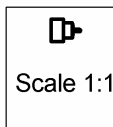
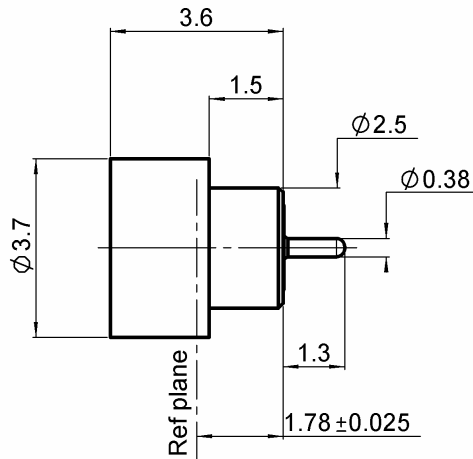
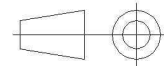


**HERMETIC STRAIGHT MALE RECEPTACLE**
**SOLDER TYPE - LIMITED DETENT**
**R222.645.300**

Series : SMP



All dimensions are in mm.



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

**Issue : 0951 B**

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



**HERMETIC STRAIGHT MALE RECEPTACLE****R222.645.300****SOLDER TYPE - LIMITED DETENT**

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         | <b>NA</b>       |                        |

**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                     | <b>NA</b>     | N.cm mini   |
| Recommended torque         |               |             |
| Mating                     | <b>NA</b>     | N.cm        |
| Panel nut                  | <b>NA</b>     | N.cm        |
| Mating life                | <b>500</b>    | Cycles mini |
| Weight                     | <b>0,0990</b> | g           |

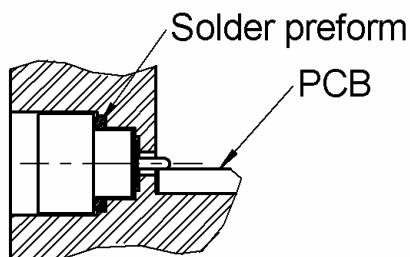
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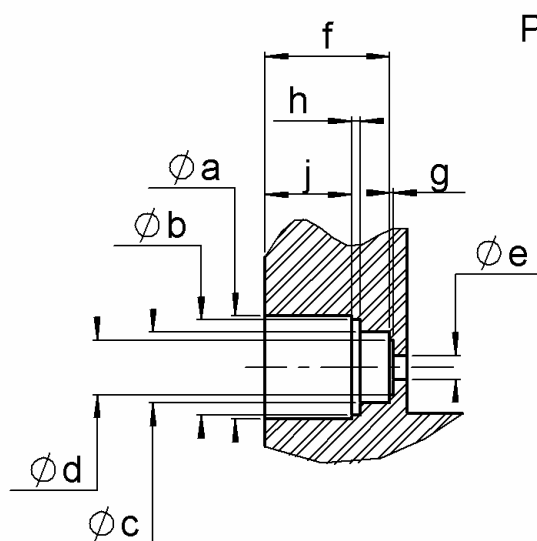


**HERMETIC STRAIGHT MALE RECEPTACLE****SOLDER TYPE - LIMITED DETENT****R222.645.300**

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

|   |             |
|---|-------------|
| a | 3,76 - 3,78 |
| b | 3,43 - 3,55 |
| c | 2,59 - 2,61 |
| d | 1,95 - 2,05 |
| e | 0,87 - 0,91 |
| f | 4,55 - 4,59 |
| g | 0,13 - 0,17 |
| h | 0,28 - 0,38 |
| j | 3,15 - 3,19 |

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