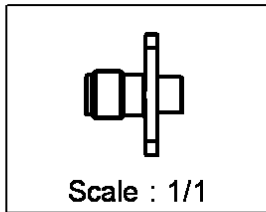
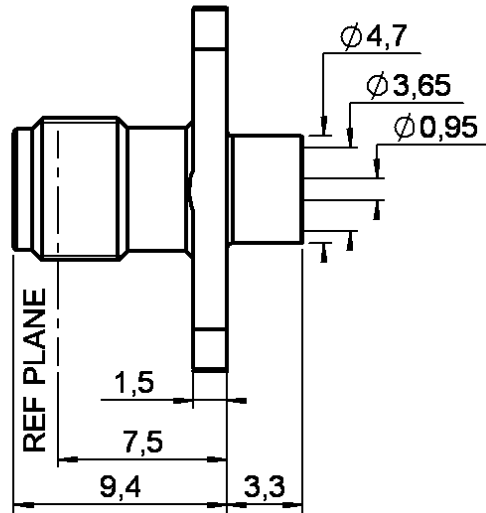
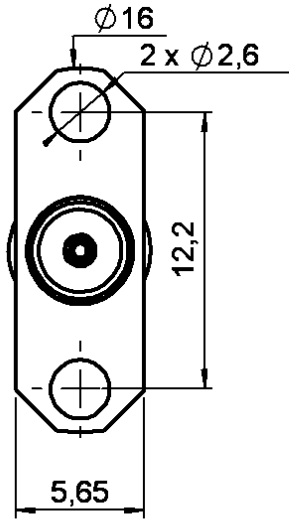


**STRAIGHT 2 HOLES FLANGE JACK SOLDER TYPE**

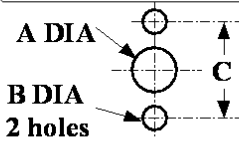
**R125.251.009**

**CABLE .141**

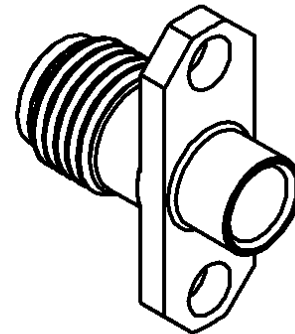
Series : SMA



**PANEL CUT OUT**



mm		
	Maxi	mini
A	6.6	6.5
B	2.7	2.6
C	12.25	12.15



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	STAINLESS STEEL	GOLD 1.3 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 2.54 OVER COPPER 2.54
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-
-	-	-

Issue : 0323 C

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



**STRAIGHT 2 HOLES FLANGE JACK SOLDER TYPE**

**R125.251.009**

**CABLE .141**

Series : SMA

**PACKAGING**

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

**SPECIFICATION**

**CABLE ASSEMBLY**

**ELECTRICAL CHARACTERISTICS**

Stripping	a	b	c	d	e	f
mm	3.17	0.00	0.00	0.00	0.00	0.00

Impedance		<b>50</b>	$\Omega$
Frequency		<b>0-18</b>	GHz
VSWR	<b>1.05</b> +	<b>0.008</b>	x F(GHz) Maxi
Insertion loss		<b>0.03</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (	<b>90</b>	- F(GHz)) dB Maxi
Voltage rating		<b>500</b>	Veff Maxi
Dielectric withstanding voltage		<b>1000</b>	Veff mini
Insulation resistance		<b>5000</b>	M $\Omega$ mini

Assembly instruction : **Solder 01**

Recommended cable(s)  
KS 2  
RG 402

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

**MECHANICAL CHARACTERISTICS**

**TOOLING**

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

Part Number	Description	Hexagon
R282.730.043	INSULATOR MOUNTING TOOL	
R282.915.010	DIELECTRIC RECESS TOOL	
R282.053.000	STRIPPING TOOL	
R282.067.000	POINTER GAUGE	
R282.740.000	SOLDERING MOUNTING	
R282.744.220	SOLDERING POSITIONER (C. CONTACT)	
R282.914.010	DIELECTRIC RECESS GAUGE	
R282.862.060	CONTROL GAUGE	
R282.744.011	SOLDERING POSITIONER (BODY)	
R282.120.010	SMA TOOLBOX	

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>0.000</b>	mm

Mating life		<b>500</b>	Cycles mini
Weight		<b>2.030</b>	g

**ENVIRONMENTAL**

Operating temperature		<b>-65/+105</b>	$^{\circ}$ C
Hermetic seal		<b>NA</b>	Atm.cm3/s
Panel leakage		<b>NA</b>	

**OTHERS CHARACTERISTICS**

Issue : 0323 C

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