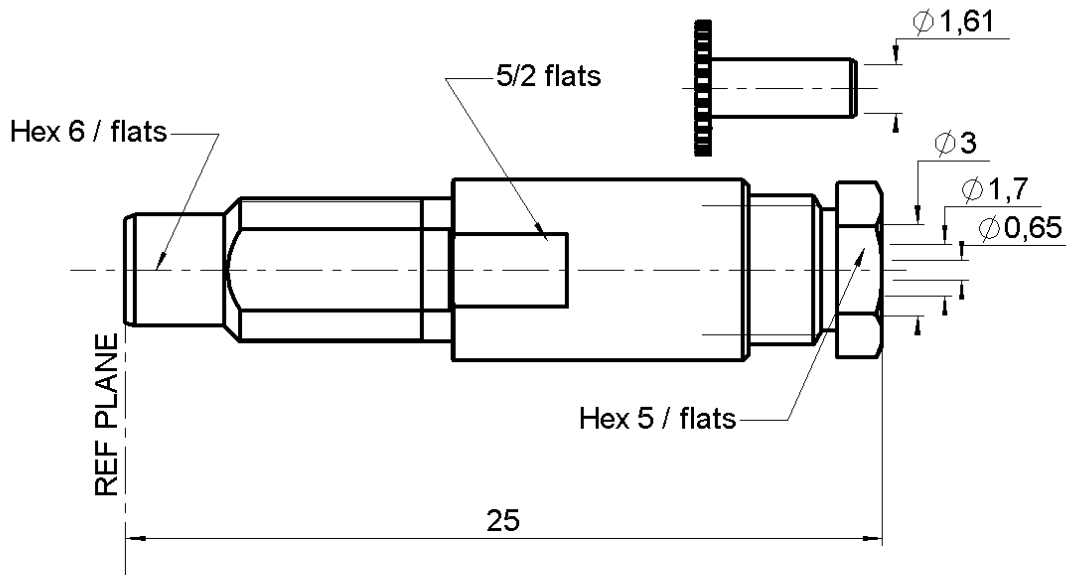


## STRAIGHT BULKHEAD JACK CLAMP TYPE

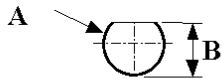
REAR MOUNT - CABLE 2.6/50+75 S

**R112.305.000**

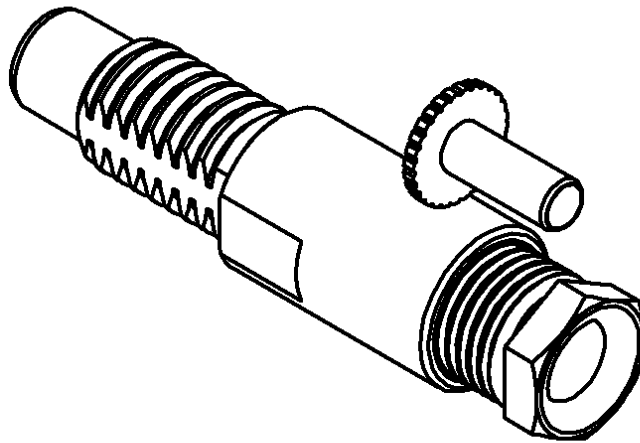
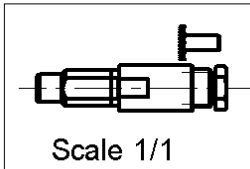
Series : SMC



## PANEL CUT OUT



| mm |      |      |
|----|------|------|
|    | Maxi | mini |
| A  | 5    | 4.9  |
| B  | 4.58 | 4.46 |



All dimensions are in mm.



| COMPONENTS     | MATERIALS   | PLATINGS (µm)          |
|----------------|-------------|------------------------|
| BODY           | BRASS       | GOLD 0.2 OVER NICKEL 2 |
| CENTER CONTACT | BRASS       | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT  | -           | -                      |
| INSULATOR      | PTFE        | -                      |
| GASKET         | CHLOROPRENE | -                      |
| OTHERS PARTS   | BRASS       | GOLD 0.2 OVER NICKEL 2 |
| -              | -           | -                      |
| -              | -           | -                      |

Issue : 0341 E

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



**STRAIGHT BULKHEAD JACK CLAMP TYPE****R112.305.000****REAR MOUNT - CABLE 2.6/50+75 S**

Series : SMC

**PACKAGING**

| Standard | Unit | Other             |
|----------|------|-------------------|
| <b>1</b> | -    | <b>Contact us</b> |

**SPECIFICATION****ELECTRICAL CHARACTERISTICS**

|                                 |               |                                       |
|---------------------------------|---------------|---------------------------------------|
| Impedance                       |               | <b>50</b> $\Omega$                    |
| Frequency                       |               | <b>0-10</b> GHz                       |
| VSWR                            | <b>1.20</b> + | <b>0.040</b> x F(GHz) Maxi            |
| Insertion loss                  |               | <b>0.125</b> $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - (           | <b>62</b> - F(GHz)) dB mini           |
| Voltage rating                  |               | <b>335</b> Veff Maxi                  |
| Dielectric withstanding voltage |               | <b>1000</b> Veff mini                 |
| Insulation resistance           |               | <b>1000</b> M $\Omega$ mini           |

**CABLE ASSEMBLY**

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 2.50 | 1.20 | 4.50 | 4.50 | 0.00 | 0.00 |

Assembly instruction :

Recommended cable(s)

RG 187  
RG 188  
RG 316  
RG 179  
KX 22A

**MECHANICAL CHARACTERISTICS**

|                            |           |           |
|----------------------------|-----------|-----------|
| Center contact retention   |           |           |
| Axial force – Mating end   | <b>10</b> | N mini    |
| Axial force – Opposite end | <b>10</b> | N mini    |
| Torque                     | <b>NA</b> | N.cm mini |

Cable retention

|            |            |        |
|------------|------------|--------|
| - pull off | <b>110</b> | N mini |
| - torque   | <b>NA</b>  | N.cm   |

**TOOLING**

| Part Number | Description | Hexagon |
|-------------|-------------|---------|
| .           | .           | .       |

Recommended torque

|               |              |      |
|---------------|--------------|------|
| Mating        | <b>NA</b>    | N.cm |
| Panel nut     | <b>60</b>    | N.cm |
| Clamp nut     | <b>70</b>    | N.cm |
| A/F clamp nut | <b>5.000</b> | mm   |

|             |              |             |
|-------------|--------------|-------------|
| Mating life | <b>500</b>   | Cycles mini |
| Weight      | <b>3.000</b> | g           |

**OTHERS CHARACTERISTICS**

-

**ENVIRONMENTAL**

|                       |                 |           |
|-----------------------|-----------------|-----------|
| Operating temperature | <b>-65/+165</b> | ° C       |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s |
| Panel leakage         | <b>NA</b>       |           |

Issue : 0341 E

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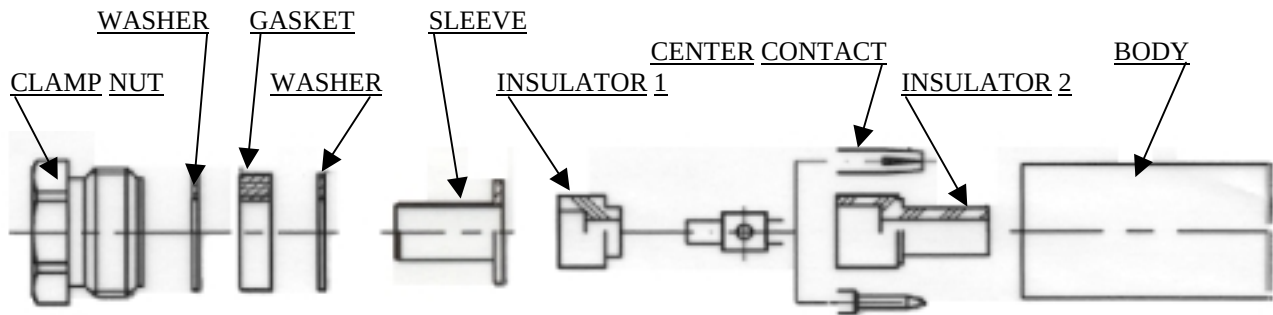
**STRAIGHT BULKHEAD JACK CLAMP TYPE**

**REAR MOUNT - CABLE 2.6/50+75 S**

**R112.305.000**

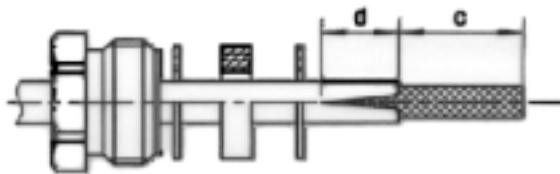
Series : SMC

**COMPONENTS**



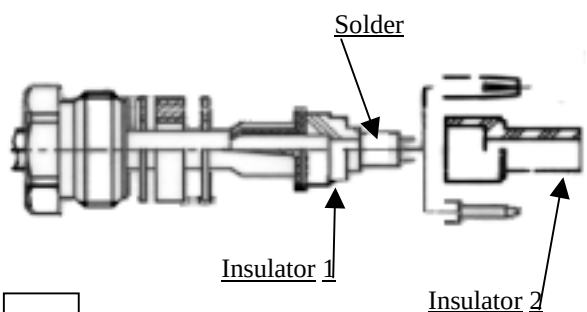
1

- Mount clamp nut, washer, flat gasket, washer.
- Strip the cable, make 2 slits 180° apart in the sheath.



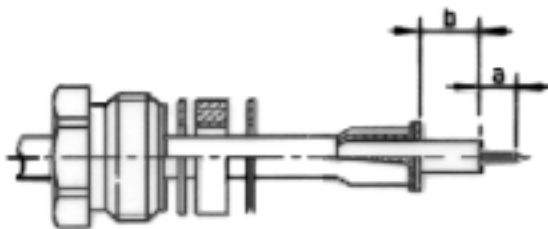
3

- Mount the insulator 1
- Mount the center contact and solder.
- Mount the insulator.2



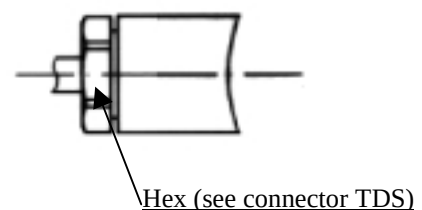
2

- Mount the braid-clamp.
- (for cable 2.6/50 use knurled clamp , for cable 2.6/75 use smooth clamp.
- Cut braid flush Ø of braid clamp.
- Strip off the dielectric.



4

- Screw the cable assembly into the body.
- Recommended coupling (see connector TDS)



**Issue : 0341 E**

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# Mouser Electronics

Authorized Distributor

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