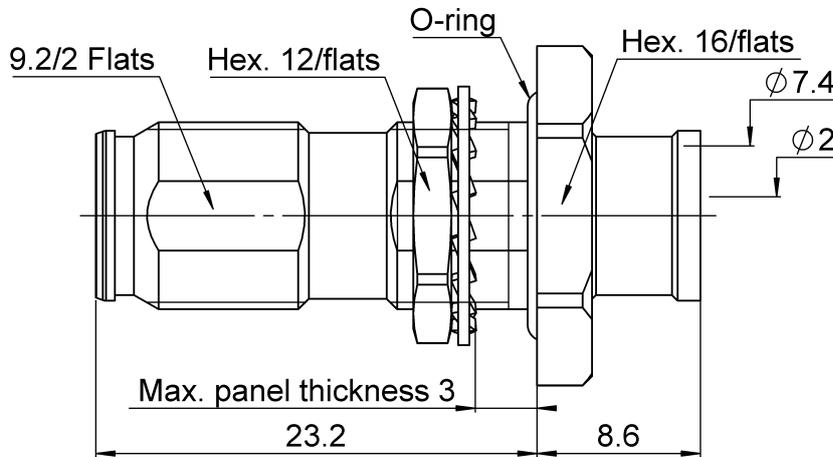
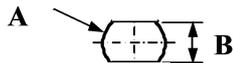


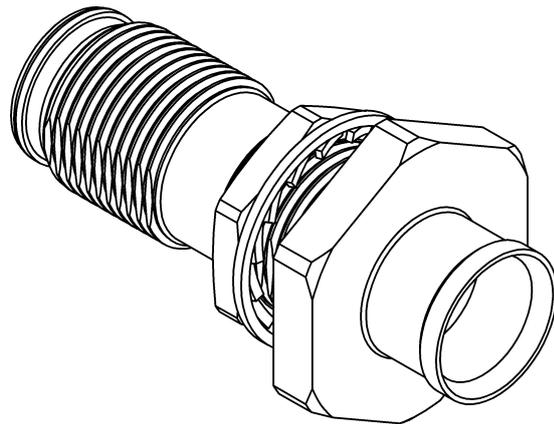
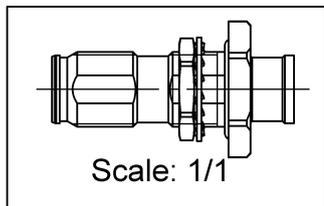
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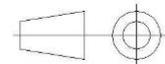
PANEL CUT OUT



	mm	
	Maxi	mini
A	10.1	10
B	9.3	9.2



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



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

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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* +	0,02 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	250	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0	mm
Mating life	100	Cycles mini
Nominal Weight (Add +15% for max weight)	14,14	g

ENVIRONMENTAL

Operating temperature	-55/+125	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	IP67	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	5	9	0	0	0	0

Assembly instruction: **See page 3**

Recommended cable(s)
HCF 1/4" Cu2Y AICu

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
.	.	.

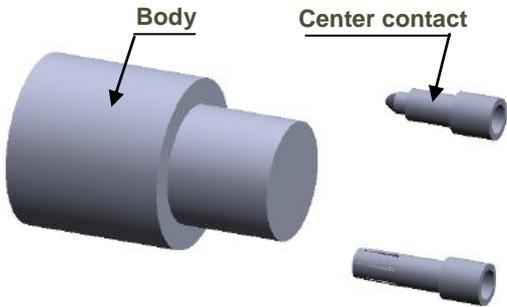
OTHER CHARACTERISTICS

IP68(1m,24h) mated condition
***Return loss and VSWR for interface:**

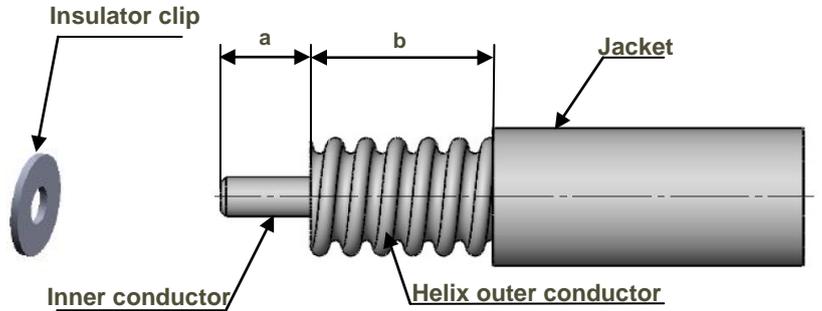
Frequency	Return Loss	VSWR(Maxi)
0.01 GHz – 4.00 GHz	< -36 dB	1.03
4.01 GHz – 6.00 GHz	< -34 dB	1.04
6.01 – 12.00 GHz	< -30 dB	1.07
12.01 – 20.00 GHz	< -20 dB	1.22

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COMPONENTS

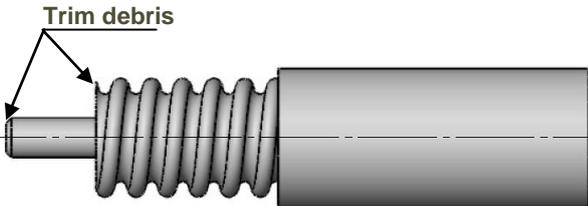


STRIPPING DIMENSION



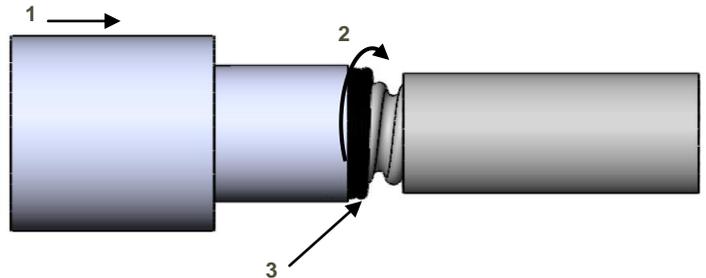
1

- 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 0.8 mm).

