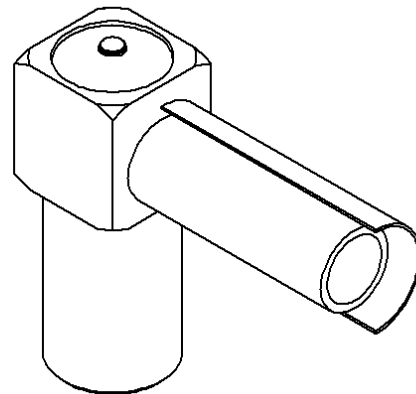
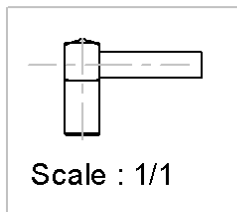
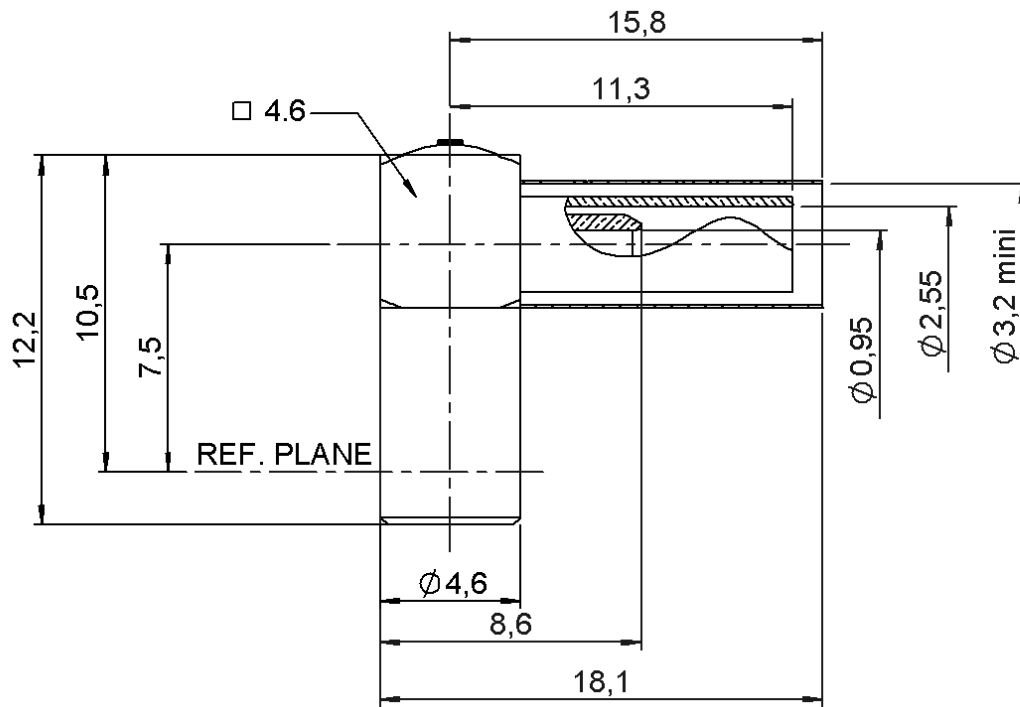


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	<b>BRASS</b>	<b>GOLD 0.5 OVER NICKEL 2</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD 1.3 OVER NICKEL2</b>
Outer contact	<b>BERYLLIUM COPPER</b>	<b>GOLD 0.5 OVER NICKEL 2</b>
Insulator	<b>PTFE</b>	
Gasket	-	
Others parts	<b>BRASS</b>	<b>GOLD 0.2 OVER NICKEL 2</b>
-	-	-
-	-	-

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**PACKAGING**

Standard <b>100</b>	Unit <b>Contact us</b>	Other <b>Contact us</b>
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**ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	Ω
Frequency	<b>0-4</b>	GHz
VSWR	<b>1.30 + 0,0200</b>	x F(GHz) Maxi
Insertion loss	<b>0.30</b>	√F(GHz) dB Maxi
RF leakage	- ( <b>NA</b> )	- F(GHz) dB Maxi
Voltage rating	<b>175</b>	Veff Maxi
Dielectric withstanding voltage	<b>500</b>	Veff mini
Insulation resistance	<b>1000</b>	MΩ mini

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating End	<b>8</b>	N mini
Axial force – Opposite end	<b>8</b>	N mini
Torque	<b>NA</b>	N.cm mini
Recommended torque		
Mating	<b>NA</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>0,0000</b>	g

**ENVIRONMENTAL**

Operating temperature	<b>-65/+165</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**SPECIFICATION**

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	<b>2</b>	<b>4,5</b>	<b>7,5</b>	<b>0</b>	<b>5,5</b>	<b>0</b>

Assembly instruction: **Crimp 05**

Recommended cable(s)

**KX 21**  
**RG 178**  
**RG 196**  
**RG 178 LC**

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>54</b>	N mini
- torque	<b>NA</b>	N.cm

**TOOLING**

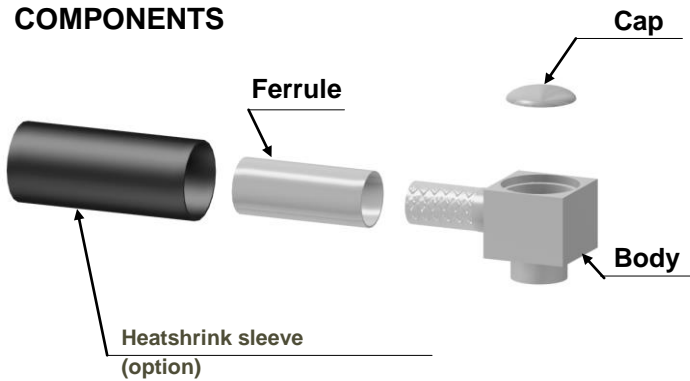
Part Number	Description	Hexagon
R282235003	CRIMPING DIES M22520/5-03	2.67
R282293000	CRIMPING TOOL M22520/5-01	-
R282211000	CRIMPING TOOL	2.67

**OTHER CHARACTERISTICS**

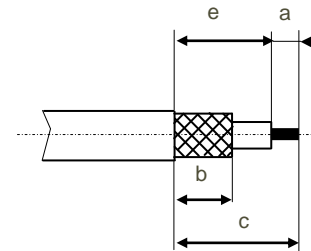
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**COMPONENTS**



**STRIPPING DIMENSIONS**



**1**

Slide the heatshrink sleeve onto the cable (Option).  
Slide the ferrule onto the cable.  
Strip the cable.

Diagram illustrating step 1: Sliding the heatshrink sleeve (1) and ferrule (2) onto the cable, and stripping the cable (3).

**2**

Fan the braid.

Diagram illustrating step 2: Fanning the braid (1).

**3**

Push the connector body under the braid.  
Slide the ferrule over the braid.

Diagram illustrating step 3: Pushing the connector body (1) under the braid and sliding the ferrule (2) over the braid.

**4**

Crimp the ferrule with crimping tool ( see connector TDS ).  
Solder the inner conductor.

Diagram illustrating step 4: Crimping the ferrule (1) with a crimping tool and soldering the inner conductor (2).

**5**

Place the cap into the body.

Diagram illustrating step 5: Placing the cap (1) into the body.

**6**

Press on the cap flush or slightly below the surface of the body assembly.  
Slide the sleeve over the ferrule and heatshrink it in place (Option).

Diagram illustrating step 6: Pressing the cap (1) flush or slightly below the surface of the body assembly and sliding the sleeve (2) over the ferrule and heatshrinking it in place (Option).