Floating Coaxial Connector

PML Series

OUTLINE

PML series is a connector which has a floating mechanism to offset the mating gap between plug and jack connector. The interface is DDK’s original and almost same size as SMA connector. PML series absorb the gap come from mounting more than two connectors on the same PCB.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Item</th>
<th>PML-SR2-2</th>
<th>PML-P2-85-SO-CF</th>
<th>PML-P2-141-SO-CF</th>
<th>PML-P2-85-SO-CF</th>
<th>PML-P2-1.5DH-VR-CR1-CF</th>
<th>PML-P2-141-SO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact</td>
<td>Beryllium Copper / Au Plating</td>
<td>Brass / Au Plating</td>
<td>Brass / Au Plating</td>
<td>Beryllium Copper / Au Plating</td>
<td>Beryllium Copper / Au Plating</td>
<td>Brass / Au Plating</td>
</tr>
<tr>
<td>Body</td>
<td>Brass / Au Plating</td>
<td>Brass / Ni Plating</td>
<td>Brass / Ni Plating</td>
<td>Brass / Ni Plating</td>
<td>Brass / Au Plating</td>
<td>Brass / Ni Plating</td>
</tr>
<tr>
<td>Insulator</td>
<td>PTFE</td>
<td>PTFE</td>
<td>PTFE</td>
<td>PTFE</td>
<td>PTFE</td>
<td>PTFE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mating Connector</th>
<th>Maximum Distance between Panels</th>
<th>Minimum Distance between Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td>PML-SR2-2</td>
<td>D: 22.2</td>
<td>E: 20.6</td>
</tr>
<tr>
<td>PML-P2-85-SO</td>
<td>D: 22.2</td>
<td>E: 20.6</td>
</tr>
<tr>
<td>PML-P2-1.5DH-VR-CR1</td>
<td>D: 22.2</td>
<td>E: 20.6</td>
</tr>
</tbody>
</table>

*The specifications are typical but may not apply to all connectors. Please check the specifications on each item with its drawing when you use.*

---

**Parameter:**

- **Characteristic Impedance:** 50 Ω
- **Dielectric Withstanding Voltage:** 1000V AC(r.m.s) / 1 minute
- **Insulation Resistance:** 1000M Ω (min.) at 500V DC
- **Contact Resistance:** 10m Ω (max.)
- **Frequency Range:** DC ~ 3GHz
- **VSWR:** 1.2(max.)
- **Offset Allowable Range:** X, Y±0.5mm Z±0.8mm

---

Please acknowledge that the specification etc. of this catalog might change by the improvement etc. without notice. Moreover, the characteristic and the specification of the published product are the reference values. Please confirm the content with the latest delivery specifications when you use the product.

090703

http://www.ddknets.co.jp
PML-PP2-85-SO-CF
Mating Connector: PML Jack Type
Applicable Cable: UT-085
: FCCAVG1 (Nissei) or Equivalent

PML-PP2-141-SO-CF
Mating Connector: PML Jack Type
Applicable Cable: UT-141
: FCCAVGPO (Nissei) or Equivalent

Panel Mounting Right Angle Plug
PML-LPP2-141-SO
Mating Connector: PML Jack Type
Applicable Cable: UT-141
: FCCAVGPO (Nissei) or Equivalent

Please acknowledge that the specification etc. of this catalog might change by the improvement etc. without notice.
Moreover, the characteristic and the specification of the published product are the reference values.
Please confirm the content with the latest delivery specifications when you use the product.
http://www.ddknet.co.jp
PML-JP2-1.5DHW-CR1-CF

Mating Connector: PML Plug Type
Applicable Cable: 1.5D-HQEW or Equivalent

PML-JP2-85-SO-CF

Mating Connector: PML Plug Type
Applicable Cable: UT-085
: FCCAVG1 (Nissei) or Equivalent

Receptacle Connector

PML-SR2-2

Mating Connector: PML Plug Type

Please acknowledge that the specification etc. of this catalog might change by the improvement etc. without notice. Moreover, the characteristic and the specification of the published product are the reference values. Please confirm the content with the latest delivery specifications when you use the product.

http://www.ddknet.co.jp