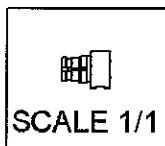
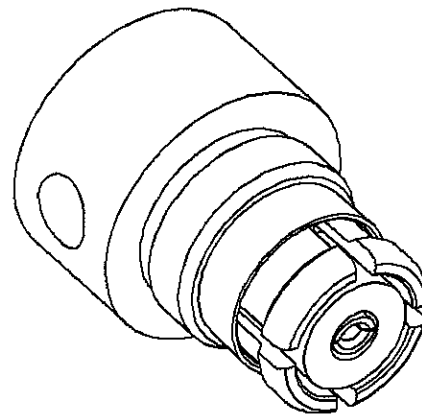
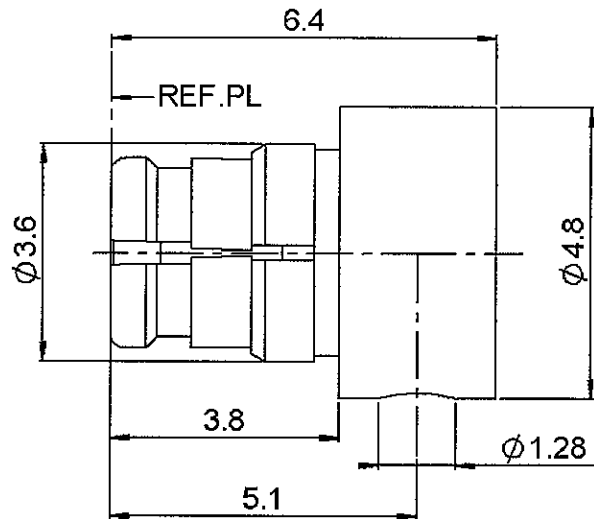


**FEMALE RIGHT ANGLE PLUG SOLDER TYPE**

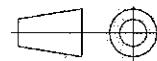
**R222.151.000**

**CABLE .047**

Series : SMP



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.27 OVER NICKEL 1.27
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	BERYLLIUM COPPER,BRASS	GOLD 1.3 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0606 C

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



**RADIALL**®

**FEMALE RIGHT ANGLE PLUG SOLDER TYPE**

**R222.151.000**

**CABLE .047**

Series : SMP

**PACKAGING**

Standard	Unit	Other
100	'W' option	Contact us

**SPECIFICATION**

**CABLE ASSEMBLY**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-26.5</b> GHz
VSWR	<b>1.35</b> +	<b>0.000</b> x F(GHz) Maxi
Insertion loss		<b>0.12</b> √F(GHz) dB Maxi
RF leakage	- (	* - F(GHz)) dB mini
Voltage rating		<b>270</b> Veff Maxi
Dielectric withstanding voltage		<b>400</b> Veff mini
Insulation resistance		<b>5000</b> MΩ mini

Stripping	a	b	c	d	e	f
mm	1.30	0.00	0.00	0.00	0.00	0.00

Assembly instruction :

Recommended cable(s)  
UT47 M17/151-00001

Cable retention

- pull off **45** N mini
- torque **NA** N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>6.7</b>	N mini
Axial force – Opposite end	<b>6.7</b>	N mini
Torque	<b>NA</b>	N.cm mini

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>100</b>	Cycles mini
Weight	<b>0.485</b>	g

**TOOLING**

Part Number	Description	Hexagon
R282.740.030	SOLDERING MOUNTING	
R282.743.120	POSITIONER FOR SOLDERING SMP	

**OTHERS CHARACTERISTICS**

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

**ENVIRONMENTAL**

Operating temperature	<b>-65/+165</b>	° C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

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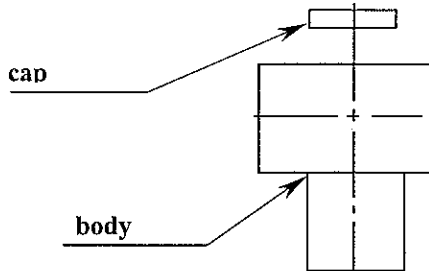
FEMALE RIGHT ANGLE PLUG SOLDER TYPE

**R222.151.000**

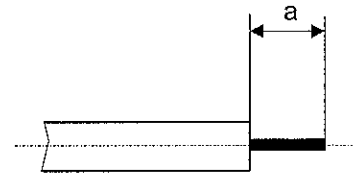
CABLE .047

Series : SMP

COMPONENT



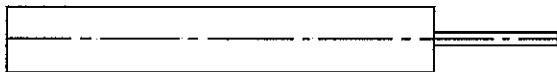
STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable

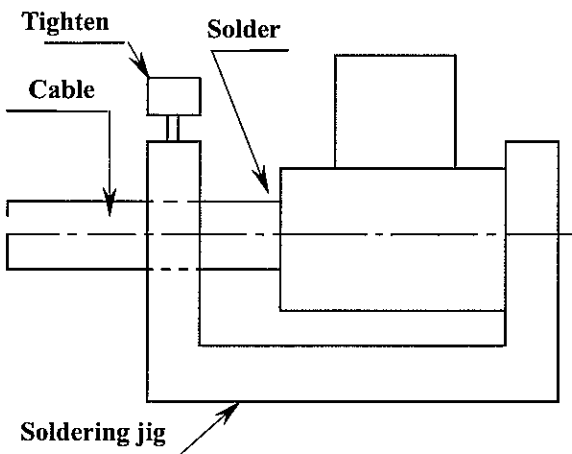
1

Strip the cable .  
Clean the cable .  
The iron temperature shall not exceed 250°C max



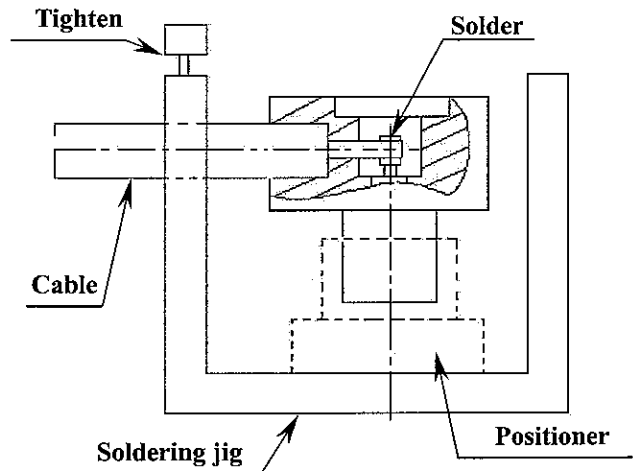
2

Slide the assembly in the soldering jig and tighten.  
Slide cable into connector until it bottoms against the body and tighten.  
Solder the body onto the cable .



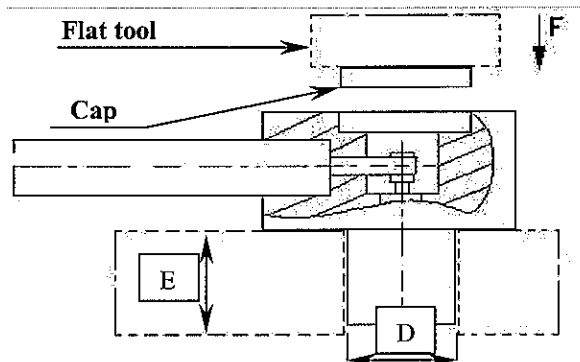
3

After cooling remove the cable assembly from the jig .  
Slide the body into the positioner until its bottoms against the positioner .  
Slide cable assembly into the jig and tighten.  
Solder the contact.  
After cooling remove cable assembly from the jig.



4

Place cable assembly into a dia D = 3.8 +/-0.1 and thickness E = 4 +/-0.1 .  
Place cable assembly below a flat pressing tool .  
Press-fit the cap until it bottoms against the body . (direction F)



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