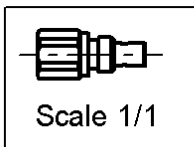
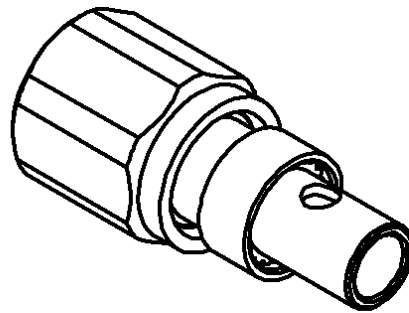
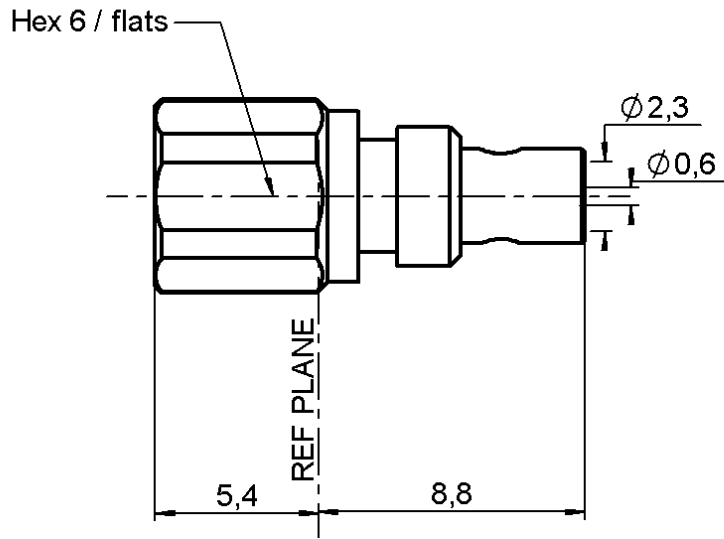


**STRAIGHT PLUG SOLDER TYPE**

**R112.053.000**

**CABLE .085**

Series : SMC



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0040 N

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



**STRAIGHT PLUG SOLDER TYPE**

**R112.053.000**

**CABLE .085**

Series : SMC

**PACKAGING**

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

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-10</b> GHz
VSWR	<b>1.10 +</b>	<b>0.025</b> x F(GHz) Maxi
Insertion loss		<b>0.125</b> √F(GHz) dB Maxi
RF leakage	- (	<b>62</b> - F(GHz)) dB mini
Voltage rating		<b>250</b> Veff Maxi
Dielectric withstanding voltage		<b>750</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	3.00	1.00	0.00	0.00	0.00	0.00

Assembly instruction :

Recommended cable(s)  
RG 405  
KS 1

Cable retention

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

**MECHANICAL CHARACTERISTICS**

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

**TOOLING**

Part Number	Description	Hexagon
.	.	.

**OTHERS CHARACTERISTICS**

Recommended torque		
Mating		<b>30</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>3.000</b> g

**ENVIRONMENTAL**

Operating temperature		<b>-65/+105</b> °C
Hermetic seal		<b>NA</b> Atm.cm3/s
Panel leakage		<b>NA</b>

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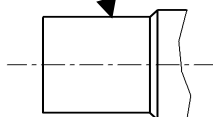
Series : SMC

**COMPONENTS**

CENTER CONTACT



BODY



**STRIPPING DIMENSIONS**



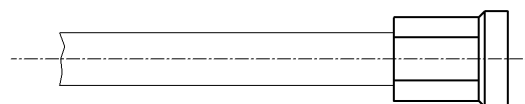
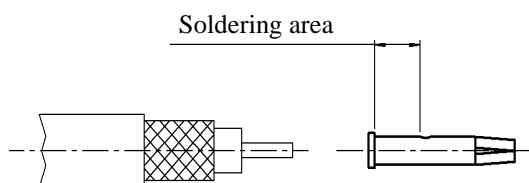
1

- Strip off the outer conductor and the dielectric
- Solder the contact

NOTE : In order to ensure correct positioning of the contact it is recommended that a receptacle is fitted to the plug prior to soldering the body.

2

- Put the assembly into the body.
- Solder the body on the semi-rigid cable.



Issue : 0040 N

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