(*) Recommended axial float mount for best electrical performance: 0.51 +/- 0.25 mm (.020" +/- .010)
**TECHNICAL DATA SHEET**

PRISE DROITE A PLATINE FLOTANTE A

SOLDER TYPE FOR CABLE .085

**R128.292.727**

Series: BMA-COM

---

### PACKAGING

<table>
<thead>
<tr>
<th>Standard</th>
<th>Unit</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>‘W’ option</td>
<td>Contact us</td>
</tr>
</tbody>
</table>

---

### ELECTRICAL CHARACTERISTICS

- **Impedance**: 50 Ω
- **Frequency**: 0-22 GHz
- **VSWR**: 1.05 + 0.0100 x F(GHz) Maxi
- **Insertion loss**: 0.03 √F(GHz) dB Maxi
- **RF leakage**: - (90 - F(GHz)) dB Maxi
- **Voltage rating**: 350 V eff Maxi
- **Dielectric withstanding voltage**: 1000 V eff mini
- **Insulation resistance**: 5000 MΩ mini

---

### MECHANICAL CHARACTERISTICS

- **Center contact retention**
  - Axial force – Mating end: 18 N mini
  - Axial force – Opposite end: 18 N mini
  - Torque: NA N.cm mini

- **Recommended torque**
  - Mating: NA N.cm
  - Panel nut: NA N.cm
  - Clamp nut: NA N.cm
  - A/F clamp nut: 0,0000 mm

- **Mating life**: 1000 Cycles mini
- **Weight**: 5,0000 g

---

### ENVIRONMENTAL

- **Operating temperature**: -40/+105 °C
- **Hermetic seal**: NA Atm.cm3/s
- **Panel leakage**: *IP54

---

### SPECIFICATION

---

### CABLE ASSEMBLY

<table>
<thead>
<tr>
<th>Stripping</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
<th>f</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>1.78</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Assembly instruction:**

- Recommended cable(s)
  - KS 1
  - RG 405

**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: 136 N mini
- Torque: NA N.cm

---

### TOOLING

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Hexagon</th>
</tr>
</thead>
<tbody>
<tr>
<td>R282.740.000</td>
<td>SOLDERING MOUNTING</td>
<td></td>
</tr>
<tr>
<td>R282.051.000</td>
<td>STRIPPING TOOL</td>
<td></td>
</tr>
<tr>
<td>R282.062.000</td>
<td>POINTER GAUGE</td>
<td></td>
</tr>
<tr>
<td>R282.860.130</td>
<td>SOLDER POSITIONER BMA</td>
<td></td>
</tr>
</tbody>
</table>

---

### OTHER CHARACTERISTICS

* Mated with waterproof male connector

**It is recommended to use a service loop to facilitate the float features of the connector**

---

**Issue: 1026 B**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.
We recommend a cable thermal preconditioning before assembly

1
- Strip the cable with the cable stripping tool.
- Trim the cable inner conductor with the trimmer.
- Clean the cable

2
- Introduce the cable into the body until contact with the body shoulder.
- Place the sub-assembly on assembly jig with the positioner and tighten it.
- Solder body on the cable.
- Let assembly cool down before removing it from the jig.
- Cleaning the solder area.

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