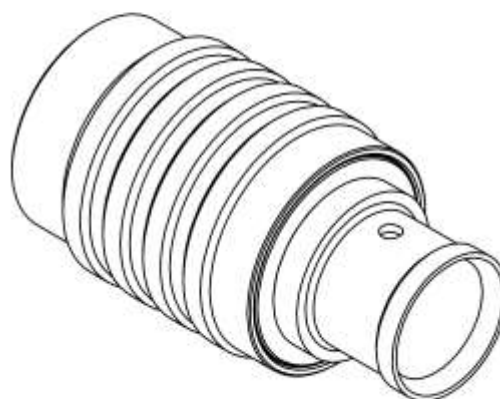
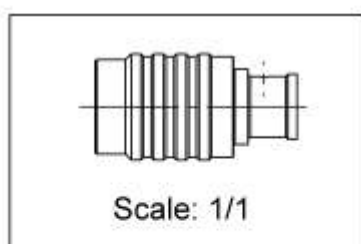
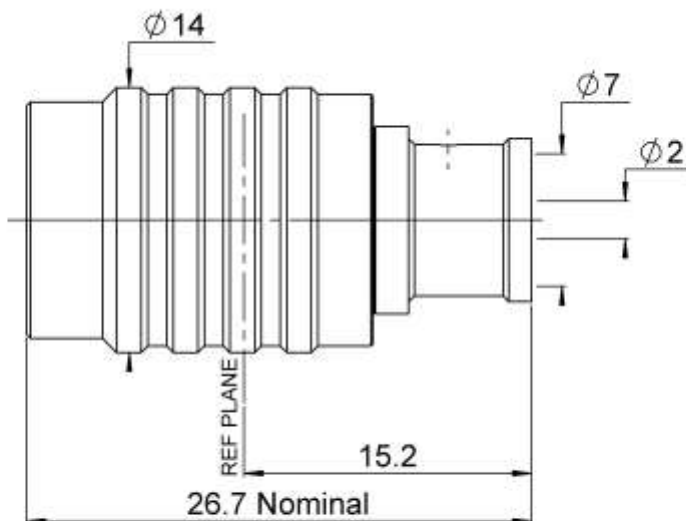


PAGE 1/3

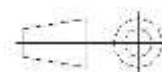
ISSUE 26-01-17A

SERIES NEX10

PART NUMBER **R180060007**



All dimensions are in mm.



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
-	-	-
-	-	-

PAGE **2/3**

ISSUE **26-01-17A**

SERIES **NEX10**

PART NUMBER **R180060007**

PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.02* + 0.0200	x F(GHz) Maxi
Insertion loss	0.05*	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	NA	N mini
Axial force – Opposite end	NA	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0.0000	mm
Mating life	100	Cycles mini
Weight	12.7090	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	5	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	NA	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

IP68(1m,24h) mated condition

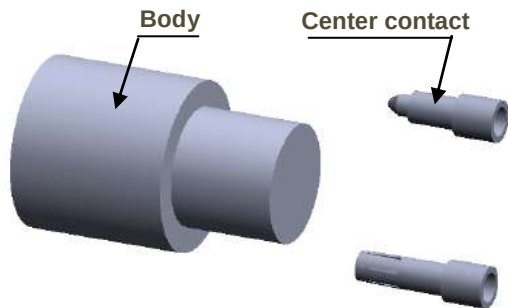
PAGE 3/3

ISSUE 26-01-17A

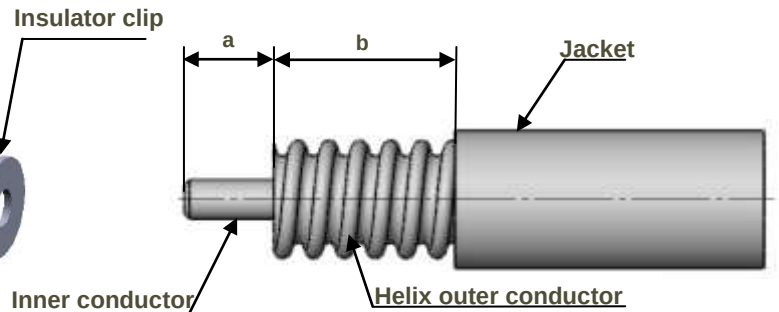
SERIES NEX10

PART NUMBER R180060007

COMPONENTS



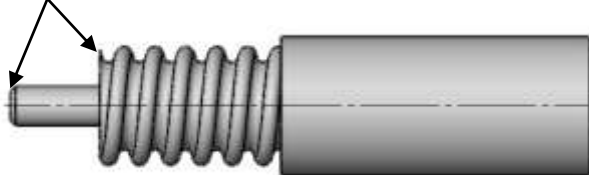
STRIPPING DIMENSION



1

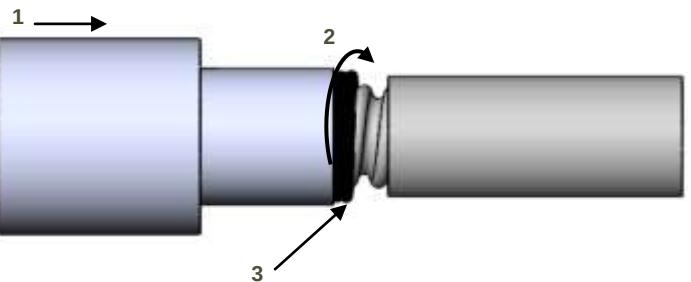
- Strip the cable.
- Do not damage the outer conductor.
- The end surface of inner conductor should be chamfered.
- Remove impurities such as copper scraps and burrs on the end surface of the cable.

Trim debris



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 0.8 mm).

