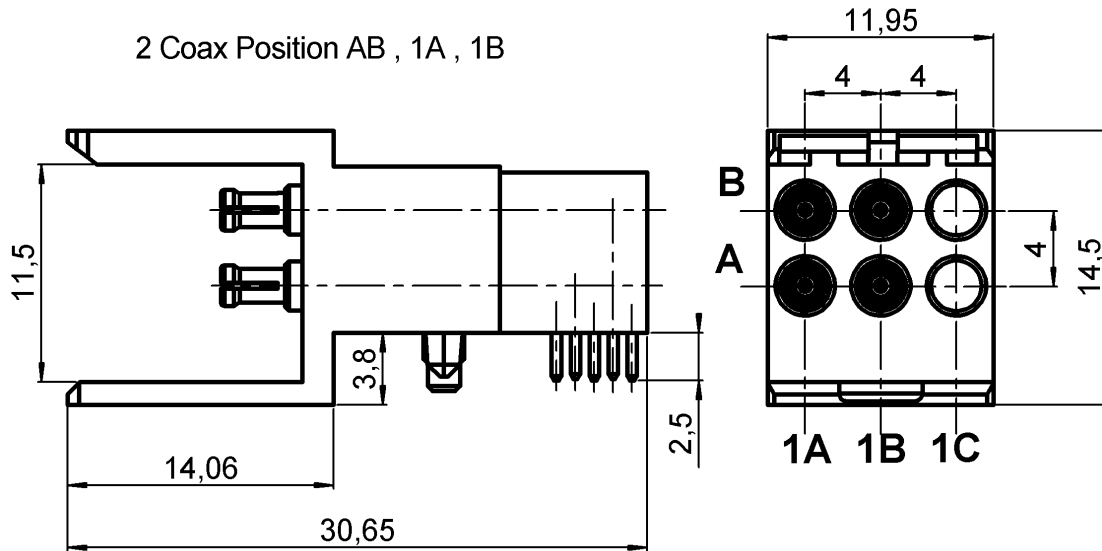


**MALE COAXIPACK 6 WAYS 4 RIGHT ANGLE COA**

**R694.251.114**

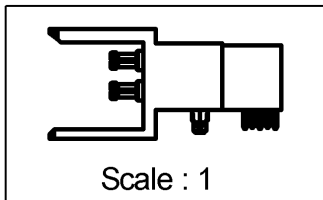
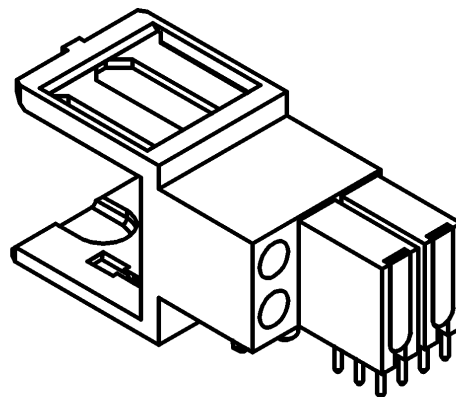
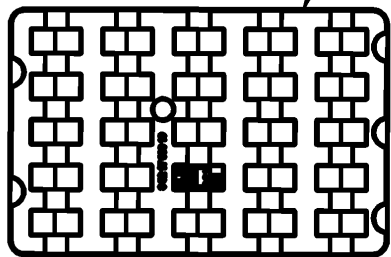
**SOLDER TYPE 2.5**

Series : MCC2

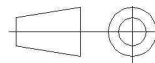


2 Coax Position AB , 1A , 1B

Packaging for the connector



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.



**MALE COAXIPACK 6 WAYS 4 RIGHT ANGLE COA**  
**SOLDER TYPE 2.5**

**R694.251.114**

Series : MCC2

**PACKAGING**

**SPECIFICATION**

| Standard  | Unit              | Other             |
|-----------|-------------------|-------------------|
| <b>25</b> | <b>'W' option</b> | <b>Contact us</b> |

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance **50**  $\Omega$   
 Frequency **0-6** GHz  
 VSWR **1.20\*** + **0,0000** x F(GHz) Maxi  
 Insertion loss **0.2**  $\sqrt{F}$ (GHz) dB Maxi  
 RF leakage - ( - F(GHz)) dB Maxi  
 Voltage rating **500** Veff Maxi  
 Dielectric withstanding voltage **750** Veff mini  
 Insulation resistance **5000** M $\Omega$  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 **81,5600** g

Issue : 0627 B

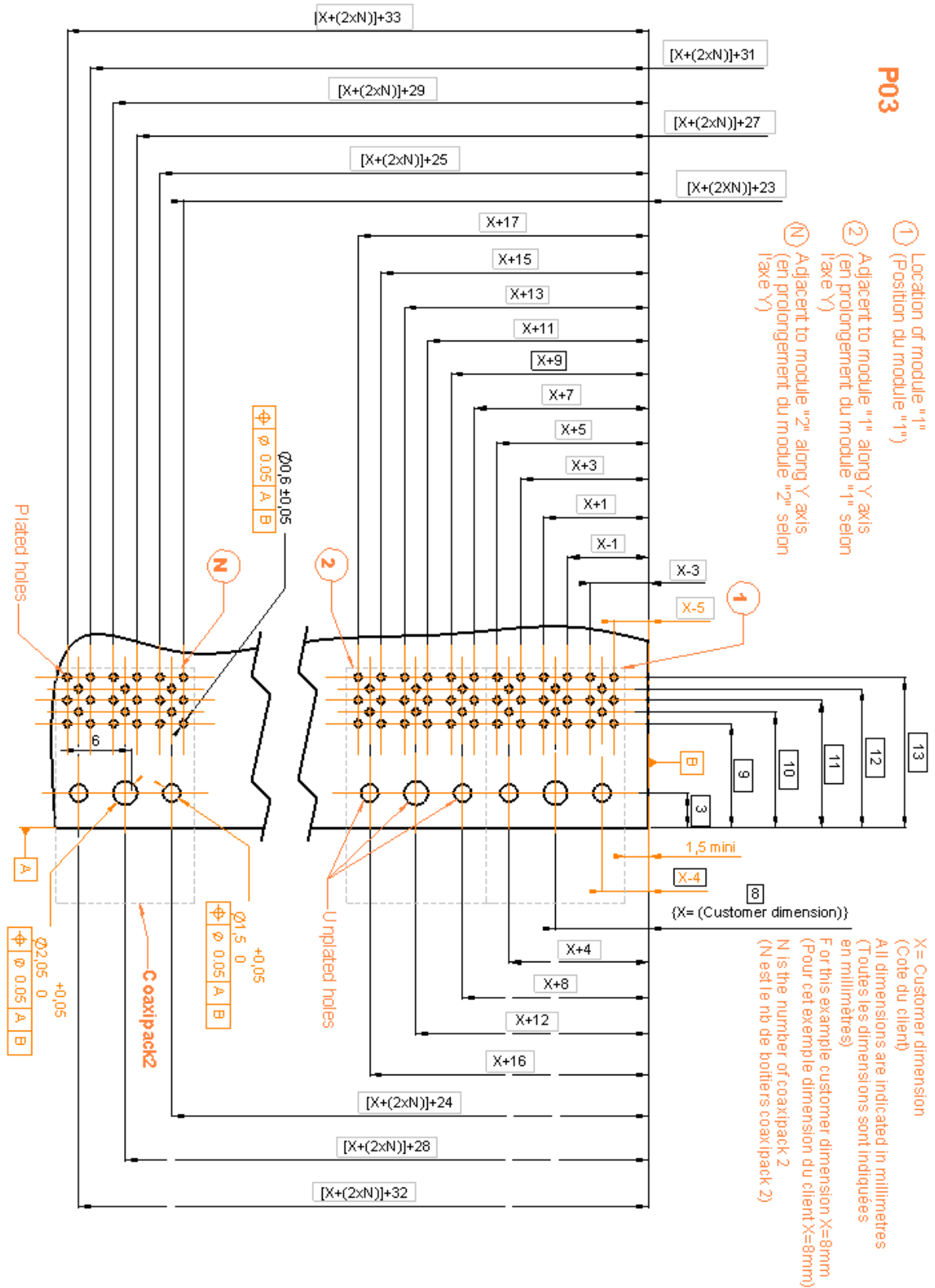
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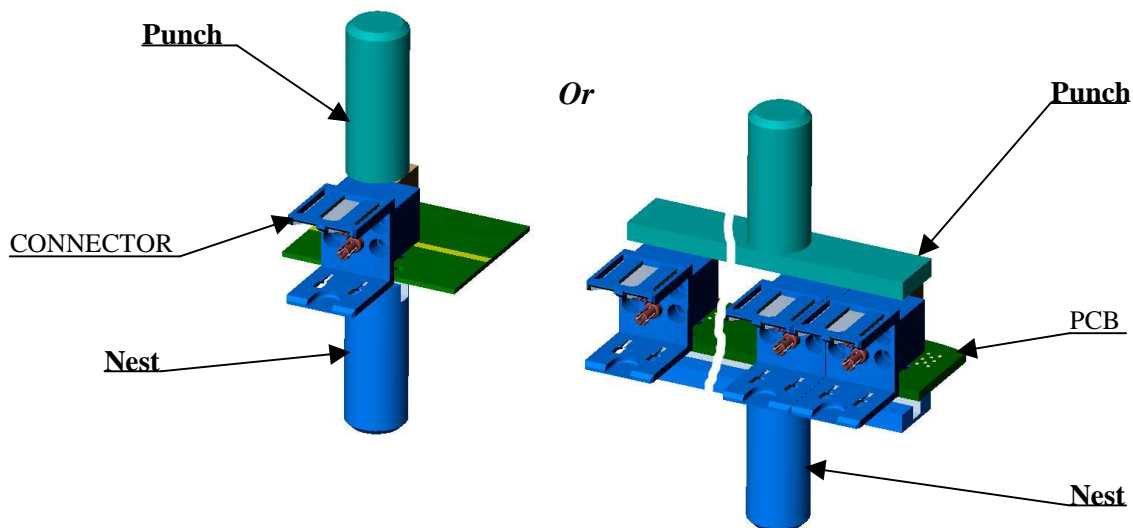
**MALE COAXIPACK 6 WAYS 4 RIGHT ANGLE COA**

**R694.251.114**

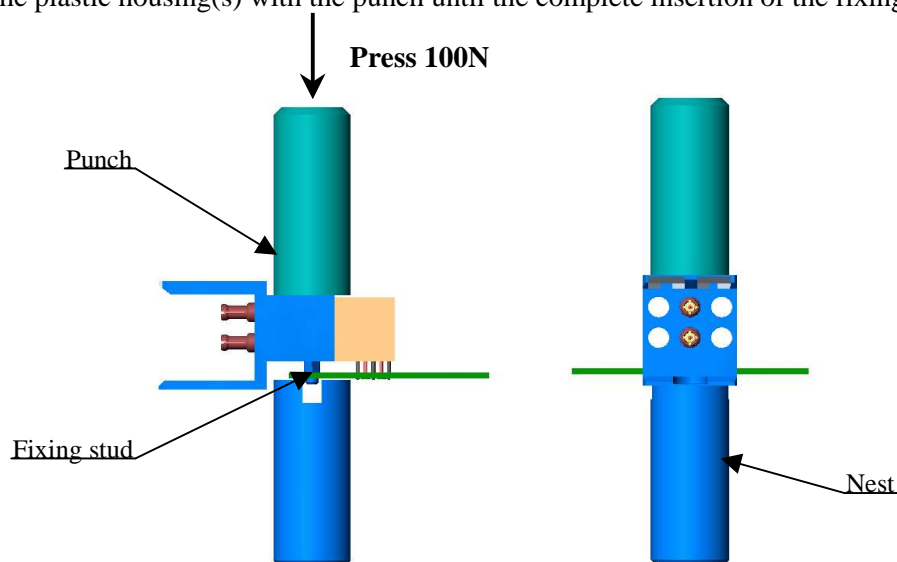
**SOLDER TYPE 2.5**

Series : MCC2

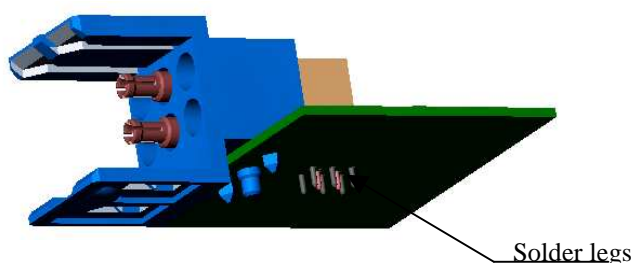
- Place the coax connector on the PCB



- 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 : 0627 B

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