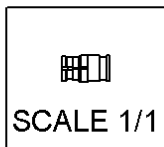
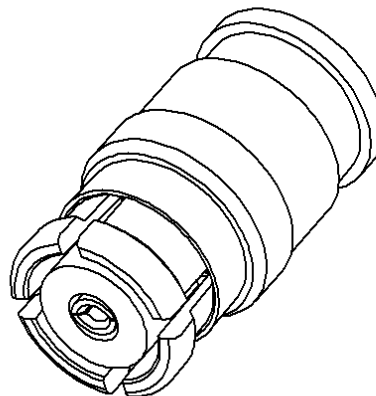
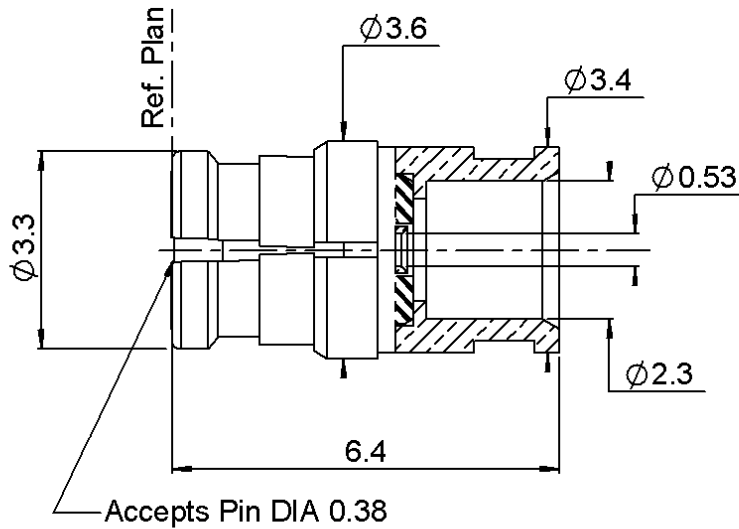


**FEMALE STRAIGHT PLUG SOLDER TYPE**

**R222.052.000**

**CABLE .085**

Series : SMP



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.27 OVER NICKEL 1.27
OUTER CONTACT	-	-
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
-	-	-
-	-	-

Issue : 0924 C

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



**FEMALE STRAIGHT PLUG SOLDER TYPE**

**R222.052.000**

**CABLE .085**

Series : SMP

**PACKAGING**

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

**SPECIFICATION**

**CABLE ASSEMBLY**

**ELECTRICAL CHARACTERISTICS**

Stripping	a	b	c	d	e	f
mm	1,30	0,00	0,00	0,00	0,00	0,00

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-40</b>	GHz
VSWR	<b>1.35 + 0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.12</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (	- F(GHz) dB mini
Voltage rating	<b>335</b>	Veff Maxi
Dielectric withstanding voltage	<b>500</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

Assembly instruction :

Recommended cable(s)  
KS 1  
RG 405

Cable retention

- pull off **200** 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
.	.	.
R282.051.000	STRIPPING TOOL	
R282.062.010	POINTER GAUGE	
R282.740.030	SOLDERING MOUNTING	
R282.743.120	POSITIONER FOR SOLDERING SMP	
R282.744.253	POSITIONER FOR SOLDERING SMP	
R282.862.050	SOLDER GAUGE THCK .012	

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>0,0000</b>	mm

Mating life	<b>100</b>	Cycles mini
Weight	<b>0,0900</b>	g

**OTHERS CHARACTERISTICS**

RF leakage:-80dB DC-3GHz  
-65dB 3-26.5GHz  
Compliant with MIL-STD-348

**ENVIRONMENTAL**

Operating temperature	<b>-65/+165</b>	$^{\circ}$ C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

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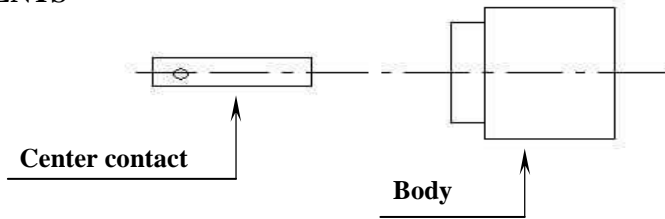
**FEMALE STRAIGHT PLUG SOLDER TYPE**

**R222.052.000**

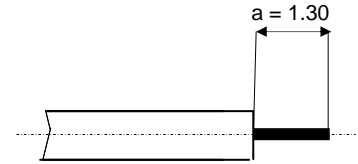
**CABLE .085**

Series : SMP

**COMPONENTS**



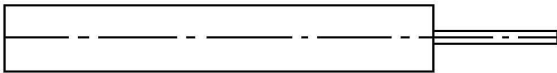
**STRIPPING CABLES**



We recommend a thermal preconditioning cable

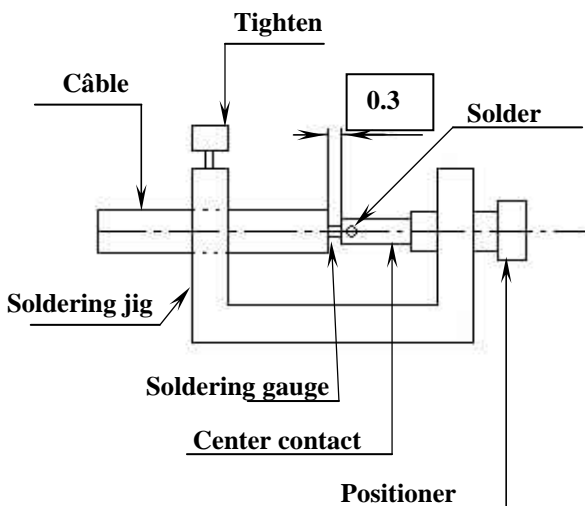
**1**

Strip the dielectric of the cable .  
Trim the cable.  
Clean the cable .  
Iron temperature not exceed 250°C



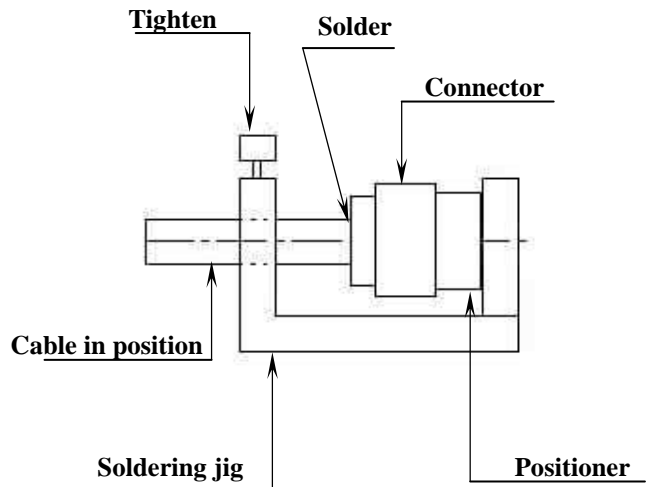
**2**

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.



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