

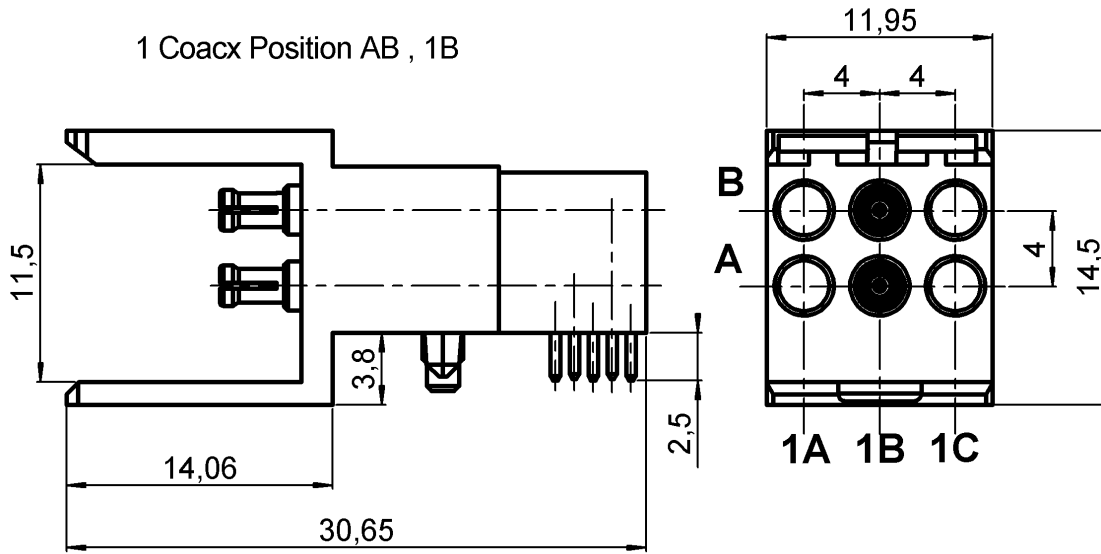
R/A MALE MODULE 2 SOLDER TYPE INSERTS

R694.251.112

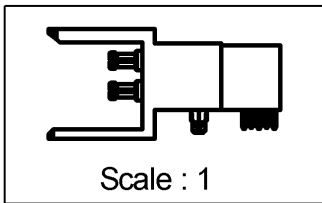
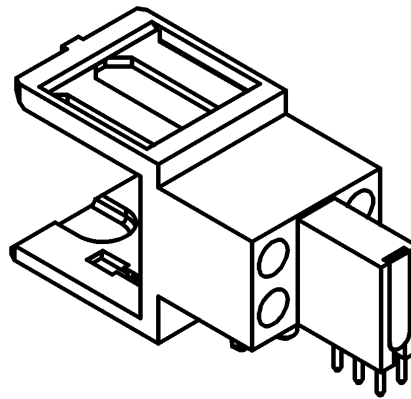
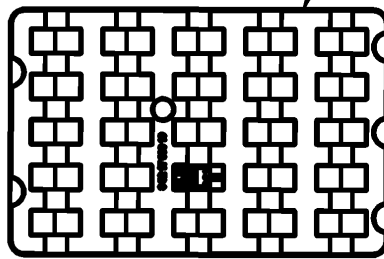
2.5MM FOR PCB

Series : MCC2

1 Coax Position AB , 1B



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 CRISTAL POLYMER | |
| . | . | . |
| . | . | . |

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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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 √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 |

| | |
|-----------------------|---------------------|
| 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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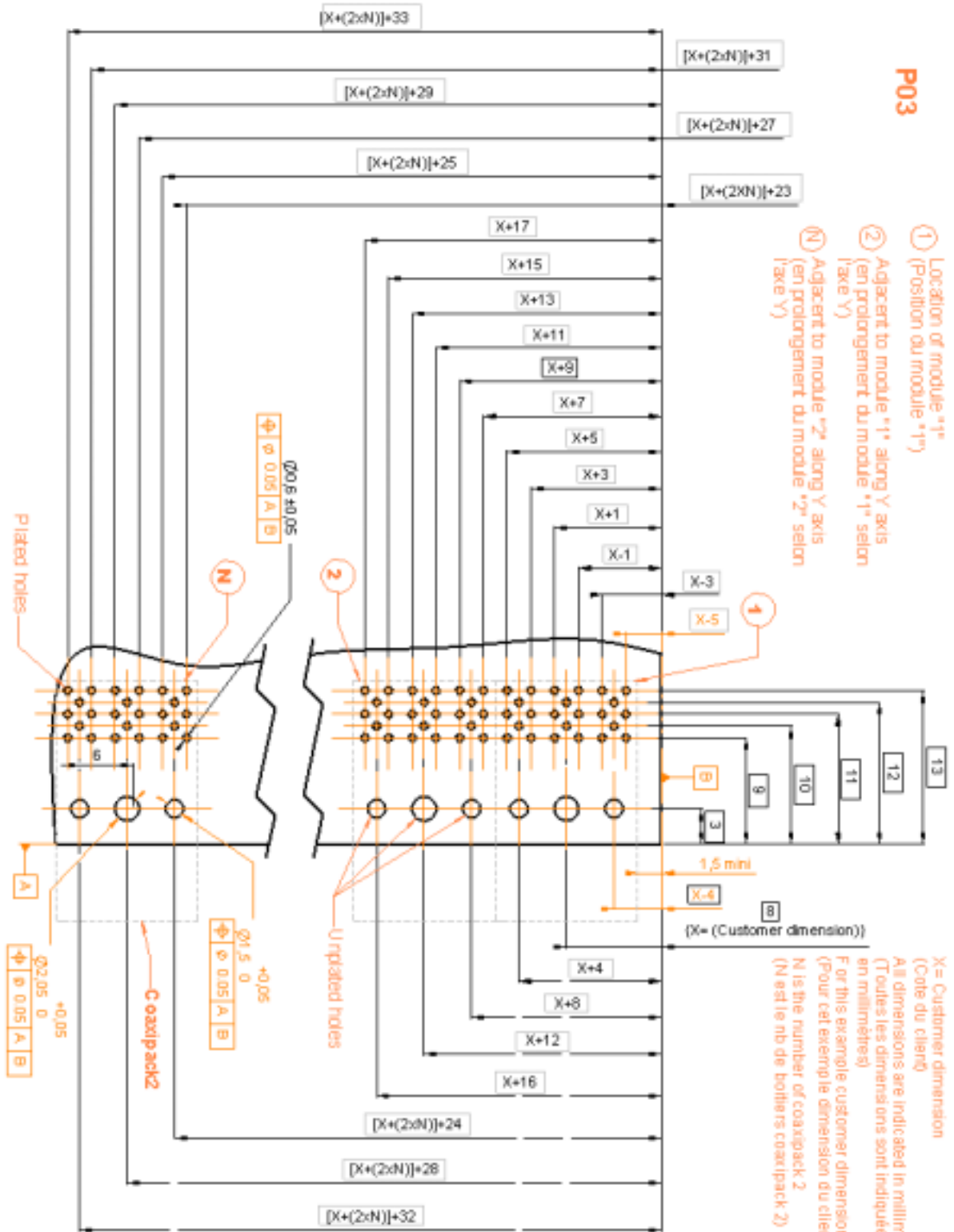


PRELIMINARY

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2.5MM FOR PCB

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P03

- ① Location of module "1" (Position du module "1")
- ② Adjacent to module "1" along Y axis (en prolongement du module "1" selon l'axe Y)
- N Adjacent 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)
 F or 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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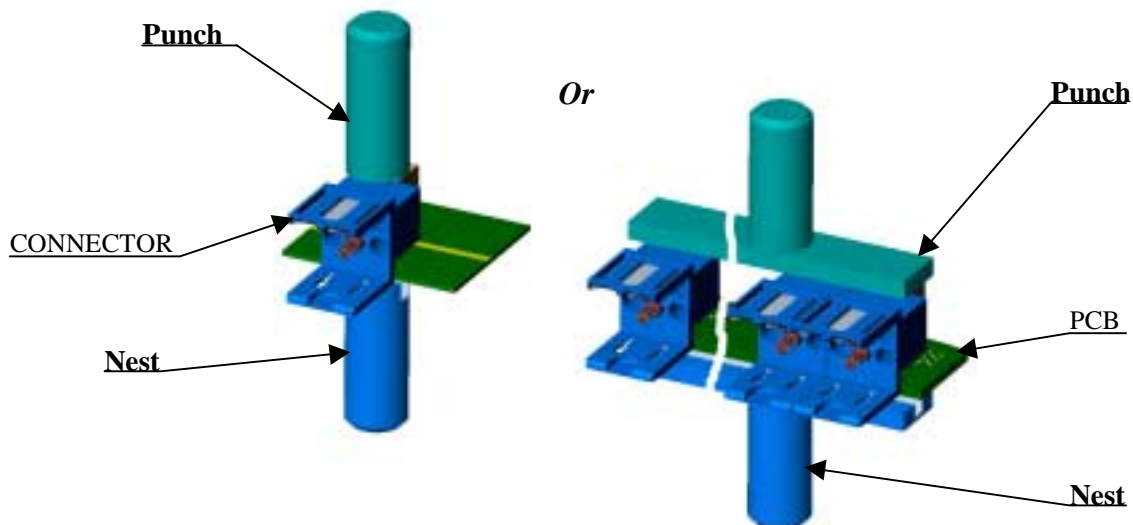
PROHIBÉ

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

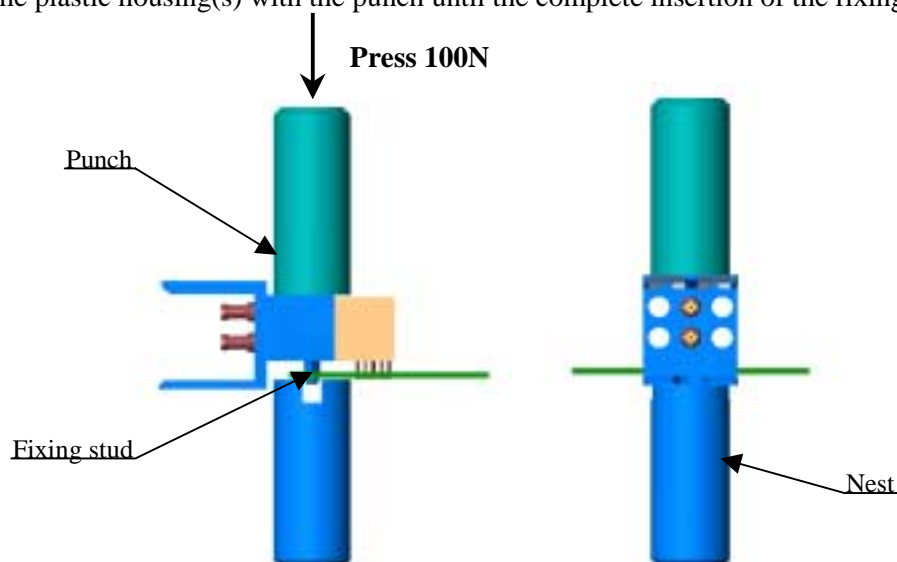
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Series : MCC2

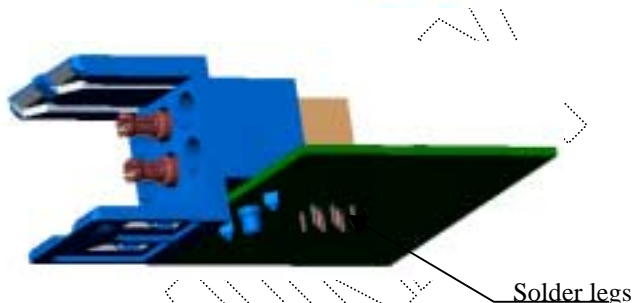
- Place the coax connector on the PCB



- 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

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