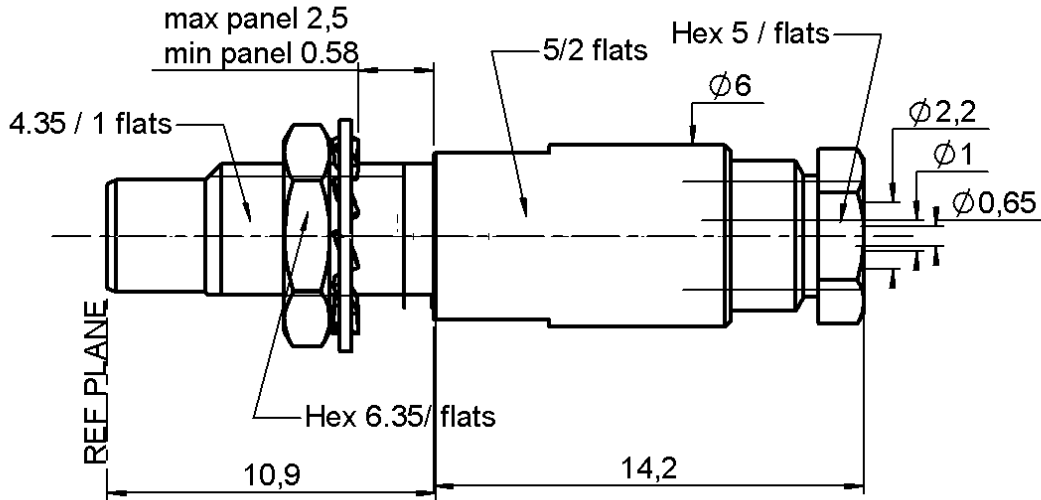


**STRAIGHT BULKHEAD JACK CLAMP TYPE**

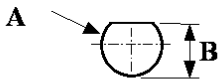
**R112.303.000**

**REAR MOUNT - CABLE 2/50 S**

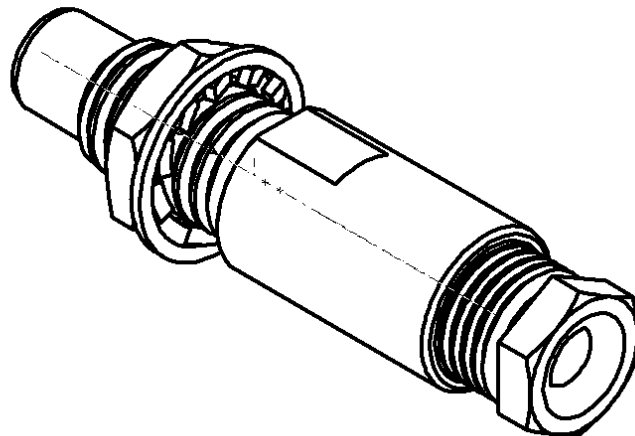
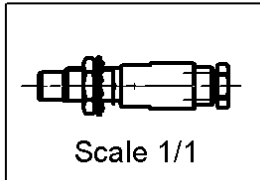
Series : SMC



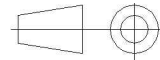
**PANEL CUT OUT**



mm		
	Maxi	mini
A	5	4.9
B	4.58	4.56



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	CHLOROPRENE	-
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0422 T

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



**RADIALL**®

**STRAIGHT BULKHEAD JACK CLAMP TYPE**

**R112.303.000**

**REAR MOUNT - CABLE 2/50 S**

Series : SMC

**PACKAGING**

Standard	Unit	Other
<b>1</b>	-	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-10</b> GHz
VSWR	<b>1.25</b> +	<b>0.040</b> x F(GHz) Maxi
Insertion loss		<b>0.125</b> √F(GHz) dB Maxi
RF leakage	- (	<b>62</b> - F(GHz) dB mini
Voltage rating		<b>250</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	2.50	1.20	4.50	4.50	0.00	0.00

Assembly instruction :

Recommended cable(s)

RG 178  
KX 21  
RG 196  
RG 178 LC

Cable retention

- pull off **58** N mini  
- torque **NA** 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>70</b>	N.cm
A/F clamp nut	<b>5.000</b>	mm

Mating life	<b>500</b>	Cycles mini
Weight	<b>2.800</b>	g

**OTHERS CHARACTERISTICS**

-

**ENVIRONMENTAL**

Operating temperature	<b>-55°/+100</b>	° C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

Issue : 0422 T

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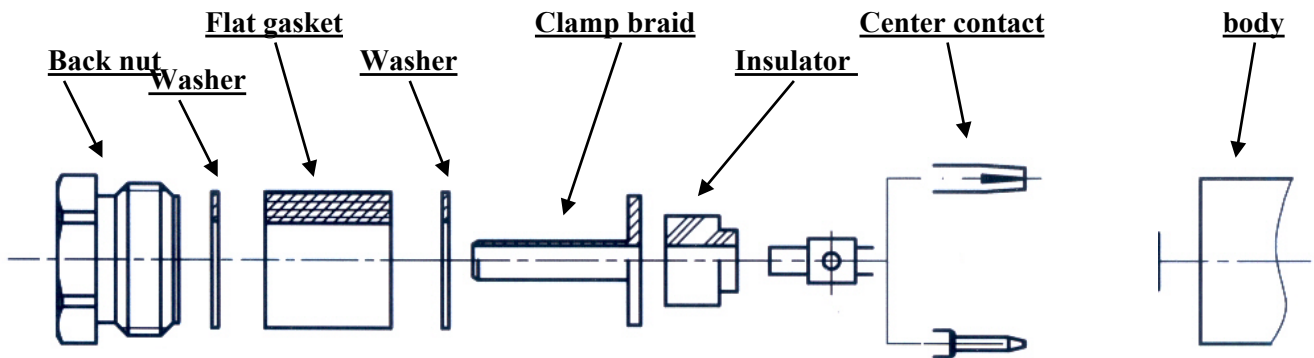
**RADIALL**®

**STRAIGHT BULKHEAD JACK CLAMP TYPE**

**R112.303.000**

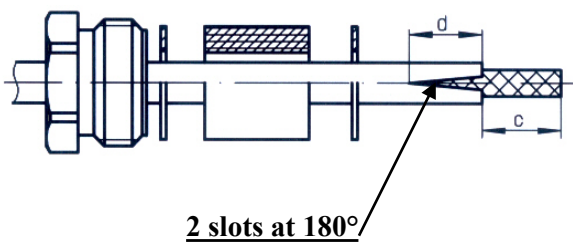
**REAR MOUNT - CABLE 2/50 S**

Series : SMC



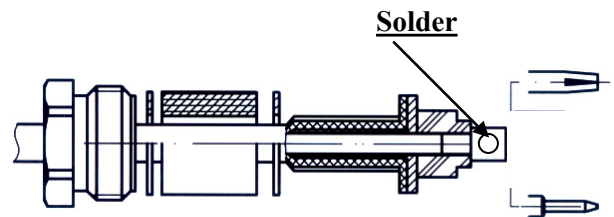
**1**

Slide the back nut, the washer 1, the flat gasket, the washer 2 onto the cable.  
Strip the cable.  
Cut 2 slots in the jacket if necessary.



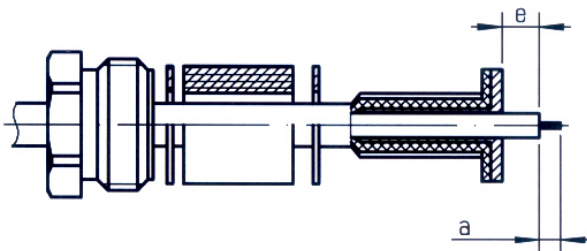
**3**

Slide the first insulator.  
Slide the center contact and solder.



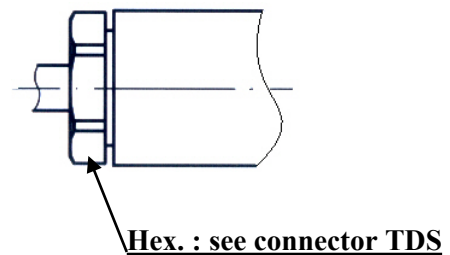
**2**

Slide the clamp braid sleeve.  
Cut the braid flush with the clamp braid sleeve.  
Strip off the diélectric.



**4**

Screw sub-assembly into the connector body with the adapted wrench.  
Recommended coupling torque ( see connector TDS ).



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