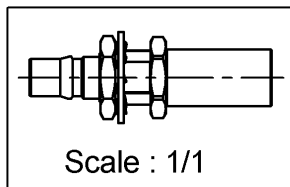
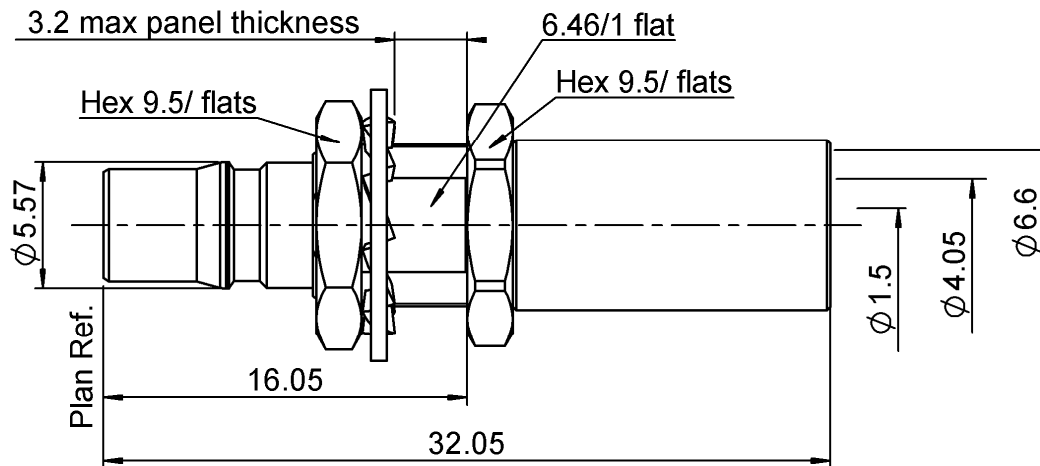
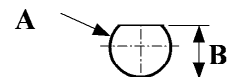
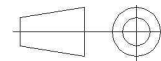
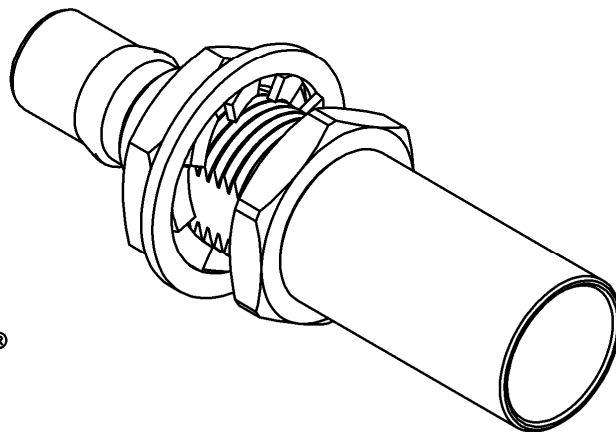


**STRAIGHT BULKHEAD JACK CRIMP TYPE**
**CABLE 6.1/50D**
**R123.314.310**

Series : QMA


**PANEL CUT OUT**


mm		
	Maxi	mini
A	7.3	7.2
B	6.65	6.5

**QF®**


All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	BBR
CENTER CONTACT	BERYLLIUM COPPER	NPGR
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS	BRASS	BBR
-	-	-
-	-	-

**Issue : 1230 A**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RADIAL R**

**STRAIGHT BULKHEAD JACK CRIMP TYPE****CABLE 6.1/50D****R123.314.310**

Series : QMA

**PACKAGING**

Standard	Unit	Other
<b>100</b>	-	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-6</b>	GHz
VSWR	<b>1.12* + 0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.05</b>	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- ( <b>**80</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>	M $\Omega$ mini

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>18</b>	N mini
Axial force – Opposite end	<b>18</b>	N mini
Torque	<b>NA</b>	N.cm mini
Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>160</b>	N.cm
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0,0000</b>	mm
Mating life	<b>100</b>	Cycles mini
Weight	<b>5,5000</b>	g

**ENVIRONMENTAL**

Operating temperature	<b>-40/+105</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	3,90	7,60	11,5	0,00	7,60	0,00

Assembly instruction :

**SEE PAGE 3**

Recommended cable(s)

KSR240

LMR 240

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>220</b>	N mini
- torque	<b>NA</b>	N.cm

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	
R282.235.013	CRIMPING DIES	
R282.293.000	CRIMPING TOOL M22520/5-01	

**OTHER CHARACTERISTICS**

\*VSWR: 1.12 max@0-3GHz, 1.2 max@3-6GHz

\*\*RF Leakage interf only:3&lt;F&lt;6GHz:&lt;-70dB

Issue : 1230 A

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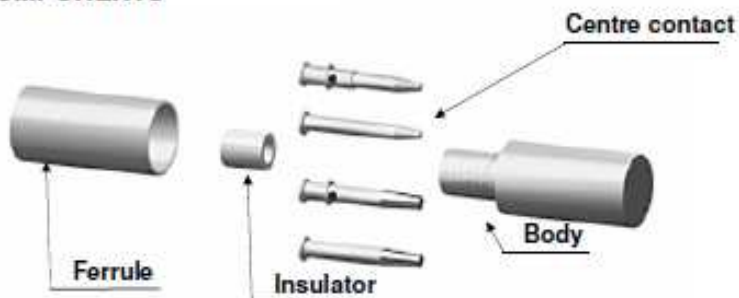
**STRAIGHT BULKHEAD JACK CRIMP TYPE**

**CABLE 6.1/50D**

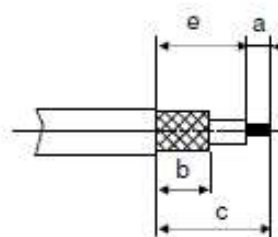
**R123.314.310**

Series : QMA

**COMPONENTS**



**STRIPPING DIMENSIONS**



**1**

Slide the ferrule onto the cable.  
Strip the cable.



**4**

Slide cable into body until it bottoms against insulator.



**2**

Fan the braid.  
Slide the insulator on the cable centre contact until it bottoms against the cable dielectric.



**5**

Slide the ferrule over the braid.



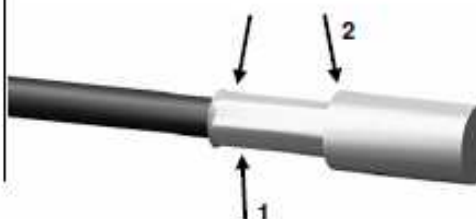
**3**

Slide on the centre contact until it bottoms against the additional insulator.  
Solder the centre contact with crimping tool.  
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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**RADIAL** 