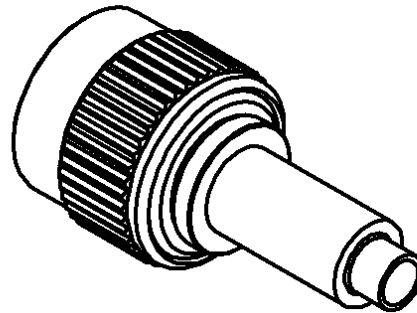
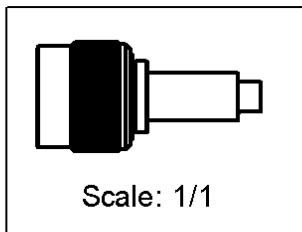
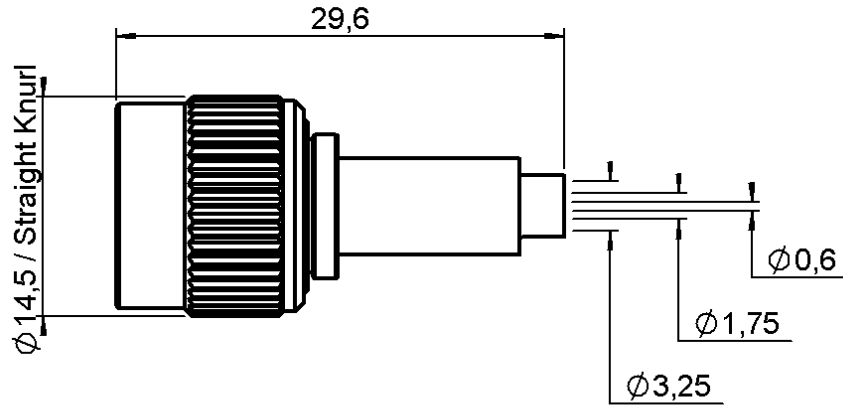
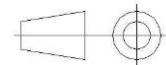


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	<b>BRASS</b>	<b>NICKEL 2</b>
Center contact	<b>BRASS</b>	<b>GOLD 0.5 OVER NICKEL 2</b>
Outer contact	-	-
Insulator	<b>PTFE</b>	
Gasket	<b>SILICONE RUBBER</b>	
Others parts	<b>BRASS</b>	<b>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>0-11</b>	GHz
VSWR	<b>1.30*</b> + <b>0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.06</b>	√F(GHz) dB Maxi
RF leakage	- ( <b>57</b> )	- F(GHz)) dB Maxi
Voltage rating	<b>335</b>	Veff Maxi
Dielectric withstanding voltage	<b>1000</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>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>11,8370</b>	g

**ENVIRONMENTAL**

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

**SPECIFICATION**

**QAE 06-02 . .**

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	<b>4</b>	<b>10</b>	<b>18,5</b>	<b>0</b>	<b>14,5</b>	<b>0</b>

Assembly instruction: **Crimp 03**

Recommended cable(s)

- KX 22A**
- RG 188**
- RG 316**
- ECO 316**
- RG 174**
- KX 3B**
- RG 174 FTX**
- RG 174**
- RG 316**

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>40</b>	N mini
- torque	<b>NA</b>	N.cm

**TOOLING**

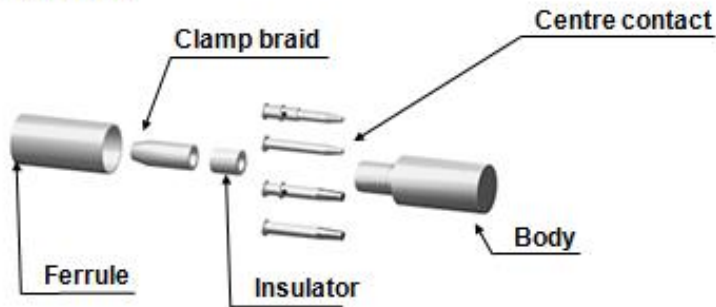
Part Number	Description	Hexagon
R282293000	CRIMPING TOOL M22520/5-01	-
R282223000	CRIMPING TOOL	1.73-5.41
R282235011	CRIMPING DIES M22520/5-11	1.73-5.41
R282888020	FORK TOOL	

**OTHER CHARACTERISTICS**

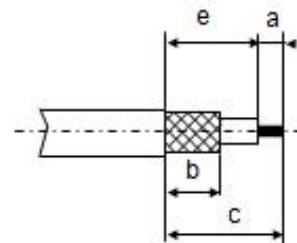
**\*1.3 from 0 to 2GHz**  
**2 from 0 to 11GHz**

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**COMPONENTS**



**STRIPPING DIMENSIONS**



**1**

Slide the ferrule onto the cable.  
Strip the cable.

**4**

Use fork tool R282.888.020. Put it behind the insulator and slide cable into body until it bottoms against insulator.

**2**

Fan the braid.  
Slide the braid clamp and the insulator between the dielectric and the braid.  
Slide the insulator between the dielectric and the braid.

**5**

Slide the ferrule over the braid.

**3**

Slide on the centre contact until it bottoms against the cable dielectric.  
Solder or crimp the centre contact with crimping tool (see connector TDS).  
Clean solder area if necessary.

**6**

Crimp the ferrule with crimping tool (see connector TDS).  
Cut the excess of braid if necessary.

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