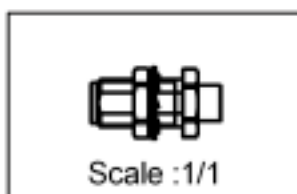
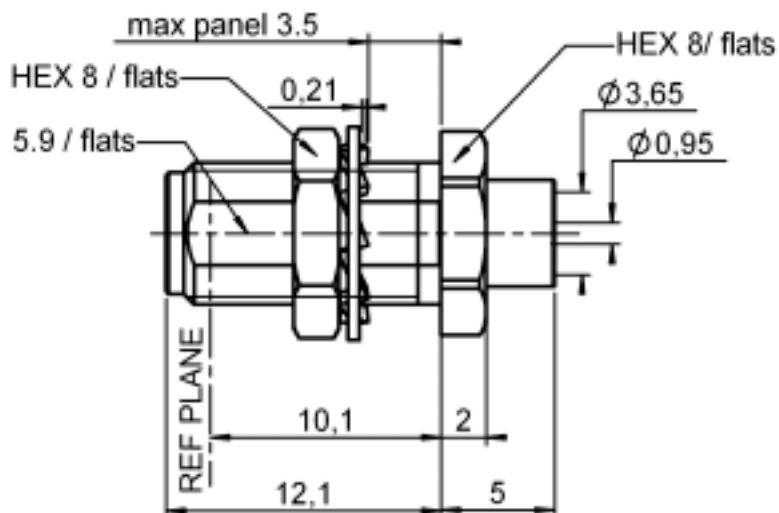


## STRAIGHT BULKHEAD JACK SOLDER TYPE

**R125.305.000**

CABLE .141

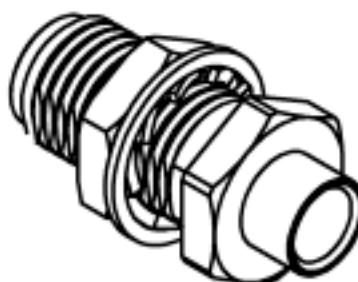
Series : SMA



## PANEL CUT OUT



|   | mm   |      |
|---|------|------|
|   | Maxi | mini |
| A | 6.5  | 6.4  |
| B | 6.15 | 6    |



All dimensions are in mm.



| COMPONENTS     | MATERIALS        | PLATINGS (µm)          |
|----------------|------------------|------------------------|
| BODY           | STAINLESS STEEL  | GOLD 0.5 OVER NICKEL 2 |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT  | -                | -                      |
| INSULATOR      | PTFE             | -                      |
| GASKET         | -                | -                      |
| OTHERS PARTS   | BRASS            | GOLD 0.2 OVER NICKEL 2 |
| -              | -                | -                      |
| -              | -                | -                      |

Issue : 0328 A

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



## STRAIGHT BULKHEAD JACK SOLDER TYPE

**R125.305.000****CABLE .141**

Series : SMA

**PACKAGING**

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

**ELECTRICAL CHARACTERISTICS**

|                                 |               |              |                          |
|---------------------------------|---------------|--------------|--------------------------|
| Impedance                       |               | <b>50</b>    | $\Omega$                 |
| Frequency                       |               | <b>0-18</b>  | GHz                      |
| VSWR                            | <b>1.05 +</b> | <b>0.008</b> | x F(GHz) Maxi            |
| Insertion loss                  |               | <b>0.03</b>  | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - (           | <b>90</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          |

**MECHANICAL CHARACTERISTICS**

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

|                    |              |      |
|--------------------|--------------|------|
| Recommended torque |              |      |
| Mating             | <b>NA</b>    | N.cm |
| Panel nut          | <b>150</b>   | N.cm |
| Clamp nut          | <b>NA</b>    | N.cm |
| A/F clamp nut      | <b>0.000</b> | mm   |

|             |              |             |
|-------------|--------------|-------------|
| Mating life | <b>500</b>   | Cycles mini |
| Weight      | <b>0.000</b> | g           |

**ENVIRONMENTAL**

|                       |                 |           |
|-----------------------|-----------------|-----------|
| Operating temperature | <b>-65/+105</b> | ° C       |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s |
| Panel leakage         | <b>NA</b>       |           |

**SPECIFICATION****CABLE ASSEMBLY**

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 3.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Assembly instruction : **Solder 01**

Recommended cable(s)  
KS 2  
RG 402

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

|            |            |        |
|------------|------------|--------|
| - pull off | <b>500</b> | N mini |
| - torque   | <b>NA</b>  | N.cm   |

**TOOLING**

| Part Number  | Description                           | Hexagon |
|--------------|---------------------------------------|---------|
| .            | .                                     | .       |
| R282.053.000 | STRIPPING TOOL                        |         |
| R282.067.000 | POINTER GAUGE                         |         |
| R282.740.000 | SOLDERING MOUNTING                    |         |
| R282.744.220 | SOLDERING POSITIONER (CENTER CONTACT) |         |
| R282.744.011 | SOLDERING POSITIONER (BODY)           |         |
| R282.862.060 | CONTROL GAUGE                         |         |
| R282.914.010 | DIELECTRIC RECESS GAUGE               |         |
| R282.915.010 | DIELECTRIC RECESS TOOL                |         |
| R282.730.043 | INSULATOR MOUNTING TOOL               |         |

**OTHERS CHARACTERISTICS**

Issue : 0328 A

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