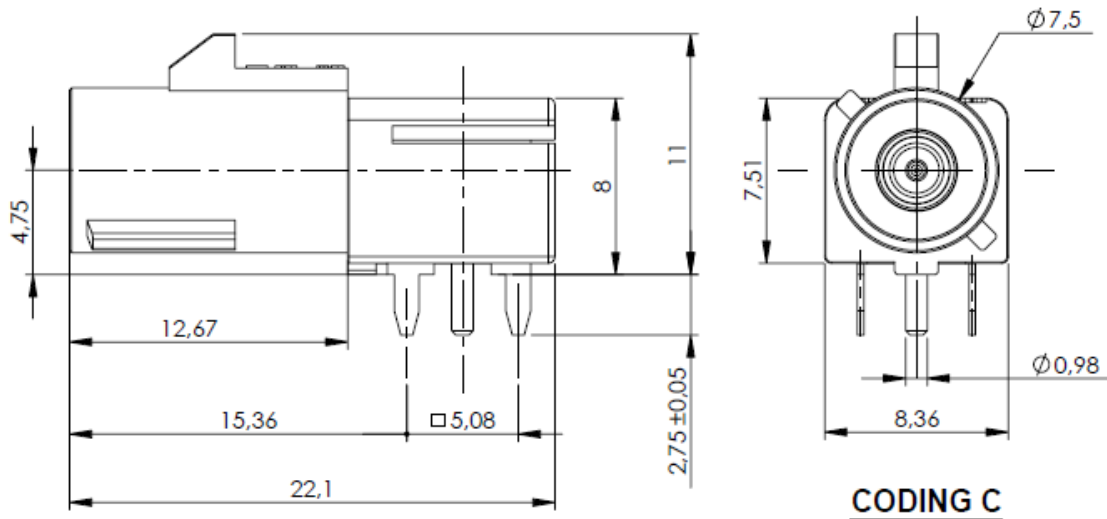


**MALE RIGHT ANGLE RECEPTACLE FOR PCB**

**PICOT A SOUDER - COND. PLAT. PAR 225**

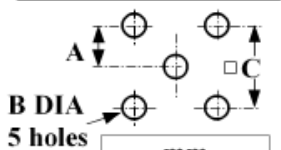
**R197.166.C20**

Series : **SMB**  
**CARLOCK**

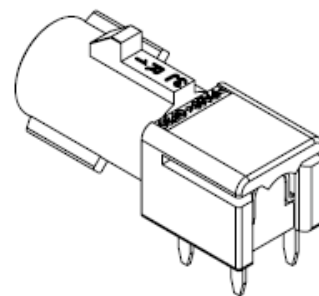
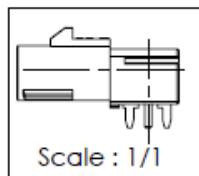


**CODING C**

**PANEL CUT OUT**

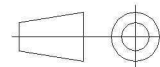


|   | mm   |      |
|---|------|------|
|   | Maxi | mini |
| A | 2.59 | 2.49 |
| B | 1.4  | 1.3  |
| C | 5.16 | 5    |



**THE CONNECTOR MUST BE HOLD IN PLACE DURING THE SOLDERING OPERATION**

All dimensions are in mm.



| COMPONENTS            | MATERIALS                        | PLATINGS (µm)                    |
|-----------------------|----------------------------------|----------------------------------|
| <b>BODY</b>           | <b>BRASS</b>                     | <b>TIN 3 OVER NICKEL 2</b>       |
| <b>CENTER CONTACT</b> | <b>BRASS</b>                     | <b>GOLD 0.5 OVER NICKEL 2</b>    |
| <b>OUTER CONTACT</b>  | -                                | -                                |
| <b>INSULATOR</b>      | <b>POLYPROPYLENE</b>             | -                                |
| <b>GASKET</b>         | -                                | -                                |
| <b>OTHERS PARTS</b>   | <b>PA 6.6 30% GF (Polyamide)</b> | <b>RAL 5005 BLUE (UL 94 V-2)</b> |
| -                     | -                                | -                                |
| -                     | -                                | -                                |



Issue : 1608 B

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

**MALE RIGHT ANGLE RECEPTACLE FOR PCB**

**R197.166.C20**

**PICOT A SOUDER - COND. PLAT. PAR 225**

Series : **SMB**  
**CARLOCK**

**PACKAGING**

**SPECIFICATION**

| Standard   | Unit | Other             |
|------------|------|-------------------|
| <b>225</b> | -    | <b>Contact us</b> |

**QS9000**

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance **50** Ω  
 Frequency **0-3** GHz  
 VSWR **1.35\*** + **0,0000** x F(GHz) Maxi  
 Insertion loss **NA** √F(GHz) dB Maxi  
 RF leakage - (**NA** - F(GHz)) dB Maxi  
 Voltage rating **335** Veff Maxi  
 Dielectric withstanding voltage **1000** Veff mini  
 Insulation resistance **1000** MΩ mini

Operating temperature **-40/+90** ° C  
 Hermetic seal **NA** Atm.cm3/s  
 Panel leakage **NA**

**OTHERS CHARACTERISTICS**

Assembly instruction **NA**

Others :  
 \*Coaxial Transmission Line Only

**MECHANICAL CHARACTERISTICS**

Center contact retention  
 Axial force – Mating end **10** N mini  
 Axial force – Opposite end **10** N mini  
 Torque **NA** N.cm mini

Recommended torque  
 Mating **NA** N.cm  
 Panel nut **NA** N.cm

Mating life **100** Cycles mini  
 Weight **16,3700** g

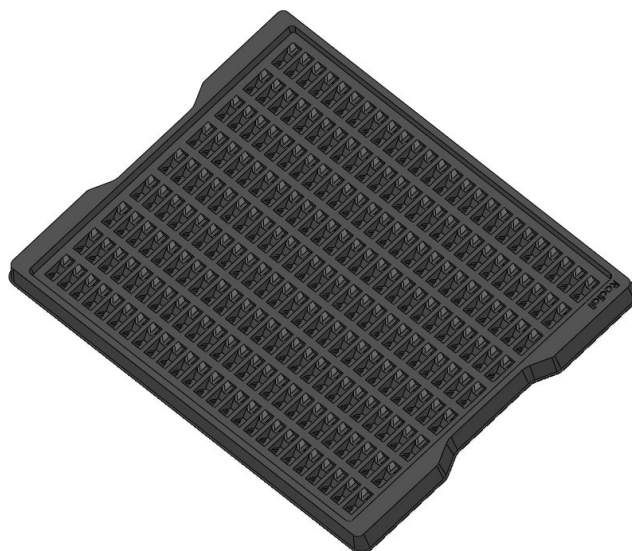


Issue : 1608 B

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

**MALE RIGHT ANGLE RECEPTACLE FOR PCB****PICOT A SOUDER - COND. PLAT. PAR 225****R197.166.C20**Series : **SMB**  
**CARLOCK**

## PACKAGING



### ⇒ TRAY:

*Hot formed tray*

External dimensions : **390 x 300 x 17 mm**

Material : **Electrostatic black Polyester (PS)**

Number of connectors per tray: **225**

### ⇒ CARTON BOX:

RADIALL standard carton box : **20L**

Inside dimensions : **390 x 300 x 200 mm**

Number of trays per carton box : **15 (14 + 1 empty on the top for the protection)**

Number of connectors per carton box : **3150**

Minimum Order Quantity of connectors  
needs to be multiple by : **3150**

**RAYDIALL**  
**AUTOMOTIVE**

Issue : 1608 B

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