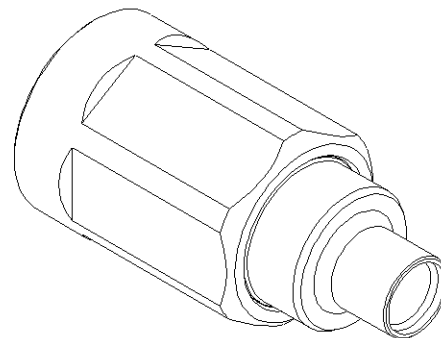
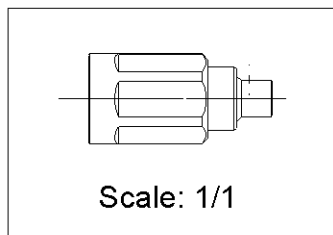
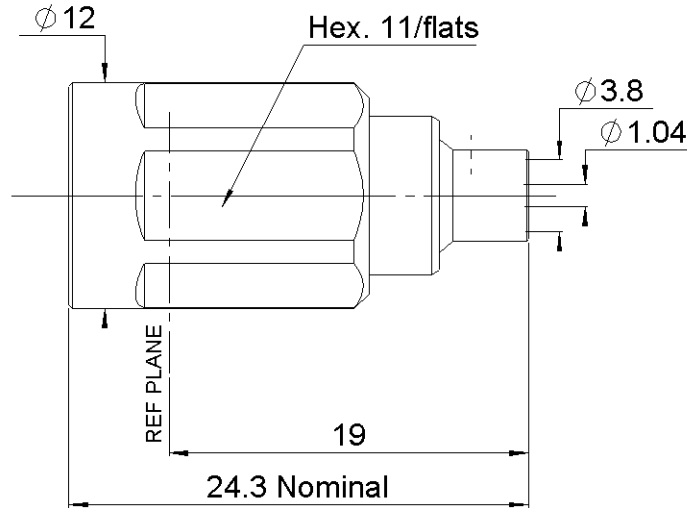
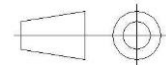


PAGE 1/3	ISSUE 30-01-18B	SERIES NEX10	PART NUMBER R180052007
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All dimensions are in mm. Tolerances according ISO 2768 m-H



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

PAGE 2/3	ISSUE 30-01-18B	SERIES NEX10	PART NUMBER R180052007
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### PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

### ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-20	GHz
VSWR	1.02* + 0.0150	x F(GHz) Maxi
Insertion loss	0.05	√F(GHz) dB Maxi
RF leakage	- ( **	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	MΩ 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	150	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	9.1900	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	3	0	0	0	0.85	0

Assembly instruction: **NA**

Recommended cable(s)

**RG 402**

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	200	N mini
- torque	NA	N.cm

### TOOLING

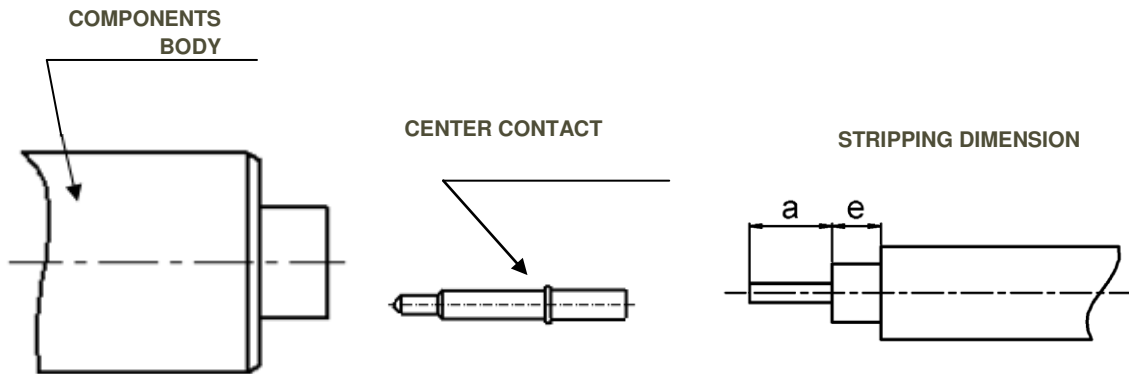
Part Number	Description	Hexagon
.	.	.

### OTHER CHARACTERISTICS

**IP68(1m,24h) mated condition**  
**\*\* -110dB typical, DC to 6GHz**  
**PIM3<=-123 dBm, 2 carriers of +43dBm**  
**\*Return loss and VSWR for interface:**

Frequency	Return Loss	VSWR(Maxi)
0.01 GHz – 4.00 GHz	< -36 dB	1.03
4.01 GHz – 6.00 GHz	< -34 dB	1.04
6.01 – 12.00 GHz	< -30 dB	1.07
12.01 – 20.00 GHz	< -20 dB	1.22

PAGE 3/3	ISSUE 30-01-18B	SERIES NEX10	PART NUMBER R180052007
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**1**

- Strip the cable with the cable stripping tool.
- Clean the cable

The diagram shows a cable with the outer jacket and a portion of the central conductor stripped away, as described in step 1.

**3**

- Introduce the cable into the body until center contact contact with the insulator.
- Place the sub-assembly on assembly jig
- Solder body on the cable.
- Let assembly cool down before removing it from the jig.

The diagram shows a cross-section of the assembly jig. A cable is inserted into the body of the jig. The central conductor is in contact with the insulator. The body is being soldered to the cable. Labels include 'Tightening' pointing to a screw mechanism, 'Solder' pointing to the joint, and 'Assembly jig' pointing to the base of the jig.

**2**

- Insert center contact until the cable
- Solder center contact

The diagram shows the center contact being inserted into the central conductor of the cable, as described in step 2.