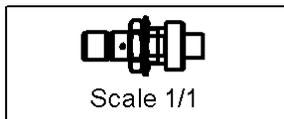
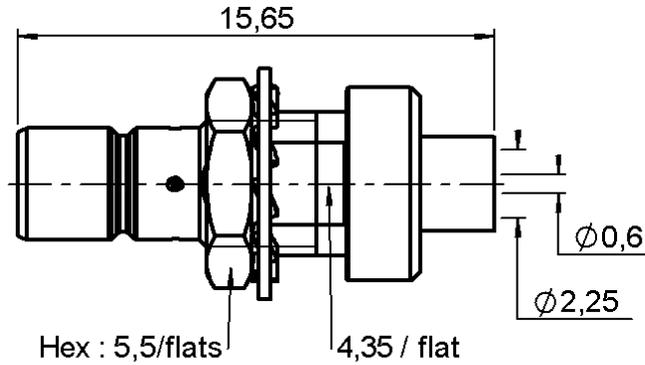


**STRAIGHT BULKHEAD JACK SOLDER TYPE**

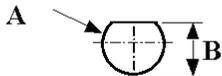
**R114.222.000**

**REAR MOUNT - CABLE .085**

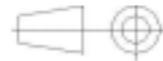
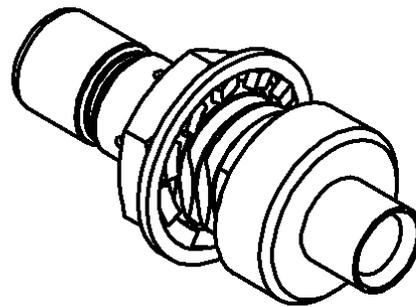
Series : SMB



**PANEL CUT OUT**



mm		
	Maxi	mini
A	5	4.9
B	4.55	4.45



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0216 E

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



**STRAIGHT BULKHEAD JACK SOLDER TYPE**

**R114.222.000**

**REAR MOUNT - CABLE .085**

Series : SMB

**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-4</b> GHz
VSWR	<b>1.10</b> +	<b>0.025</b> x F(GHz) Maxi
Insertion loss		<b>0.25</b> √F(GHz) dB Maxi
RF leakage	- (	<b>57</b> - F(GHz)) dB mini
Voltage rating		<b>335</b> Veff Maxi
Dielectric withstanding voltage		<b>750</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	5.00	3.00	0.00	0.00	0.00	0.00

Assembly instruction :

Recommended cable(s)  
RG 405  
KS 1

Cable retention

- pull off	<b>155</b> N mini
- torque	<b>NA</b> N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>10</b> N mini	
Axial force – Opposite end	<b>10</b> N mini	
Torque	<b>NA</b> N.cm mini	

**TOOLING**

Part Number	Description	Hexagon
.	.	.

Recommended torque

Mating	<b>NA</b> N.cm
Panel nut	<b>60</b> N.cm
Clamp nut	<b>NA</b> N.cm
A/F clamp nut	<b>0.000</b> mm

Mating life	<b>500</b> Cycles mini
Weight	<b>1.590</b> g

**OTHERS CHARACTERISTICS**

**ENVIRONMENTAL**

Operating temperature	<b>-65/+105</b> °C
Hermetic seal	<b>NA</b> Atm.cm3/s
Panel leakage	<b>NA</b>

Issue : 0216 E

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**STRAIGHT BULKHEAD JACK SOLDER TYPE**

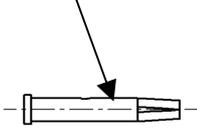
**R114.222.000**

**REAR MOUNT - CABLE .085**

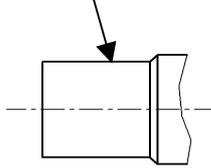
Series : SMB

**COMPONENTS**

CENTER CONTACT



BODY

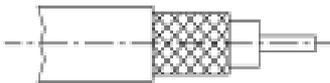


**STRIPPING DIMENSIONS**



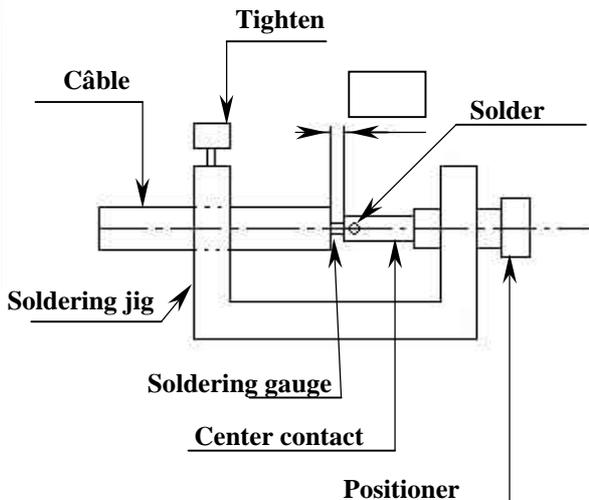
**1**

-Strip off the outer conductor and the dielectric



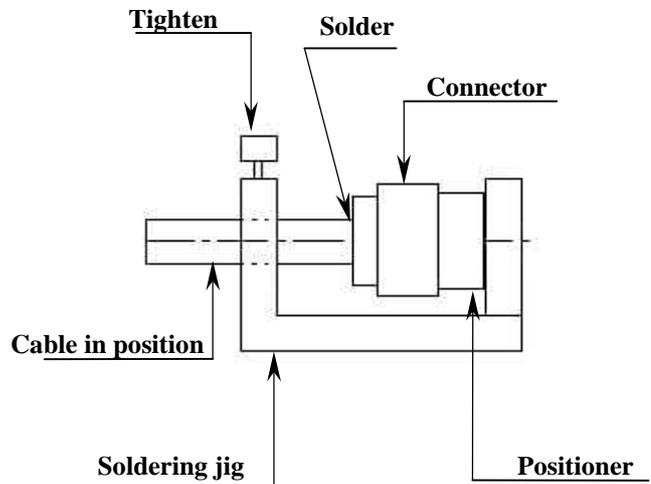
**2**

Screw the positioner onto the soldering jig.  
Slide center contact into positioner.  
Insert solder gauge between contact and cable .  
Tighten and solder the contact.



**3**

After cooling remove cable assembly from the jig.  
Slide body into positioner .  
Slide cable into the connector until it bottoms against the positioner .  
Tighten.  
Solder the body onto the cable.  
After cooling remove cable assembly from the jig.



Issue : 0216 E

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