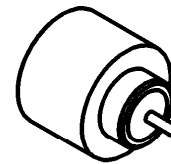
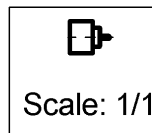
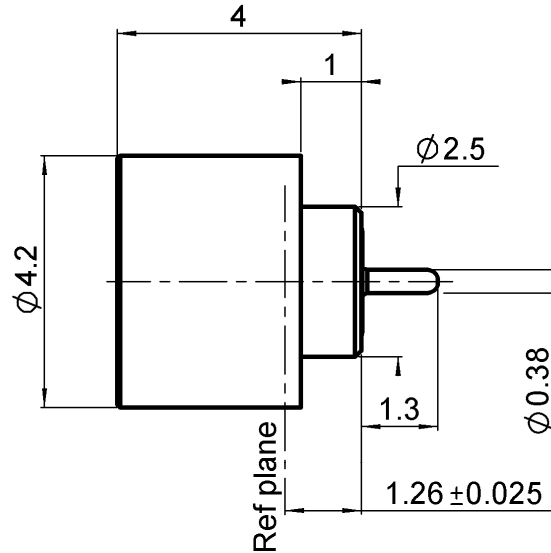


**HERMETIC STRAIGHT MALE RECEPTACLE**

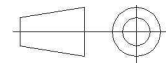
**SOLDER TYPE - SMOOTH BORE**

**R222.645.730**

Series : SMP



All dimensions are in mm.



| COMPONENTS     | MATERIALS | PLATINGS (μm)          |
|----------------|-----------|------------------------|
| BODY           | DILVER P1 | GOLD 0.5 OVER NICKEL 2 |
| CENTER CONTACT | DILVER P1 | GOLD 0.5 OVER NICKEL 2 |
| OUTER CONTACT  | -         | -                      |
| INSULATOR      | GLASS     | -                      |
| GASKET         | -         | -                      |
| OTHERS PARTS   | -         | -                      |
| -              | -         | -                      |
| -              | -         | -                      |

Issue : 0950 B

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



**HERMETIC STRAIGHT MALE RECEPTACLE****R222.645.730****SOLDER TYPE - SMOOTH BORE**

Series : SMP

**PACKAGING**

| Standard   | Unit              | Other             |
|------------|-------------------|-------------------|
| <b>100</b> | <b>'W' option</b> | <b>Contact us</b> |

**SPECIFICATION****ELECTRICAL CHARACTERISTICS**

|                                 |                      |                                |
|---------------------------------|----------------------|--------------------------------|
| Impedance                       | <b>50</b>            | $\Omega$                       |
| Frequency                       | <b>0-18</b>          | GHz                            |
| VSWR                            | <b>1.15 + 0,0000</b> | x F(GHz) Maxi                  |
| Insertion loss                  | <b>0.12</b>          | $\sqrt{F}(\text{GHz})$ dB Maxi |
| RF leakage                      | - (                  | - F(GHz)) dB Maxi              |
| Voltage rating                  | <b>335</b>           | Veff Maxi                      |
| Dielectric withstanding voltage | <b>500</b>           | Veff mini                      |
| Insulation resistance           | <b>5000</b>          | M $\Omega$ mini                |

**ENVIRONMENTAL**

|                       |                 |                        |
|-----------------------|-----------------|------------------------|
| Operating temperature | <b>-65/+165</b> | $^{\circ}\text{C}$     |
| Hermetic seal         | <b>10-8</b>     | Atm.cm <sup>3</sup> /s |
| Panel leakage         |                 |                        |

**OTHERS CHARACTERISTICS**

Assembly instruction

Others :

**MECHANICAL CHARACTERISTICS**

|                            |               |             |
|----------------------------|---------------|-------------|
| Center contact retention   |               |             |
| Axial force – Mating end   | <b>6.8</b>    | N mini      |
| Axial force – Opposite end | <b>6.8</b>    | N mini      |
| Torque                     |               | N.cm mini   |
| Recommended torque         |               |             |
| Mating                     |               | N.cm        |
| Panel nut                  |               | N.cm        |
| Mating life                | <b>1000</b>   | Cycles mini |
| Weight                     | <b>0,1500</b> | g           |

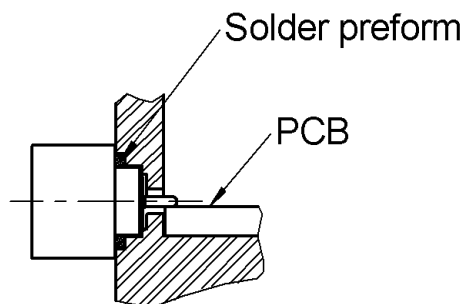
Issue : 0950 B

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

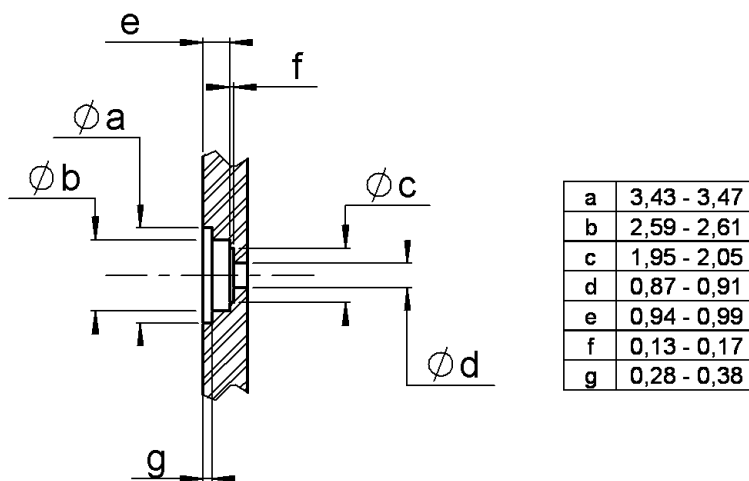


**HERMETIC STRAIGHT MALE RECEPTACLE****R222.645.730****SOLDER TYPE - SMOOTH BORE**

Series : SMP



1. Degrease and clean connector and box
2. Solder the connector on the panel  
we advise SnAg4 Cu0.5, we recommend a low residue flux.  
Preheating at 100 °C. Take care not to exceed 260°C during solder operation
3. Solder the pin on the track  
we advise SnAg4 Cu0.5, we recommend a low residue flux.  
Preheating at 100 °C (only for ceramic substrate). Take care not to exceed 260°C during solder operation

**Panel mounting hole****Issue : 0950 B**

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

