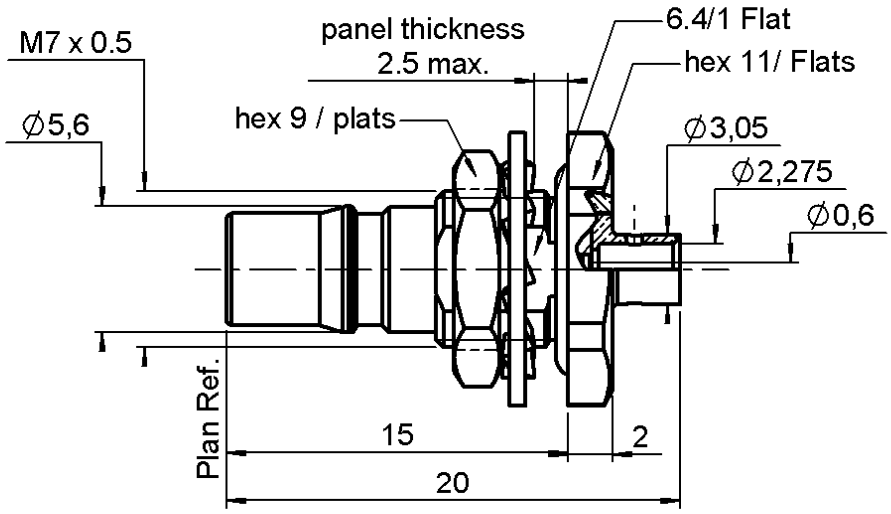
STRAIGHT BULKHEAD JACK SOLDER TYPE

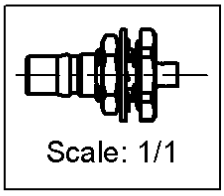
PANEL SEAL CABLE .085

R123.326.003

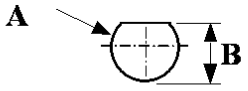
Series : **QMA**



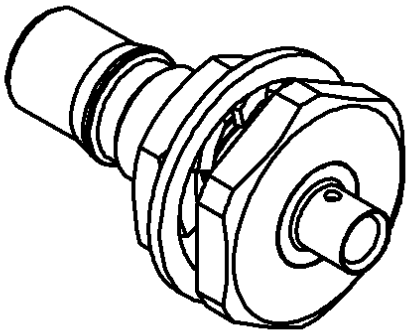
QLF®



PANEL CUT OUT



	mm	
	Maxi	**mini**
A	**7.3**	**7.2**
B	**6.65**	**6.5**



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	**BRASS**	**GOLD 0.8 OVER COPPER 0.5**
CENTER CONTACT	**BERYLLIUM COPPER**	**GOLD 1.3 OVER COPPER 2.5**
OUTER CONTACT	**-**	**-**
INSULATOR	**PTFE**	
GASKET	**SILICONE RUBBER**	
OTHERS PARTS	**-**	**-**
-	**-**	**-**
-	**-**	**-**

Issue : 0923 A

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PACKAGING

Standard	Unit	Other
100	**'W' option**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance	**50**	Ω
Frequency	**0-6**	GHz
VSWR	**1.05 + 0,0150**	x F(GHz) Maxi
Insertion loss	**.05**	√F(GHz) dB Maxi
RF leakage	- (*****80**	- F(GHz)) dB Maxi
Voltage rating	**335**	Veff Maxi
Dielectric withstanding voltage	**1000**	Veff mini
Insulation resistance	**5000**	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**18**	N mini
Axial force – Opposite end	**18**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**160**	N.cm
Clamp nut	**NA**	N.cm
A/F clamp nut	**0,0000**	mm
Mating life	**100**	Cycles mini
Weight	**4,4000**	g

ENVIRONMENTAL

Operating temperature	**-40/+105**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**IP67**	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	3,17	0,00	0,00	0,00	0,00	0,00

Assembly instruction : **NA**

Recommended cable(s)
KS 1
RG 405

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	**130**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.862.090	CONTROL GAUGE	
R282.063.000	POINTER GAUGE	
R282.051.000	STRIPPING TOOL	
R282.740.000	SOLDERING MOUNTING	
R282.744.220	SOLDERING POSITIONER (CENTER CONTACT)	

OTHERS CHARACTERISTICS

**Intermod.:-120dBc at 1.8GHz (2x20w)
***RF Leakage interf.only:3<F<6GHz:>70db

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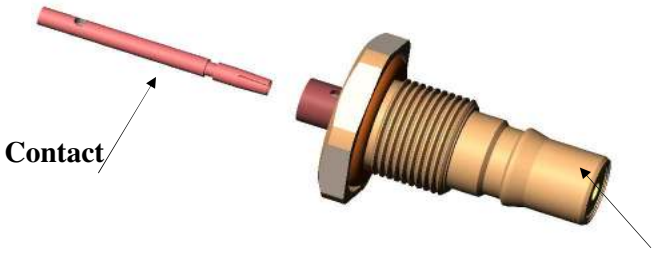
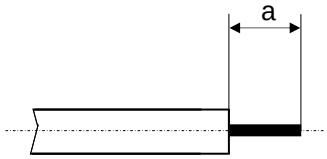
COMPONENTS



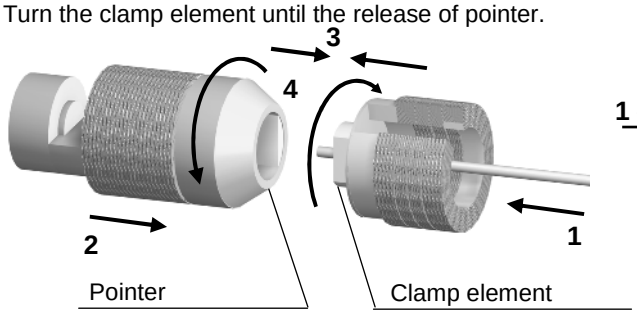
STRIPPING DIMENSIONS



We recommend a thermal preconditionning cable

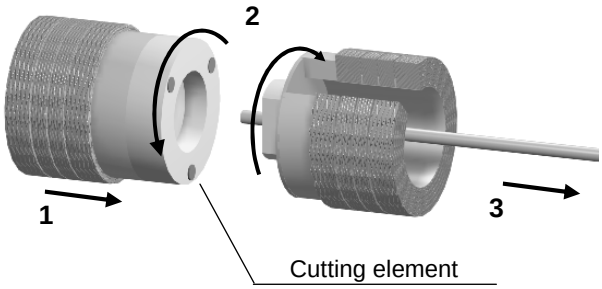
1

Insert the cable inro the clamp element.
Present the pointer in front of the clamp element.
Push the cable until it stops, while holding the clamp
Element pushed on the hollow part of the pointer.
Turn the clamp element until the release of pointer.



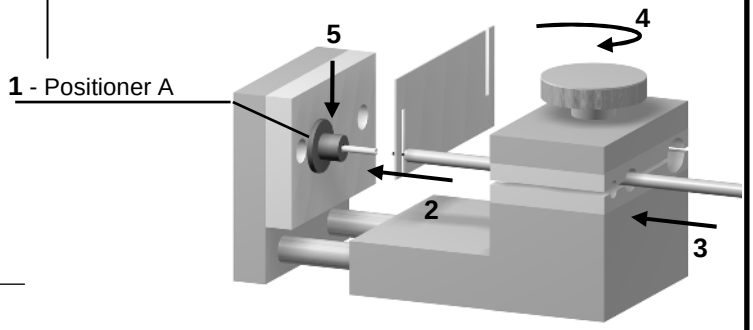
2

Present the cutting element in front of the clamp element.
Push and turn both elements, back part opposite to the
Front part.Once they reach the stop, pull without revolving.



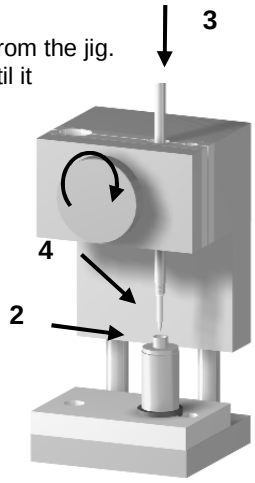
3

Mount the positioner A.
Slide the center contact into the positioner A.
Insert the solder gauge between the center contact and
the cable.
Tighten.
Solder the contact.



4

After cooling, remove the assembly from the jig.
Slide the cable into the connector until it
bottoms against.
Tighten.
Put three rings of solder around
the cable and solder.



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