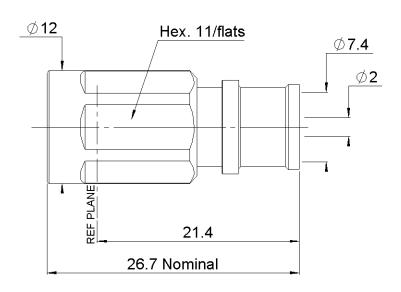
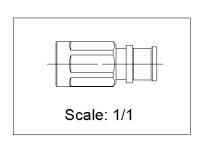


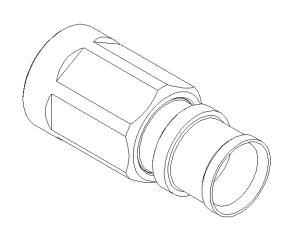


STRAIGHT PLUG SOLDER TYPE FOR 1/4" SPIRAL SUPERFLEXIBLE

PAGE 1/3 ISSUE 20-07-17B SERIES NEX10 PART NUMBER R180060017







All dimensions are in mm. Tolerances according ISO 2768 m-H



| COMPONENTS | MATERIALS | PLATING (μm) | |
|----------------|------------------|--------------|--|
| Body | BRASS. | BBR | |
| Center contact | BRASS. | SILVER | |
| Outer contact | BERYLLIUM COPPER | SILVER | |
| Insulator | PTFE | | |
| Gasket | SILICONE RUBBER | | |
| Others parts | BRASS,BRONZE | BBR | |
| - | - | - | |
| - | - | - | |



Technical Data Sheet

STRAIGHT PLUG SOLDER TYPE FOR 1/4" SPIRAL SUPERFLEXIBLE

| PAGE 2/3 ISSUE 20-07 | 17B SERIES NEX10 | PART NUMBER R180060017 |
|------------------------------------|------------------|-------------------------------|
|------------------------------------|------------------|-------------------------------|

PACKAGING

| 50 | Contact us | Contact us |
|----------|------------|------------|
| Standard | Unit | Other |

ELECTRICAL CHARACTERISTICS

Impedance 50 Frequency 0-20 GHz **VSWR** 1.02 0.0200 x F(GHz) Maxi Insertion loss 0.05 √F(GHz) dB Maxi RF leakage NA - F(GHz)) dB Maxi - (Voltage rating 500 Veff Maxi 1500 Dielectric withstanding voltage Veff mini Insulation resistance 5000 $M\Omega$ mini

MECHANICAL CHARACTERISTICS

Center contact retention Axial force - Mating End NA Axial force - Opposite end NA NA Torque

Recommended torque

300 Mating N.cm Panel nut NA N.cm Clamp nut N.cm NA A/F clamp nut 0.0000 mm

Mating life 100 Cycles mini 9.4580

Weight

g

N mini

N mini

N.cm mini

ENVIRONMENTAL

Operating temperature -55~+125 °С Hermetic seal NA Atm.cm3/s Panel leakage NA

SPECIFICATION

CABLE ASSEMBLY

| Stripping | а | b | С | d | е | f |
|-----------|-----|---|---|---|---|---|
| mm | 5.3 | 9 | 0 | 0 | 0 | 0 |

Assembly instruction: NA

Recommended cable(s)

HCF 1/4" Cu2Y AlCu

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 250 N mini - torque N.cm

TOOLING

| Part Number | Description | Hexagon |
|-------------|-------------|---------|
| | | |

OTHER CHARACTERISTICS

IP68(1m,24h) mated condition PIM3≤-123dBm, 2 carriers of +43dBm

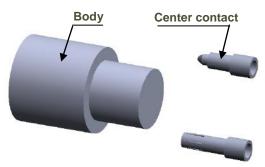


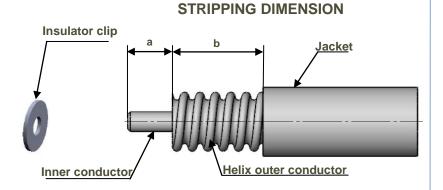


STRAIGHT PLUG SOLDER TYPE FOR 1/4" SPIRAL SUPERFLEXIBLE

PAGE 3/3 ISSUE 20-07-17B SERIES NEX10 PART NUMBER R180060017

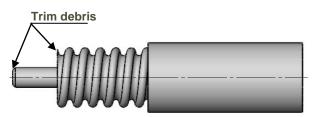
COMPONENTS





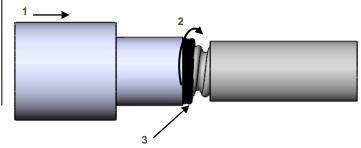
1

- Strip the cable.
- Do not damage the outer conductor.
- The end surface of inner conductor should be chamfered.
- Remove impurities such as copper scraps and burrs on the end surface of the cable.



3

- Push the cable into the connector body, until it stops.
- Use the reserved solder wire to wrap the cable to fill the space between cable and connector.
- Solder the connector body with cable.



2

- Insert insulator clip on the cable.
- Insert center contact until the insulator clip.
- Solder center contact.
- Wrap the cable by solder wire (Dia 0.8mm).

