

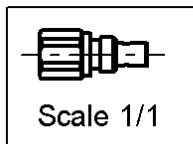
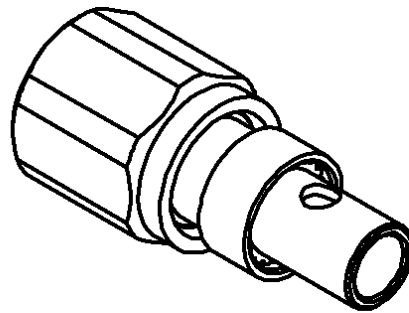
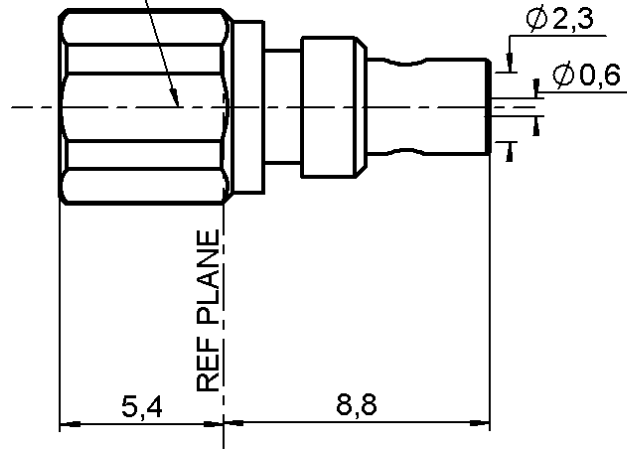
STRAIGHT PLUG SOLDER TYPE

R112.053.000

CABLE .085

Series : SMC

Hex 6 / flats



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.



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R112.053.000**CABLE .085**

Series : SMC

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-10	GHz
VSWR	1.10 + 0.025	x F(GHz) Maxi
Insertion loss	0.125	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (62)	- F(GHz)) dB mini
Voltage rating	250	Veff Maxi
Dielectric withstanding voltage	750	Veff mini
Insulation resistance	1000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	NA N mini
Axial force – Opposite end	NA N mini
Torque	NA N.cm mini

Recommended torque	
Mating	30 N.cm
Panel nut	NA N.cm
Clamp nut	NA N.cm
A/F clamp nut	0.000 mm

Mating life	500 Cycles mini
Weight	3.000 g

ENVIRONMENTAL

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

SPECIFICATION**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

TOOLING

Part Number	Description	Hexagon
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OTHERS CHARACTERISTICS

-

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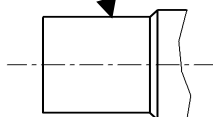
Series : SMC

COMPONENTS

CENTER CONTACT



BODY



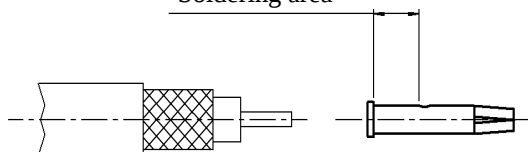
STRIPPING DIMENSIONS

**1**

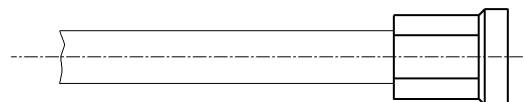
- Strip off the outer conductor and the dielectric
- Solder the contact

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.

Soldering area

**2**

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

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