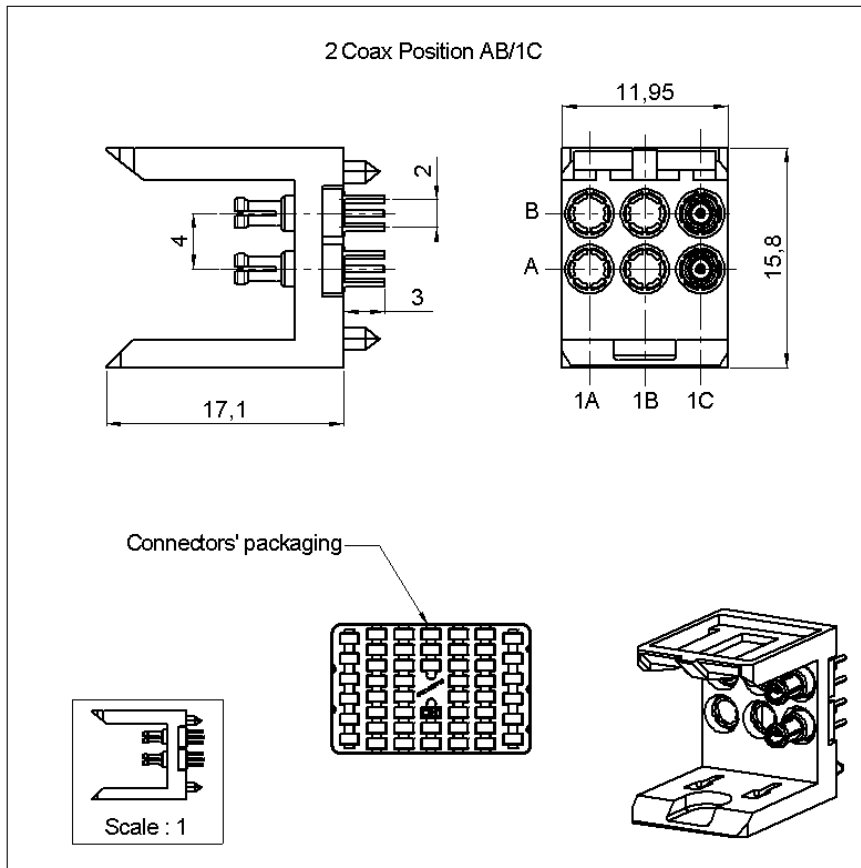


STR. MALE MODULE 2 SOLDER TYPE INSERTS

R694.251.023

3 MM FOR PCB

Series : MCC2



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRONZE	NPGR
CENTER CONTACT	BRASS	NPGR
OUTER CONTACT	BRONZE	NPGR
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	LIQUID CRISTAL POLYMER	
-	-	-
-	-	-

Issue : 0624 C

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



STR. MALE MODULE 2 SOLDER TYPE INSERTS

R694.251.023

3 MM FOR PCB

Series : MCC2

PACKAGING

SPECIFICATION

Standard	Unit	Other
50	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.12 + 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=1.12 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	1,4190	g

Issue : 0624 C

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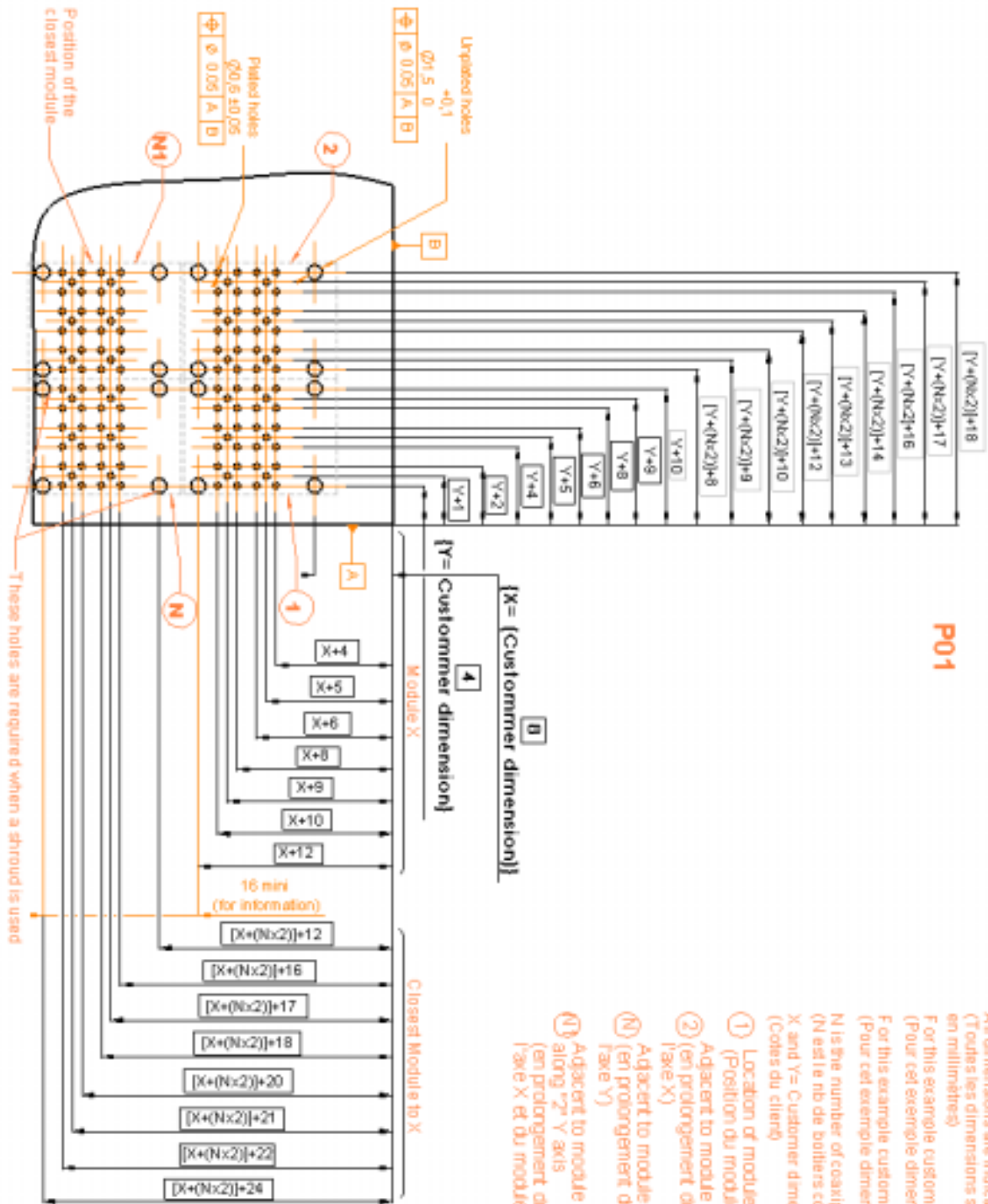


STR. MALE MODULE 2 SOLDER TYPE INSERTS

R694.251.023

3 MM FOR PCB

Series : MCC2



- 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)
- F or this example customer dimension Y=4mm (Pour cet exemple dimension du client Y=4mm)
- N is the number of boilers coaxial pack 2 (N est le nb de boîtiers coaxial pack 2)
- X and Y= Customer dimensions (Cotes du client)
- ① Location of module "1" (Position du module "1")
 - ② Adjacent to module "1" along X axis (en prolongement du module "1" selon l'axe X)
 - ③ Adjacent to module "1" along Y axis (en prolongement du module "1" selon l'axe Y)
 - ④ Adjacent to module "N" along X axis and along "2" Y axis (en prolongement du module "N" selon l'axe X et du module 2 selon l'axe Y)

Issue : 0624 C

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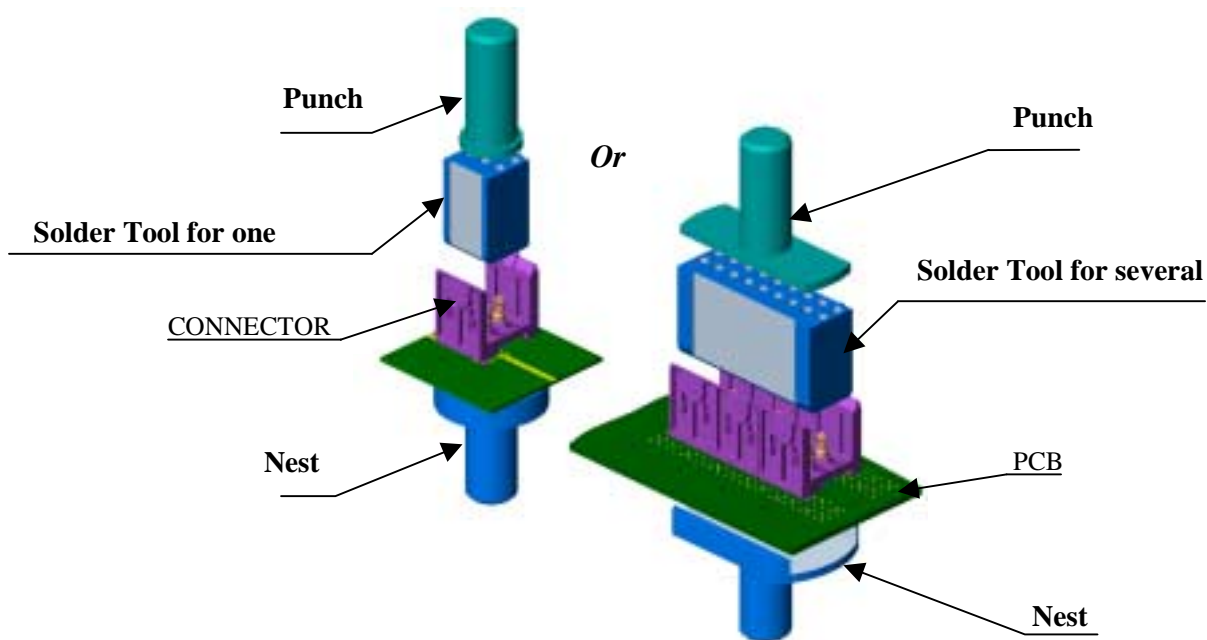
STR. MALE MODULE 2 SOLDER TYPE INSERTS

R694.251.023

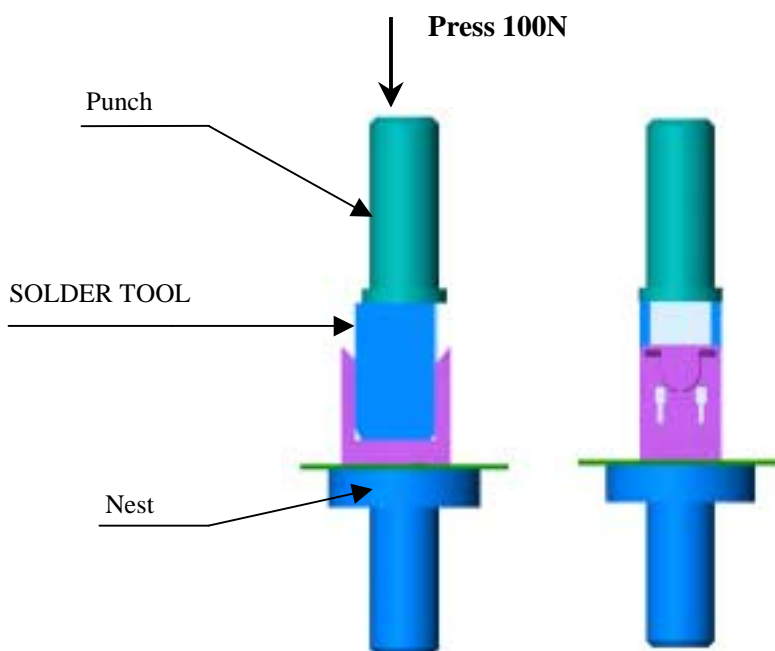
3 MM FOR PCB

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.
- Ensure solder legs are properly aligned with the holes before press-mounting.
- Press on the housing(s) with the punch until the complete insertion of the fixing stud into the PCB.



Issue : 0624 C

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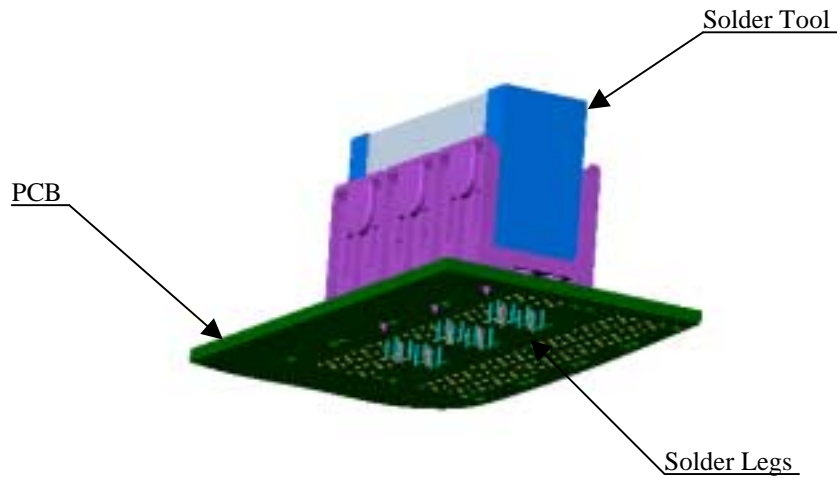


STR. MALE MODULE 2 SOLDER TYPE INSERTS
3 MM FOR PCB

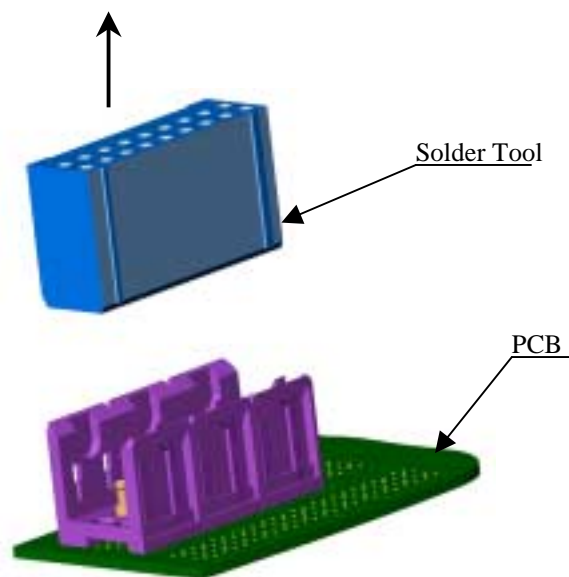
R694.251.023

Series : MCC2

- After the insertion of the connectors on the printed circuit , leave the solder tool inserted in position.
- Solder the legs on board



- After the solder legs have been soldered , using an appropriate soldering process , remove the solder tool.



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 : 0624 C

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

