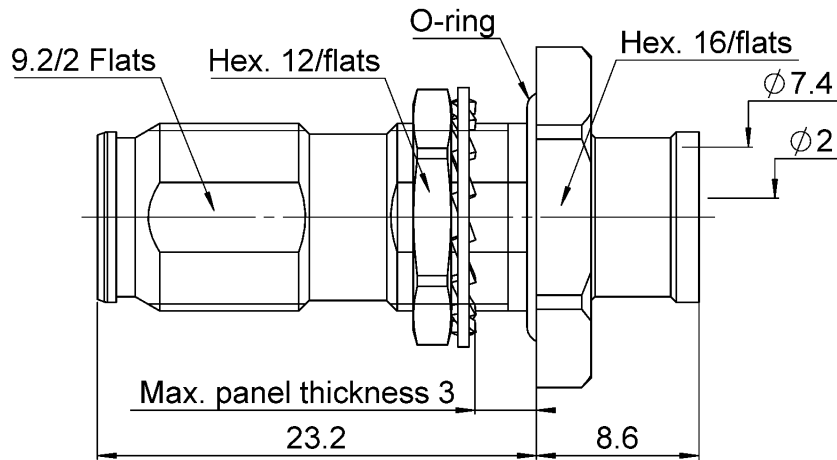
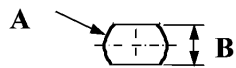


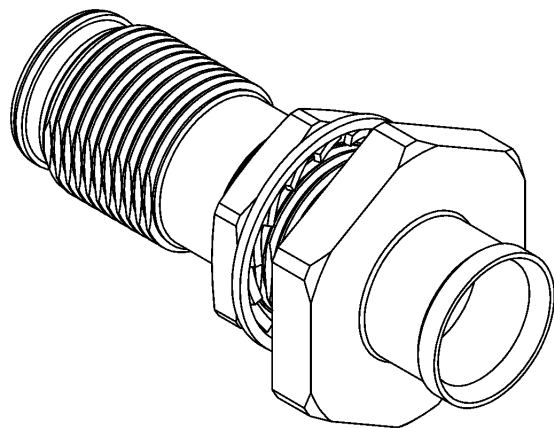
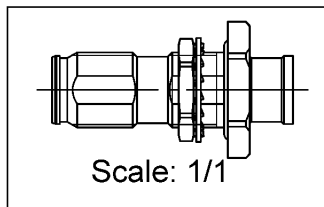
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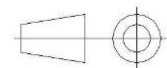
**PANEL CUT OUT**



	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 ( $\mu\text{m}$ )
Body	<b>BRASS.</b>	<b>BBR</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>Silver</b>
Outer contact		
Insulator	<b>PTFE</b>	
Gasket	<b>SILICONE RUBBER</b>	
Others parts	<b>BRASS,BRONZE</b>	<b>BBR</b>
-	-	-
-	-	-

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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	√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	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		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	°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
.	.	.

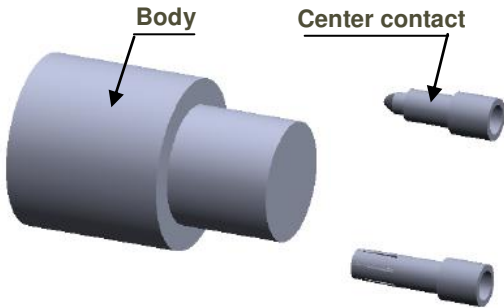
### OTHER CHARACTERISTICS

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

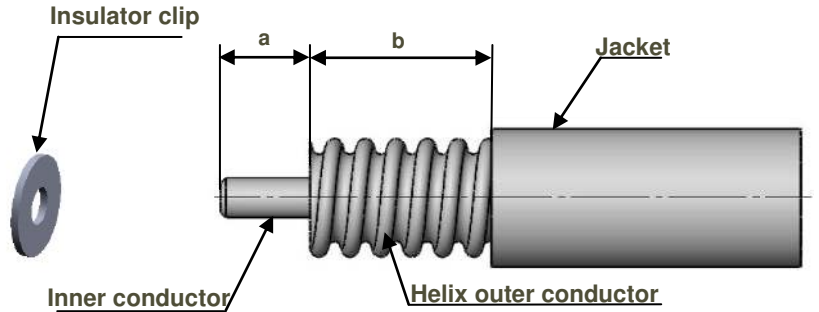
Frequency	Return Loss	VSWR(Maxi)
0.01 GHz – 4.00 GHz	< -36 dB	1.03
4.01 GHz – 6.00 GHz	< -34 dB	1.04
6.01 – 12.00 GHz	< -30 dB	1.07
12.01 – 20.00 GHz	< -20 dB	1.22

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**COMPONENTS**

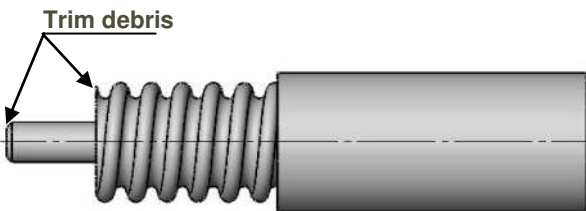


**STRIPPING DIMENSION**



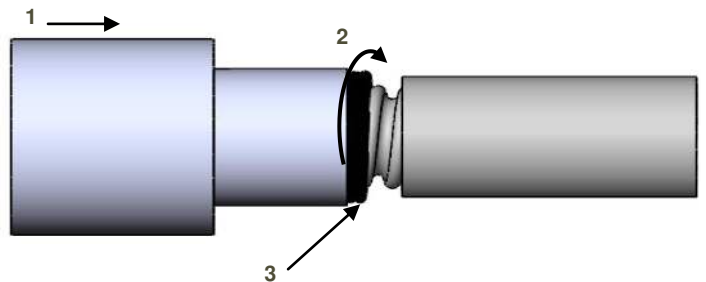
**1**

- 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).

