM	
GASKET	-	
OTHERS PARTS	LIQUID CRYSTAL POLYMER	
.	.	.
.	.	.

Issue : 0818 B

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



R/A MALE MODULE 6 SOLDER TYPE INSERTS

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2.5MM FOR PCB

Series : **MCC2**

PACKAGING

SPECIFICATION

Standard	Unit	Other
25	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

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

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	83,5100	g

Issue : 0818 B

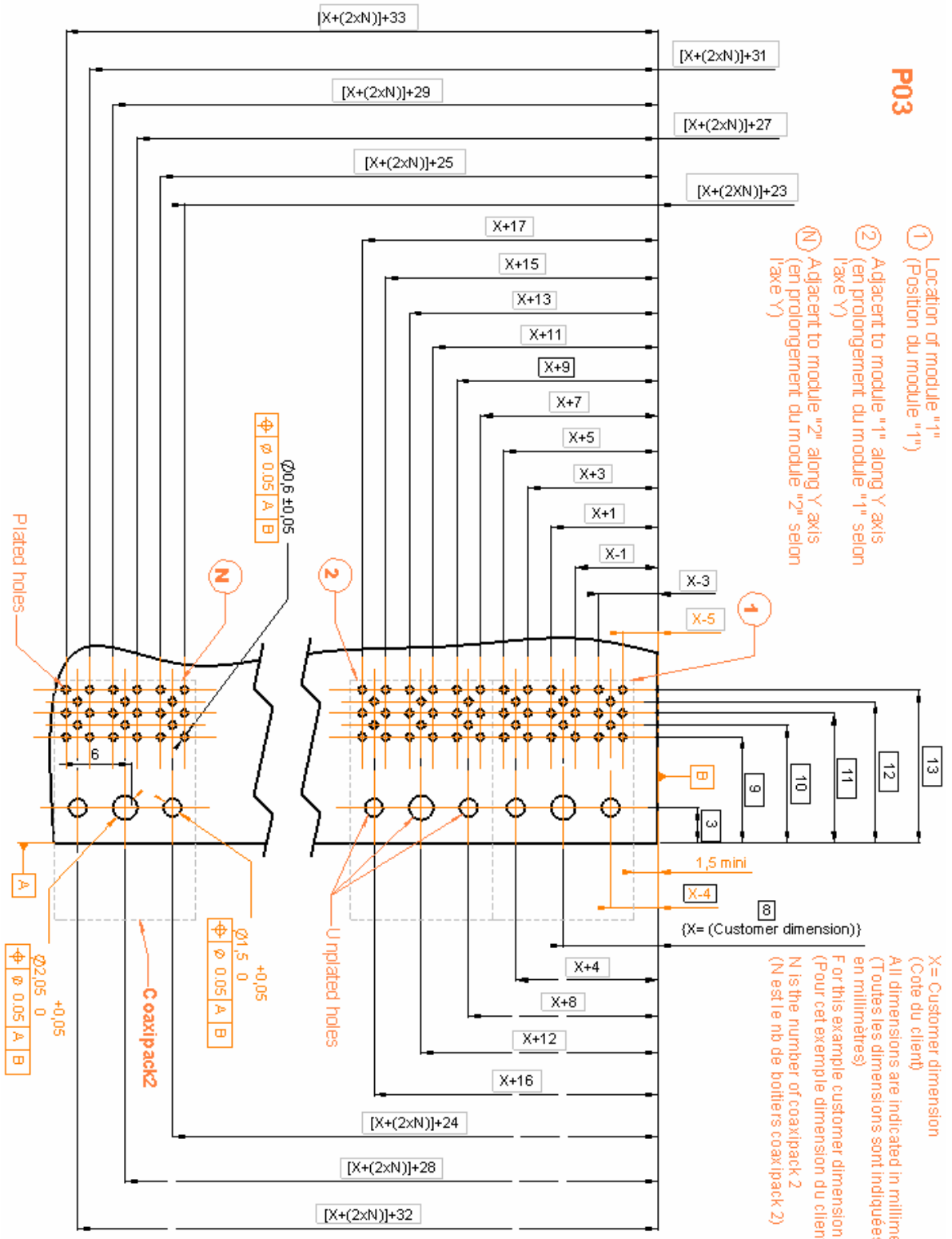
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R/A MALE MODULE 6 SOLDER TYPE INSERTS
2.5MM FOR PCB

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Series : MCC2



Issue : 0818 B

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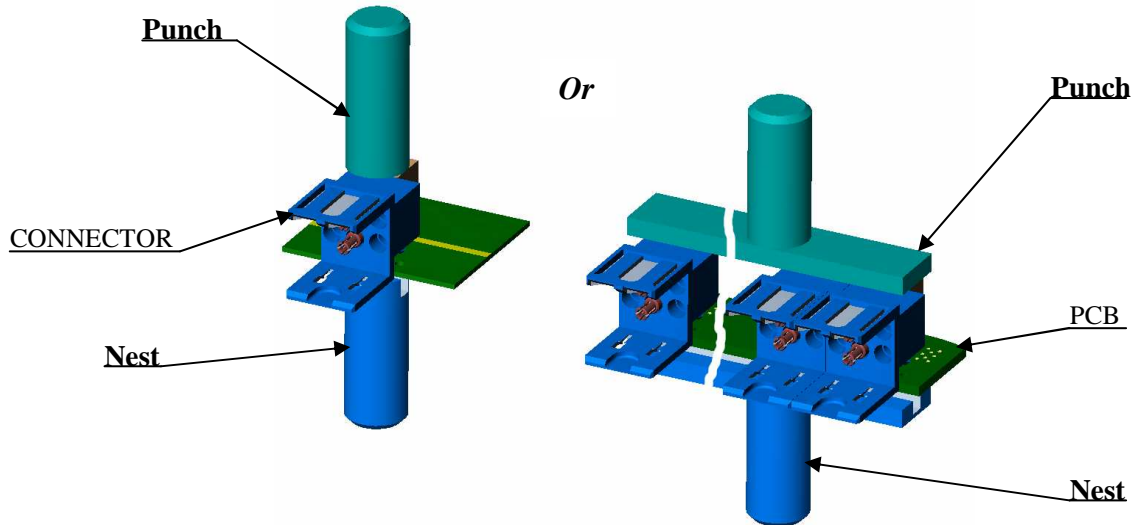


R/A MALE MODULE 6 SOLDER TYPE INSERTS
2.5MM FOR PCB

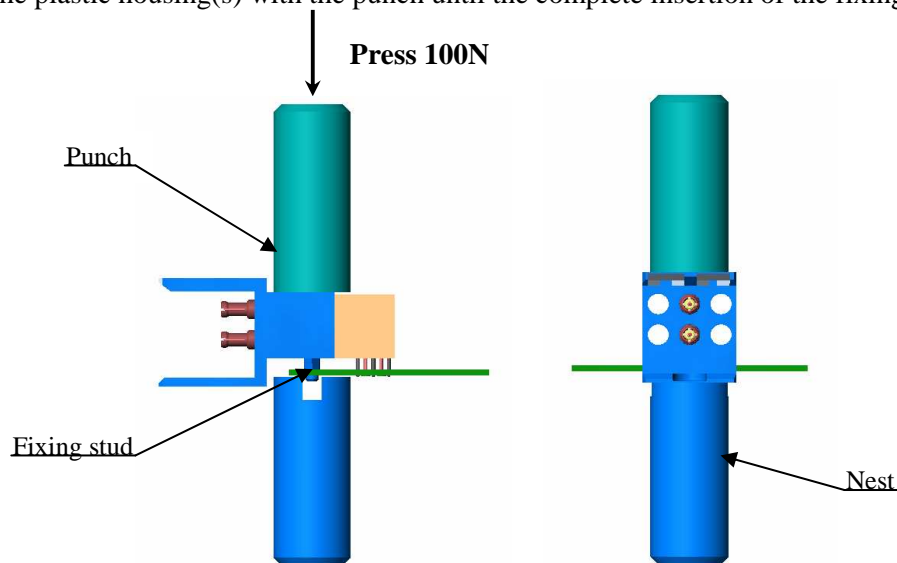
R694.251.117

Series : MCC2

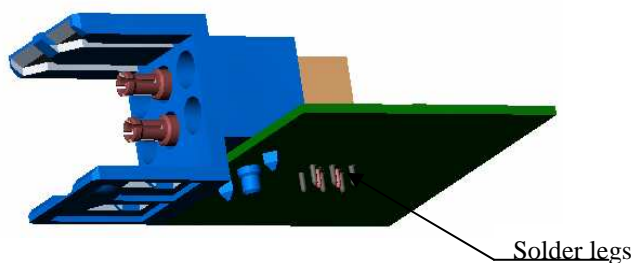
- Place the coax connector on the PCB



- 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

Issue : 0818 B

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