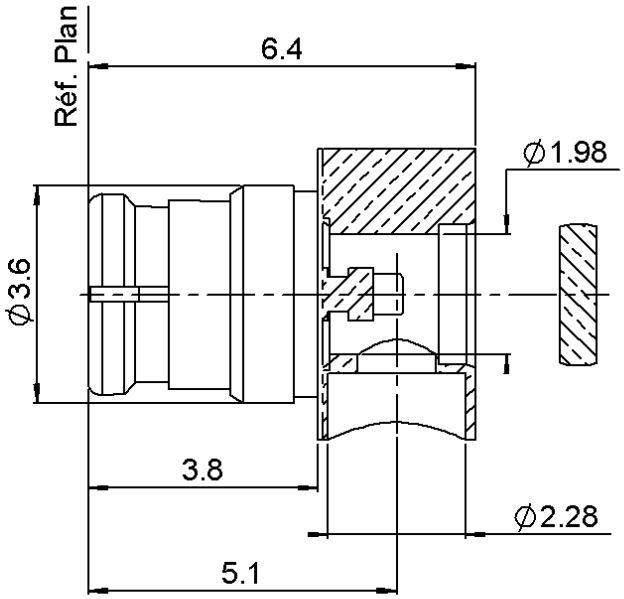
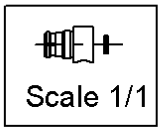
FEMALE RIGHT ANGLE PLUG SOLDER TYPE

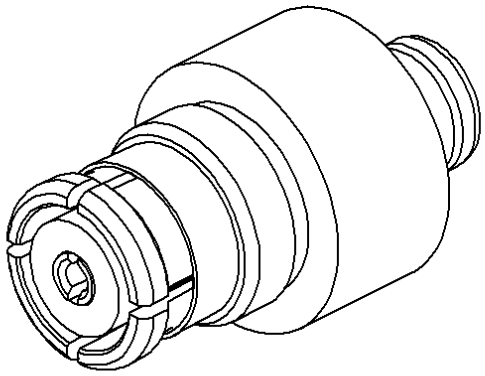
CABLE .085

R222.152.000

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.

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FEMALE RIGHT ANGLE PLUG SOLDER TYPE

CABLE .085

R222.152.000

Series : **SMP**

PACKAGING

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

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-26.5**	GHz
VSWR	**1.35 +**	**0.000**	x F(GHz) Maxi
Insertion loss		**0.12**	√F(GHz) dB Maxi
RF leakage	**- (**	*****	- F(GHz)) dB mini
Voltage rating		**335**	Veff Maxi
Dielectric withstanding voltage		**500**	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	**0.000**	mm
Mating life	**100**	Cycles mini
Weight	**0.453**	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)
KS 1
RG 405

Cable retention

- pull off	**200**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.740.030	SOLDERING MOUNTING	
R282.743.120	POSITIONER FOR SOLDERING SMP	
R282.051.000	STRIPPING TOOL	
R282.062.010	POINTER GAUGE	

OTHERS CHARACTERISTICS

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

Issue : 0606 C

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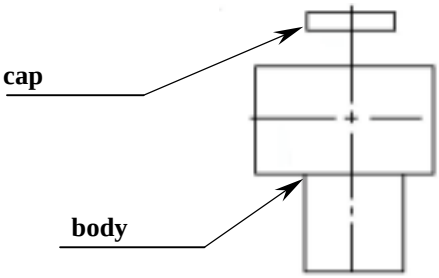
FEMALE RIGHT ANGLE PLUG SOLDER TYPE

CABLE .085

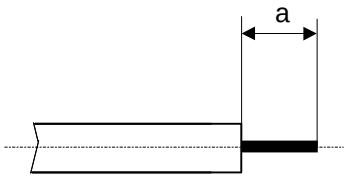
R222.152.000

Series : **SMP**

COMPONENT



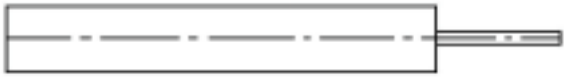
STRIPPING CABLES



We recommend a thermal preconditionning cable

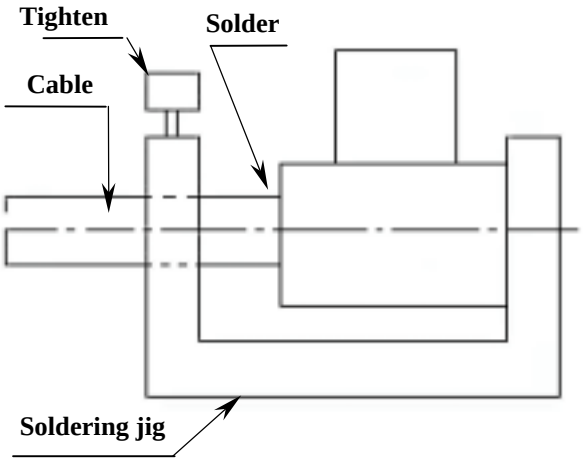
1

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



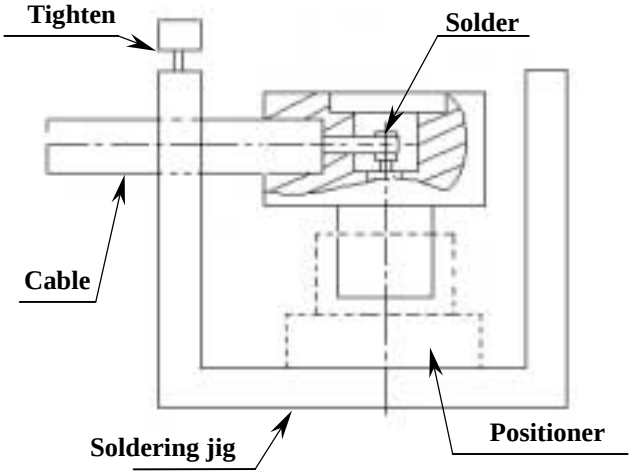
2

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



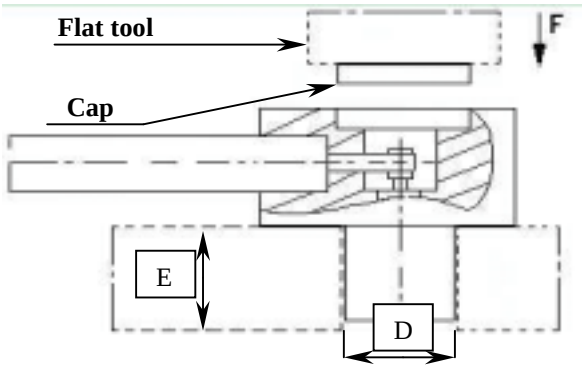
3

After cooling remove the cable assembly from the jig .
Slide the body into the positioner until its bottoms againsr the positioner
Slide cable assembly onto the jig .
Tighten and 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 above a flat pressing tool .
To fit the cap until it bottoms againts the body .
(direction F)



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