

| ELECTRICAL  | MECHANICAL  | ENVIRONMENTAL                      |
|---|---|------------------------------------|
| Impedance (Ohm): <u>50</u>  | Interface Dimension <u>1.85mm male and</u><br>1.35mm female | TEMPERATURE RANGE<br>-40 °C~+85 °C |
| Frequency Range: DC to 67GHz<br>Voltage Rating (Peak)<br>@ Sea Level 150 V RMS<br>Insulation Resistance (MIN.)<br>5000 M ohms<br>Contact Resistance (mohms MAX)<br>Center Contact 4.0<br>Outer Contact 1.0<br>Dielectric Withstand Voltage:<br>500 V RMS Max<br>Insertion Loss : TBD<br>VSWR:<br><1.33 @ DC ~ 67GHz |   |                                    |
|   |   |                                    |

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|---|---|-----|---------------|-----------|-----|------|
|   |   |     | REVISIONS     |           |     |      |
|   | P | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|   |   | А   | ECN-21-107697 | 30JUN2021 | ΡZ  | WKH  |
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## 1.85mm MALE

| 1           | 1     CONTACT PIN     BERYLL       1     INSULATOR                |   | STAINLESS STEEL                           |              | PASSIVATION                      |                           |  |
|-------------|---|---|---|--------------|----------------------------------|---------------------------|--|
| 1           |   |   | BERY                                      | LLIUM COPPER | GOLD 50 u"/NIC                   | GOLD 50 u"/NICKEL /COPPER |  |
| 1           |   |   |   | PEI          | N/A                              |                           |  |
| 1           |   |   | AINLESS STEEL                             | PASSIVATION  |                                  |                           |  |
| 2385341-1   | PART NUMB   | ART NUMBER  |   | MATERIAL     | PLATING                          |                           |  |
| DIMENSIONS: | CONTROLLED DOCUMENT.<br>TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | DWN<br>PENG ZHAI<br>CHK<br>ROGER SON<br>APVD      | 27JAN2021<br>27JAN2021<br>IG<br>27JAN2021 |              | TE Conn                          | ectivity                  |  |
|             | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$             | WENKE HE<br>PRODUCT SPEC<br>—<br>APPLICATION SPEC | 2   | _            | Female to 1.85mr<br>Adapter<br>– |                           |  |
| MATERIAL    | 4 PLC ± –<br>ANGLES ± 5*<br>FINISH                                | WEIGHT  | _   |              |                                  | RESTRIC                   |  |
| -           | -   | CUSTOMER  | DRAWING                                   |              | SCALE SHEET                      | 1 OF 1 REV                |  |

g 2385341

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