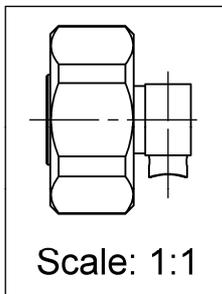
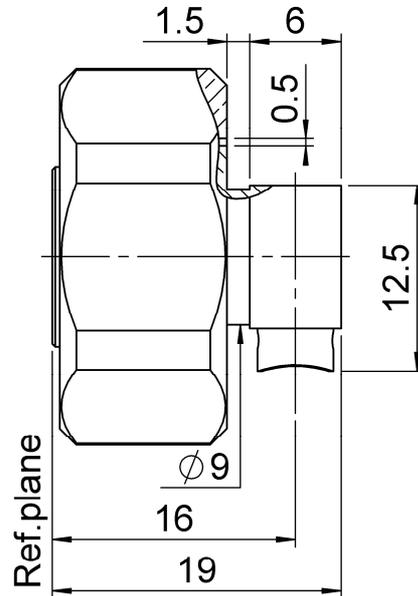
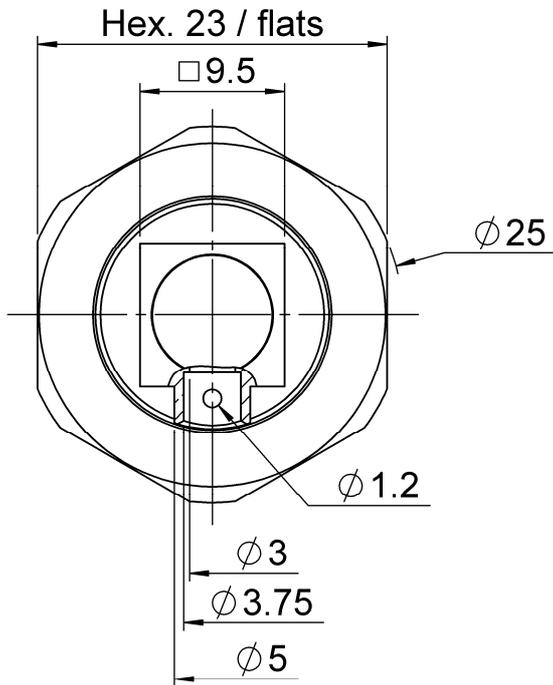
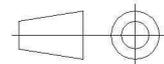
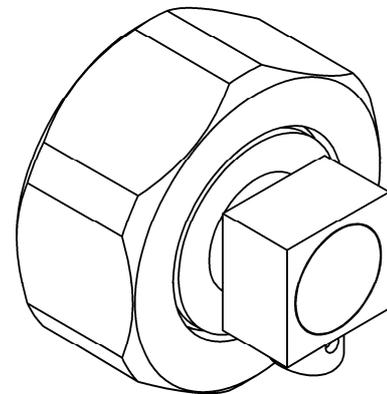


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All dimensions are in mm.



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

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**PACKAGING**

Standard	Unit	Other
<b>50</b>	<b>Contact us</b>	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	Ω
Frequency	<b>0-6</b>	GHz
VSWR	<b>* + 0.0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.05</b>	√F(GHz) dB Maxi
RF leakage	<b>- ( NA</b>	- F(GHz)) dB Maxi
Voltage rating	<b>1400</b>	Veff Maxi
Dielectric withstanding voltage	<b>2500</b>	Veff mini
Insulation resistance	<b>5000</b>	MΩ mini

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating End	<b>27</b>	N mini
Axial force – Opposite end	<b>27</b>	N mini
Torque	<b>NA</b>	N.cm mini
Recommended torque		
Mating	<b>1000</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0.0000</b>	mm
Mating life	<b>500</b>	Cycles mini
Weight	<b>30.1600</b>	g

**ENVIRONMENTAL**

Operating temperature	<b>-55/+155</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**SPECIFICATION**

**14040953 V1.0**

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	<b>3</b>	<b>4.75</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>

Assembly instruction: **See Page 3**

Recommended cable(s)

**RG 402**  
**KS 2**  
**SUCOFORM 141**

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	<b>500</b>	N mini
- torque	<b>NA</b>	N.cm

**TOOLING**

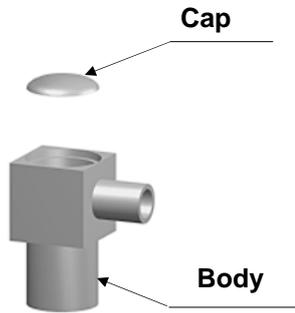
Part Number	Description	Hexagon

**OTHER CHARACTERISTICS**

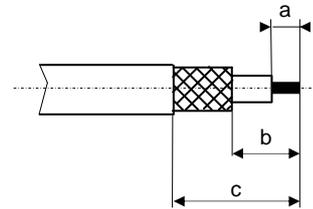
\* VSWR: ≤1.1 at DC-3GHz  
          ≤1.2 at 3-6GHz  
PIM3: ≤-117dBm at 900MHz/1800MHz/2600MHz(2x20w)

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**COMPONENTS**



**STRIPPING DIMENSIONS**



We recommend a cable thermal preconditioning before assembly

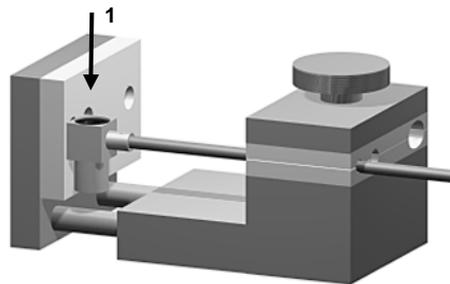
**1**

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



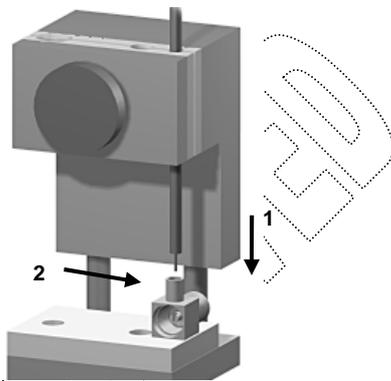
**3**

Solder the inner conductor.



**2**

Insert the cable into the connector until it bottoms against the body.  
Put three rings of solder around the cable and solder the body onto the cable.



**3**

Place the cap into the body.  
Press on the cap flush or slightly below the surface of the body assembly.

