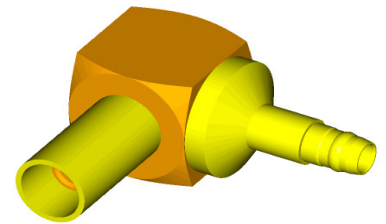


# Product data sheet

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|                                            |                                                    |                                                 |
|--------------------------------------------|----------------------------------------------------|-------------------------------------------------|
| <b>Part Number: 3727.91.1120.02'</b>       |                                                    | Revision: <b>preliminary</b>                    |
| <b>Description: Cable mount angle plug</b> |                                                    | Date: <b>31.05.2006</b>                         |
|                                            |                                                    | Signature: <b>TZ</b>                            |
|                                            |                                                    | Page: 1 of 2                                    |
| <b>Design according to:</b>                | -                                                  | <b>Counter part:</b><br><b>3724.99.0030.00'</b> |
| <b>Electrical characteristics</b>          | colored value means: still under test target value |                                                 |
|                                            | Value                                              | Unit                                            |
| Impedance                                  | <b>50</b>                                          | [Ω]                                             |
| Operating frequency up to                  | <b>3</b>                                           | [GHz]                                           |
| Return loss (K-2082-01)                    |                                                    |                                                 |
| 1 GHz                                      | <b>25</b>                                          | [dB]                                            |
| 2 GHz                                      | <b>16</b>                                          | [dB]                                            |
| 3 GHz                                      | <b>14</b>                                          | [dB]                                            |
| 4 GHz                                      | -                                                  | [dB]                                            |
| 6 GHz                                      | -                                                  | [dB]                                            |
| 10 GHz                                     | -                                                  | [dB]                                            |
| 3rd. Order PIM product 2x43dBm             | -                                                  | [dBc]                                           |
| Insulation resistance                      | <b>1</b>                                           | [GΩ]                                            |
| Contact resistance                         |                                                    |                                                 |
| Centre contact                             | <b>&lt; 100</b>                                    | [mΩ]                                            |
| Outer contact                              | <b>&lt; 25</b>                                     | [mΩ]                                            |
| Contact current max. (DC)                  | -                                                  | [A]                                             |
| Operating voltage                          | <b>100</b>                                         | [V]                                             |
| Proof voltage                              | <b>150</b>                                         | [V]                                             |
|                                            |                                                    |                                                 |
| <b>Mechanical characteristics</b>          | Value                                              | Unit                                            |
| Engagement force                           | <b>max. 12</b>                                     | [N]                                             |
| Separating force                           | <b>max. 12</b>                                     | [N]                                             |
| Mating cycles                              | <b>&gt; 5000</b>                                   |                                                 |
| Coupling nut retention force               | -                                                  | [N]                                             |
| Coupling nut torque                        | -                                                  | [Nm]                                            |



Remarks

at 910MHz / at 1870 MHz

initial

initial

150 V AC - 1 min.

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