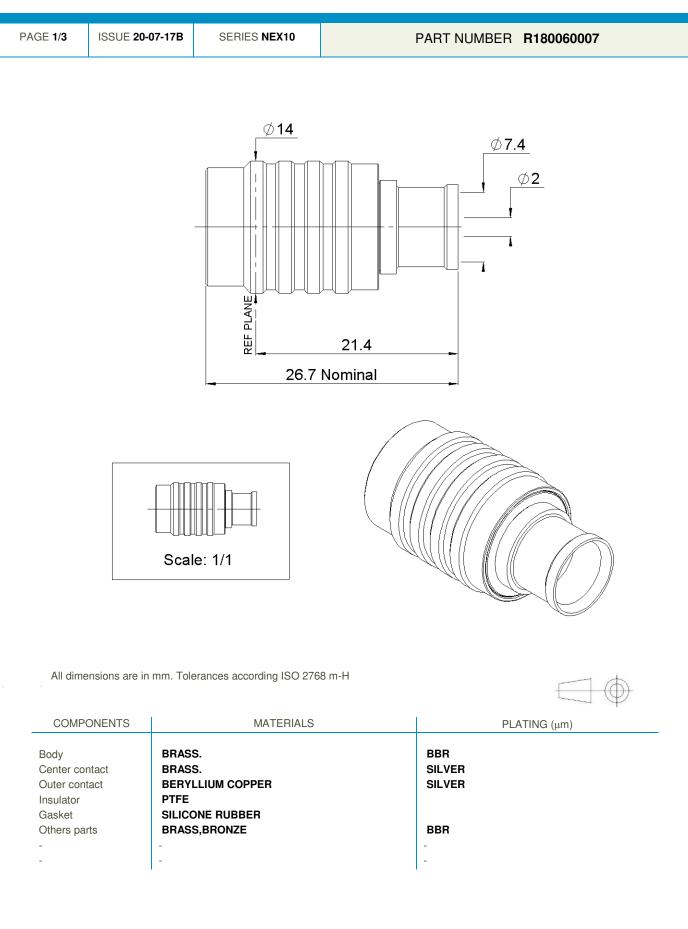
## **Technical Data Sheet**

STRAIGHT PUSH PULL PLUG SOLDER TYPE FOR 1/4" SPIRAL SUPERFLEXIBLE

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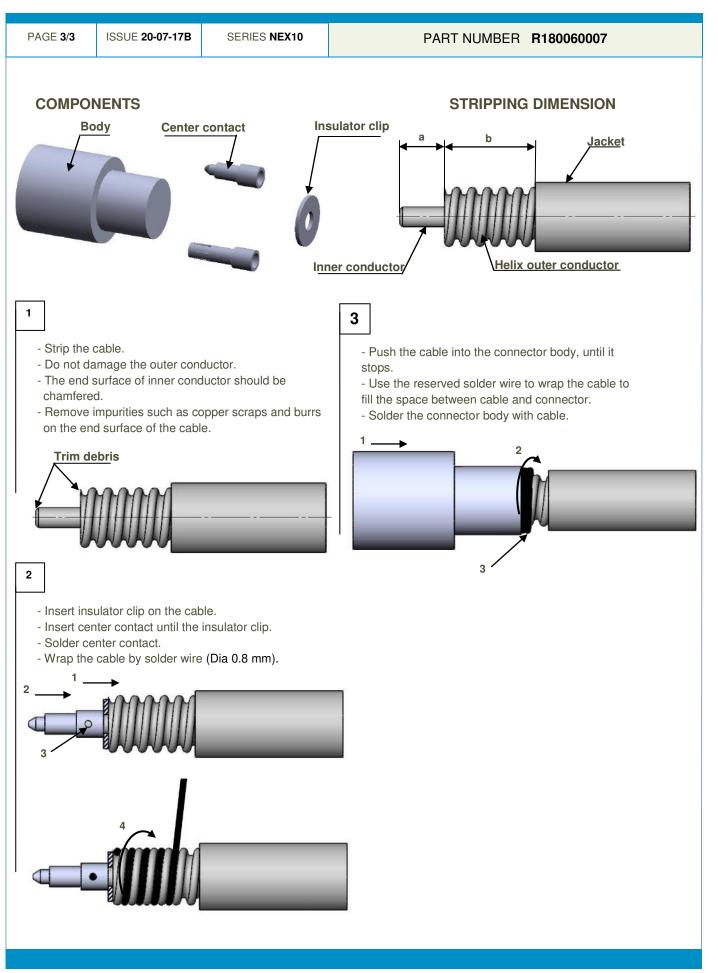
| PECKENEN  | PAGE <b>2/3</b>  | ISSUE 20-07-17B  | SERIES                                | NEX10       | PART NUMBER <b>R180060007</b> |                |  |         |  |  |  |  |
|---|--|--|---------------------------------------|-------------|-------------------------------|----------------|--|---------|--|--|--|--|
| 50 Contact us Contact us   ELECTRICAL CHARACTERISTICS   Impedance 50 Ω   Frequency 0.20 GHz   VSWP 1.02 + 0.020 xF(GHz) dB Maxi   Insertion loss - 0.030 xF(GHz) dB Maxi   RF leakage - ( NA - F(GHz) dB Maxi   Delectric withstanding voltage 1500 Veff Maxi   Insulation resistance 5000 MA Nmini   Maxia force - Mating End NA N mini   Axia force - Opposite end NA N.cm   VF clamp nut 0.0000 mm   Axe Folder put 100 Cycles mini   Veight 12.8640 9   Cable retention -   - unit off 250 N mini   Veight 12.8640 9   Cable retention -   - unit off 250 N mini   - or - -   | PACKAGING  |  |                                       |             |                               |                |  |         |  |  |  |  |
| ELECTRICAL CHARACTERISTICS   ENVIRONMENTAL     Impediance   50   Ω     Frequency   0.20   GHz     YSWP   1.02 + 0.020   xF(GHz) dBMaxi     Insertion loss   0.05   vF(GHz) dBMaxi     Voltage rating   500   Veff Maxi     Delectric withstanding voltage   500   Veff Maxi     Insertion loss   500   Veff Maxi     Delectric withstanding voltage   500   Veff Maxi     Delectric withstanding voltage   500   Veff Maxi     Insulation resistance   5000   MA   N     Axial force - Opposite end   NA   N   N     Axial force - Mating End   NA   N   N     Panel nut   NA   N   N     Ciamp nut   NA   N   N     Afrid Grap nut   100   Cycles mini   Cable retention     *   100   Cycles mini   -     Weight   12.060   g   -     Use retention   -   -   -     *   pull off   250   N mini     Vei   |  |  |                                       |             |                               |                |  |         |  |  |  |  |
| Impedance   50   Ω     Frequency   0-20   GHz     VSWR   1.02 + 0.0200 × F(GHz) dB Maxi     RF leakage   -(   NA     Voltage rating   -(   NA     Delectric withstanding voltage   1500   Veff Maxi     Delectric withstanding voltage   1500   Veff Maxi     Insultation resistance   5000   MA   Na     Maxial force – Mating End   NA   NA   Na     Axial force – Opposite end   NA   Na   N.cm     Mating life   100   Cycles mini   Stripping   a   b   c   d   e   f     Mating life   100   Cycles mini   NA   N.cm   NA   N.cm   Assembly instruction: NA   Recommended cable(s)     Heremoted torque   NA   N.cm   NA   N.cm   Stripping   a b   c   d   e   f     Mating life   100   Cycles mini   g   Cable retention   -   secretive   secretive   cable retention   -   -   cable retention   -   -   cable retention<  |  |  |                                       |             |                               |                |  | Contact |  |  |  |  |
| Frequency   0-20   GHz   Hermetic seal   NA   Atm.cm3     VSWR   1.02   + 0.0200   x F(GHz) dB Maxi   Panel leakage   NA   Atm.cm3     VSUBage rating   0.00   Vsf(GHz) dB Maxi   Panel leakage   NA   Atm.cm3     Dielectric withstanding voltage   1500   Vsf(Maxi   SPECIFICATION   SPECIFICATION     MECHANICAL CHARACTERISTICS   CABLE ASSEMBLY   Second de e   1     Center contact retention   NA   NA   NA   NA     Axial force – Opposite end   NA   NA   N.cm   Assembly instruction: NA     Recommended torque   NA   N.cm   NA   N.cm     Mating life   100   Cycles mini   G.0000 mm   Cable retention   -     Afrid Gamp nut   0.0000 mm   g   Cable retention   -   -     Mating life   100   Cycles mini   g   Cable retention   -     -   12.8640   g   Description   Hermetic seal   NA   N.cm     Mating life   100   Cycles mini   -   -   -   -                  |  | Operating temperature<br>Hermetic seal<br>Panel leakage<br>Atm.cm3/s |                                       |             |                               |                |  |         |  |  |  |  |
| Center contact retention   Axial force – Mating End   NA   N mini     Axial force – Opposite end   NA   N mini   NA   N mini     Torque   NA   N.cm   NA   N.cm     Recommended torque   NA   N.cm   NA   N.cm     Mating   NA   N.cm   NA   N.cm     Panel nut   NA   N.cm   NA   N.cm     Clamp nut   NA   N.cm   NA   N.cm     Mating life   100   Cycles mini   Good on   Output     Weight   12.8640   g   Characteristics indicated on this data sheet are those that can be achieved with the higher performance caletminsci limitations of the cable may diminish the performance of the same methy     Cable retention   - pull off   250   N mini     - torque   NA   N.cm   N.cm     OTHER CHARACTERISTICS     IP68(1m,24h) mated condition  | Frequency<br>VSWR<br>Insertion loss<br>RF leakage<br>Voltage rating<br>Dielectric withstar |  |                                       |             |                               |                |  |         |  |  |  |  |
| Axial force - Mating End<br>Axial force - Opposite end<br>Torque NA N mini<br>NA N mini<br>NA N mini<br>NA N mini<br>NA N mini<br>NA   Recommended torque<br>Mating<br>Panel nut<br>Clamp nut<br>A/F clamp nut NA N.cm Recommended cable(s)   Mating life 100 Cycles mini<br>ger Cycles mini<br>Cycles mini Cycles mini<br>Gable retention   Mating life 100 Cycles mini<br>ger Cycles mini<br>Cycles mini Characteristics indicated on this data sheet are those that can be achieved with the higher<br>performance cable. Intrinsic limitations of the cable may diminish the performance of the<br>assembly   Mating life 100 Cycles mini<br>ger   Weight 12.8640 g   TOOLING Image: State of the cable may diminish the performance of the<br>assembly   Cable retention - pull off 250   NA N.cm   TOOLING   Image: Description Hexagon   Image: Description Image: Description | MECHANICAL CHARACTERISTICS   |  |                                       |             |                               | CABLE ASSEMBLY |  |         |  |  |  |  |
| Torque NA N.cm mini   Recommended torque<br>Mating<br>Panel nut<br>Clamp nut<br>A/F clamp nut NA N.cm<br>NA N.cm<br>NA Assembly instruction: NA   Mating life<br>Weight 100<br>12.8640 Cycles mini<br>g Cycles mini<br>g Recommended cable(s)   HCF 1/4" Cu2Y AICu Characteristics indicated on this data sheet are those that can be achieved with the higher<br>performance cable. Intrinsic limitations of the cable may diminish the performance of the<br>assembly   Cable retention - pull off 250 N mini   - pull off 250 N mini   - torque NA N.cm  | Axial force – Ma   | ating End  |                                       |             |                               |                |  |         |  |  |  |  |
| Mating<br>Panel nut<br>Clamp nut<br>A/F clamp nut NA<br>NA<br>NA<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm<br>NA<br>N.cm Recommended cable(s)   Mating life<br>Weight 100<br>12.8640 Cycles mini<br>g Cycles mini<br>Cycles mini<br>12.8640 Cycles mini<br>g HCF 1/4" Cu2Y AICu   Characteristics indicated on this data sheet are those that can be achieved with the higher<br>performance cable. Intrinsic limitations of the cable may diminish the performance of the<br>assembly   Cable retention<br>- pull off<br>- torque - 250<br>N M ini<br>NA<br>N.cm   Part Number Description Hexagon   OTHER CHARACTERISTICS   IP68(1m,24h) mated condition  | Torque   |  |                                       |             | Assembly                      |                |  |         |  |  |  |  |
| Matring life<br>Weight   100   Cycles mini<br>g     12.8640   g     performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly     Cable retention     - pull off   250   N mini     - torque   NA   N.cm     TOOLING   | Mating<br>Panel nut<br>Clamp nut   |  |                                       |             |                               |                |  |         |  |  |  |  |
| - pull off<br>- torque NA N.cm<br><u>TOOLING</u><br><u>Part Number Description Hexagon</u><br><br><u>OTHER CHARACTERISTICS</u><br>IP68(1m,24h) mated condition  |  | performance  |                                       |             |                               |                |  |         |  |  |  |  |
| - torque NA N.cm<br><u>TOOLING</u><br><u>Part Number</u> Description Hexagon<br><u>OTHER CHARACTERISTICS</u><br>IP68(1m,24h) mated condition  |  |  |                                       |             |                               | ention         |  |         |  |  |  |  |
| Part Number Description Hexagon   |  |  |                                       |             |                               |                |  |         |  |  |  |  |
| Part Number Description Hexagon   |  |  |                                       |             |                               |                |  |         |  |  |  |  |
| OTHER CHARACTERISTICS<br>IP68(1m,24h) mated condition   |  |  |                                       | <u>TC</u>   | DOLING                        |                |  |         |  |  |  |  |
| OTHER CHARACTERISTICS<br>IP68(1m,24h) mated condition   |  | scription  | · · · · · · · · · · · · · · · · · · · |             |                               |                |  |         |  |  |  |  |
|   |  |  | PI                                    | IP68(1m,24h | ) mated cond                  | tion           |  |         |  |  |  |  |

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