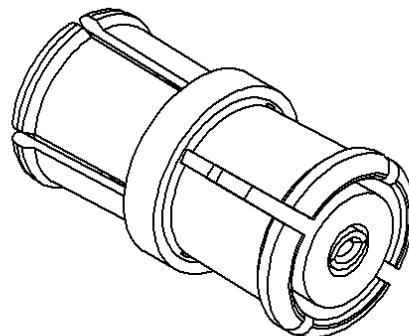
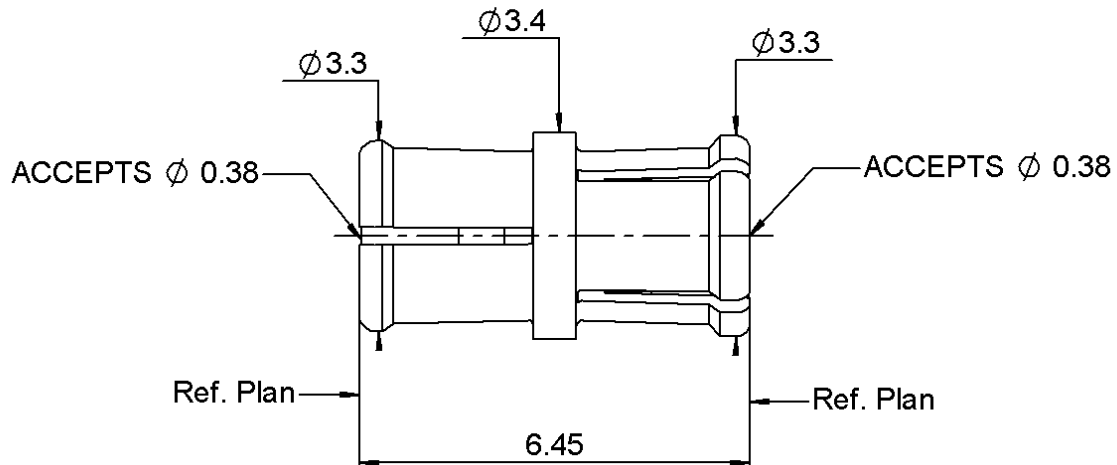


**FEMALE-FEMALE ADAPTER**

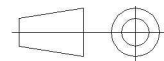
**R222.705.000**

Series : **SMP**



  
SCALE 1/1

All dimensions are in mm.



| COMPONENTS     | MATERIALS        | PLATINGS ( $\mu\text{m}$ ) |
|----------------|------------------|----------------------------|
| BODY           | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2     |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.27 OVER NICKEL 1.27 |
| OUTER CONTACT  | -                | -                          |
| INSULATOR      | PTFE             | -                          |
| GASKET         | -                | -                          |
| OTHERS PARTS   | -                | -                          |
| -              | -                | -                          |
| -              | -                | -                          |

**Issue : 0529 B**

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



**FEMALE-FEMALE ADAPTER****R222.705.000**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>0-40</b>  | GHz                      |
| VSWR                            | <b>1.5</b> + | <b>0.000</b> | x F(GHz) Maxi            |
| Insertion loss                  |              | <b>0.12</b>  | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - (          | <b>NA</b>    | - 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> | $^{\circ}$ C |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s    |
| Panel leakage         | <b>NA</b>       |              |

**OTHERS CHARACTERISTICS**

Assembly instruction

Others :  
Compliant with MIL-STD-348

**MECHANICAL CHARACTERISTICS**

|                            |              |             |
|----------------------------|--------------|-------------|
| Center contact retention   |              |             |
| Axial force – Mating end   | <b>6.7</b>   | N mini      |
| Axial force – Opposite end | <b>6.7</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>100</b>   | Cycles mini |
| Weight                     | <b>0.170</b> | g           |

Issue : 0529 B

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**RADIALL**®

**R222.705.000**

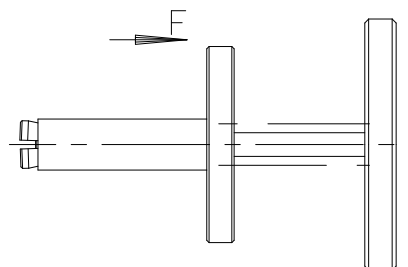
Series : **SMP**

## 1 - INFORMATIONS

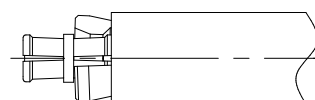
|           |              |   |              |   |              |
|-----------|--------------|---|--------------|---|--------------|
| Force to: | engage       | - | disengage    | - | connector    |
| Full det: | 66.75 N maxi | - | 22.25 N mini | - | FULL DETENT  |
| Limited:  | 44.5 N maxi  | - | 8.9 N mini   | - | LIMITED DET. |
| Smooth b: | 8.9 N maxi   | - | 2.225 N mini | - | SMOOTH BORE  |

## 2 - MOUNTING AND REPLACEMENT

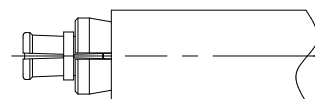
2-1 - Push in F direction to open the tool .



2-2 - Place the adaptor into the tool ,  
until it bottoms against .



2-3 - Push on the adaptor , and release the smallest tool diameter.  
(the force to fixe the adaptor is applied by a spring) .



- 2-4 - Push on the biggest tool diameter to place the adaptor .
- To remove the adaptor , pull off on the biggest tool diameter .