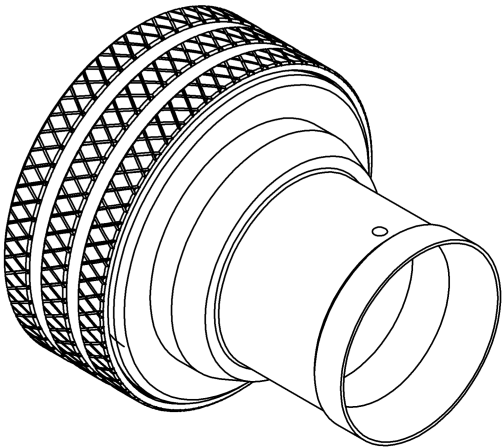
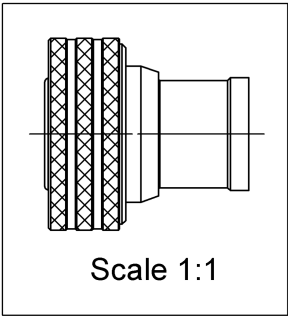
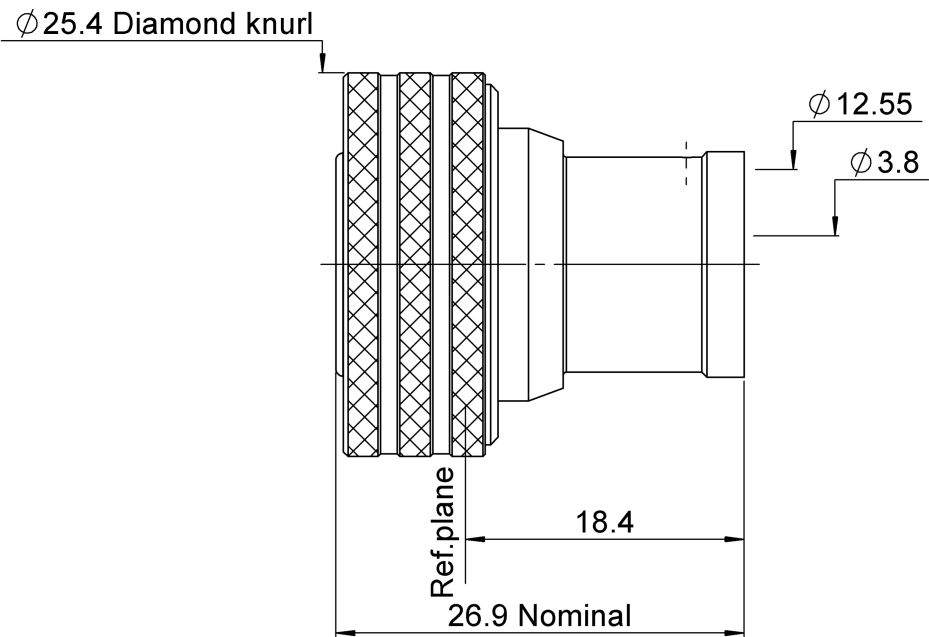
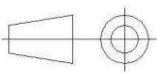


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	BBR
Center contact	BRASS	SILVER
Outer contact		
Insulator	PTFE	
Gasket	EPDM	
Others parts	BRASS	BBR
-	-	
-	-	

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ISSUE **1449A**

SERIES **4.3-10**

PART NUMBER **R183031017**

PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.02 + 0.015	x F(GHz) Maxi
Insertion loss	0.05	\sqrt{F} (GHz) dB Maxi
RF leakage	NA	- F(GHz)) dB Maxi
Voltage rating	1000	Veff Maxi
Dielectric withstanding voltage	2500	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-55~+90	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	30	N mini
Axial force – Opposite end	30	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	0.000	mm

Mating life	100	Cycles mini
Weight	31.627	g

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	7	15	0	0	0	0

Assembly instruction:

Recommended cable(s)

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	350	N mini
- torque	NA	N.cm

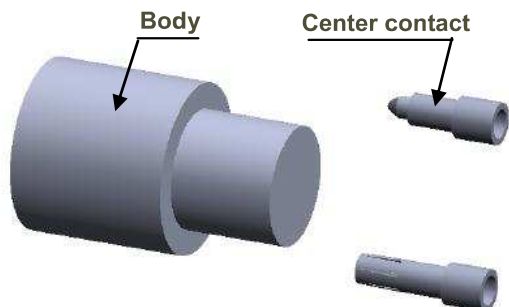
TOOLING

Part Number	Description	Hexagon
.	.	.

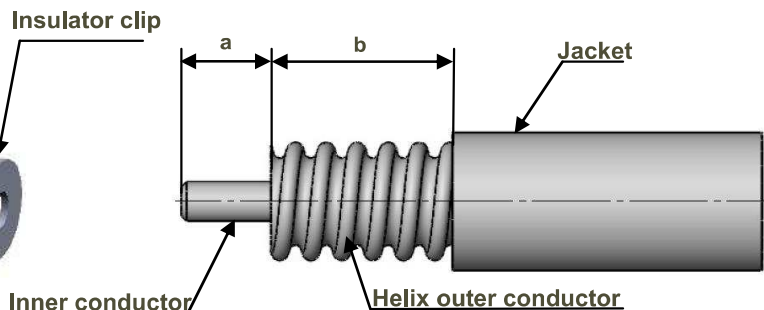
OTHER CHARACTERISTICS

IP 67 mated condition
PIM3<=-123 dBm, 2 carriers of +43dBm

COMPONENTS

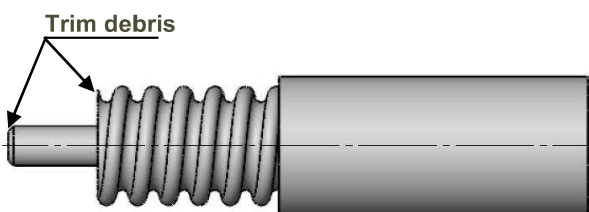


STRIPPING DIMENSION



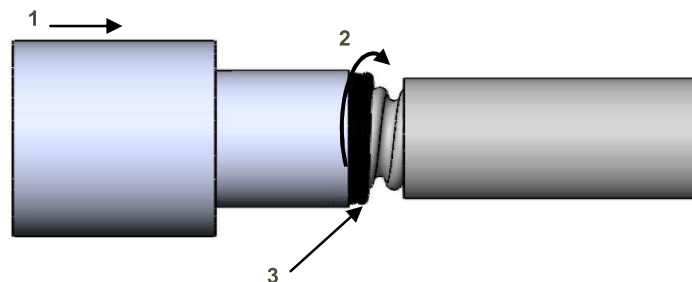
1

- 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.



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 1.2mm).

