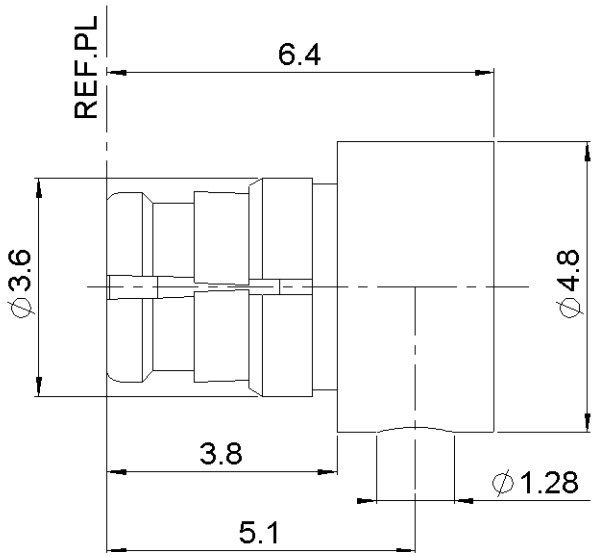
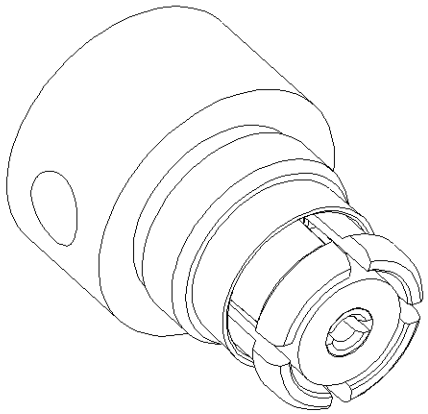
FEMALE RIGHT ANGLE PLUG SOLDER TYPE

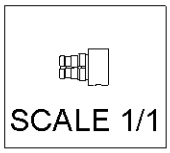
CABLE .047

R222.151.000

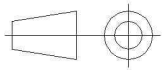
Series : **SMP**







All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	**BERYLLIUM COPPER**	**GOLD OVER NICKEL**
CENTER CONTACT	**BERYLLIUM COPPER**	**GOLD OVER NICKEL**
OUTER CONTACT	-	-
INSULATOR	**PTFE**	
GASKET	-	
OTHERS PARTS	**BERYLLIUM COPPER; BRASS**	**GOLD OVER NICKEL**
-	-	-
-	-	-

Issue : 1241 D

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

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FEMALE RIGHT ANGLE PLUG SOLDER TYPE

CABLE .047

R222.151.000

Series : **SMP**

PACKAGING

Standard	Unit	Other
100	**'W' option**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-26.5**	GHz
VSWR	**1.35 +**	**0.0000**	x F(GHz) Maxi
Insertion loss		**0.12**	√F(GHz) dB Maxi
RF leakage	**- (**	*****	- F(GHz)) dB Maxi
Voltage rating		**270**	Veff Maxi
Dielectric withstanding voltage		**400**	Veff mini
Insulation resistance		**5000**	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**6.7**	N mini
Axial force – Opposite end	**6.7**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**NA**	N.cm
Clamp nut	**NA**	N.cm
A/F clamp nut	**0.0000**	mm
Mating life	**100**	Cycles mini
Weight	**0.4850**	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

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

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

TOOLING

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

OTHER CHARACTERISTICS

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

Issue : 1241 D

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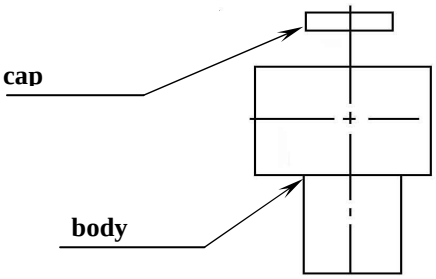
FEMALE RIGHT ANGLE PLUG SOLDER TYPE

CABLE .047

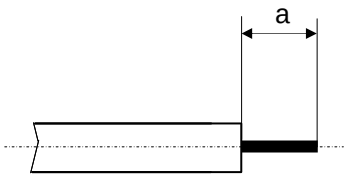
R222.151.000

Series : **SMP**

COMPONENT



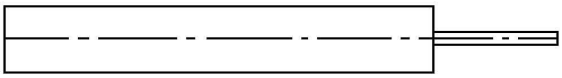
STRIPPING DIMENSIONS



We recommend a thermal preconditionning cable

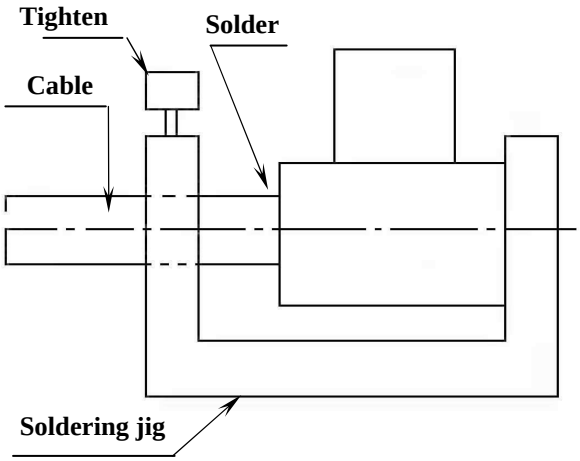
1

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



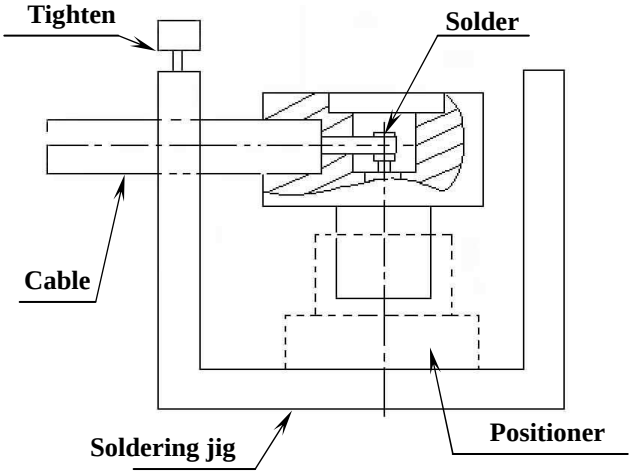
2

SlidInsert 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 .



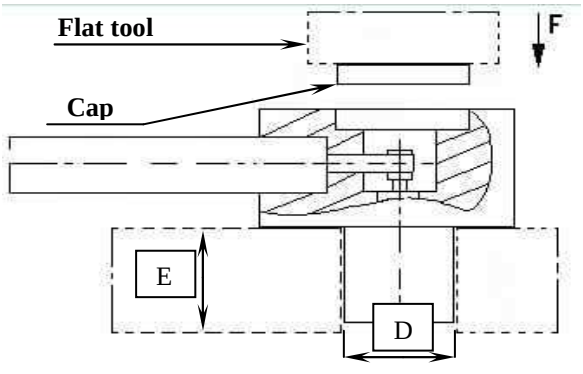
3

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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