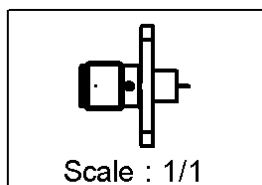
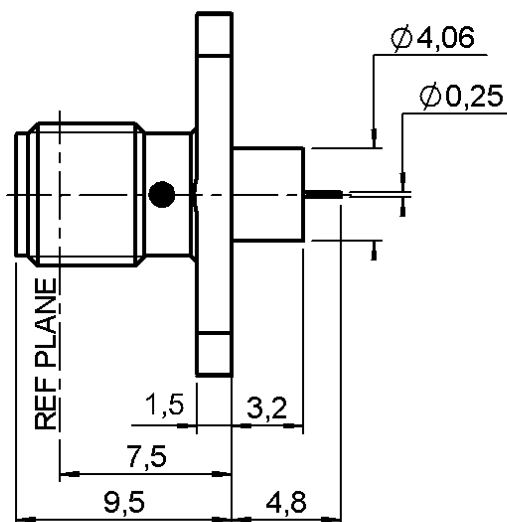
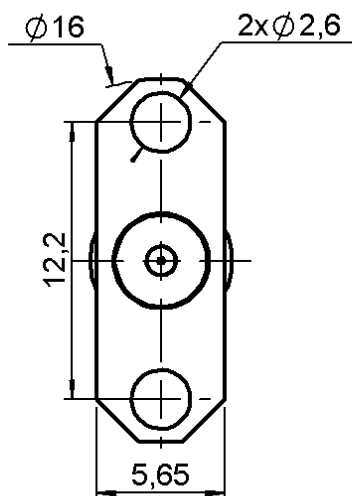


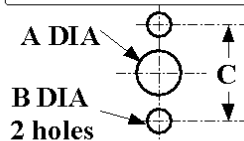
# 2 HOLES FLANGE JACK RECEPTACLE WITH SHOULDER CONTACT

**R125.617.001**

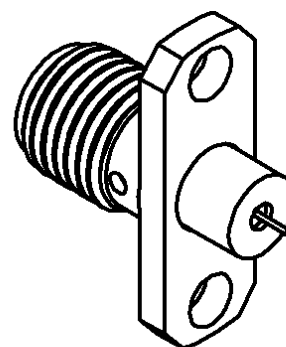
Series : SMA



## PANEL CUT OUT



|   | mm    |       |
|---|-------|-------|
|   | Maxi  | mini  |
| A | 4.2   | 4.1   |
| B | 2.7   | 2.6   |
| C | 12.25 | 12.15 |



All dimensions are in mm.

| COMPONENTS     | MATERIALS        | PLATINGS (µm)          |
|----------------|------------------|------------------------|
| BODY           | STAINLESS STEEL  | PASSIVATED .           |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT  | -                | -                      |
| INSULATOR      | PTFE             | -                      |
| GASKET         | -                | -                      |
| OTHERS PARTS   | -                | -                      |
| -              | -                | -                      |
| -              | -                | -                      |

Issue : 0223 B

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



**2 HOLES FLANGE JACK RECEPTACLE****R125.617.001****WITH SHOULDER CONTACT**

Series : SMA

**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>1.06</b> + | <b>0.002</b> | x F(GHz) Maxi            |
| Insertion loss                  |               | <b>0.07*</b> | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - (           | <b>60</b>    | - F(GHz)) dB Maxi        |
| Voltage rating                  |               | <b>500</b>   | Veff Maxi                |
| Dielectric withstanding voltage |               | <b>1000</b>  | Veff mini                |
| Insulation resistance           |               | <b>5000</b>  | M $\Omega$ mini          |

**ENVIRONMENTAL**

|                       |                 |              |
|-----------------------|-----------------|--------------|
| Operating temperature | <b>-65/+165</b> | $^{\circ}$ C |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s    |
| Panel leakage         | <b>NA</b>       |              |

**OTHERS CHARACTERISTICS**Assembly instruction **NA**

Others :

\* Coaxial Transmission Line Only

**MECHANICAL CHARACTERISTICS**

|                            |              |             |
|----------------------------|--------------|-------------|
| Center contact retention   |              |             |
| Axial force – Mating end   | <b>27</b>    | N mini      |
| Axial force – Opposite end | <b>27</b>    | N mini      |
| Torque                     | <b>2.8</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>1.889</b> | g           |

Issue : 0223 B

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