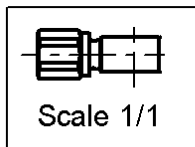
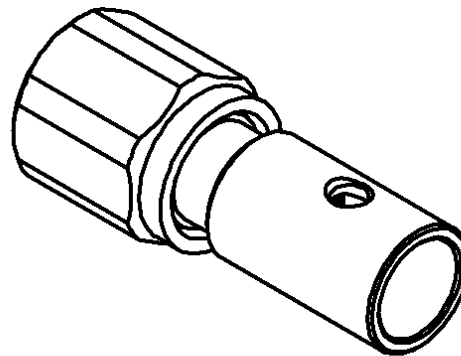
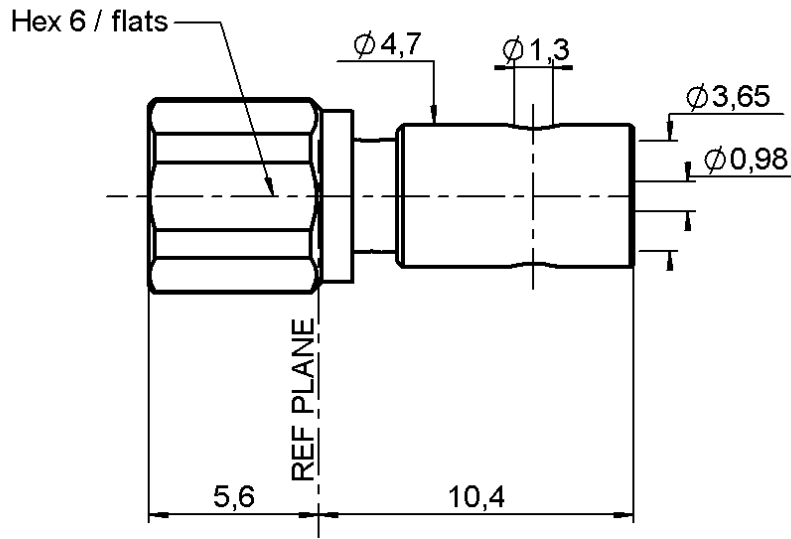


STRAIGHT PLUG SOLDER TYPE

R112.054.000

CABLE .141

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	HOUSING FOR RIGHT ANGLE PLUG	HOUSING FOR RIGHT ANGLE PLUG
INSULATOR	PTFE	
GASKET	HOUSING FOR RIGHT ANGLE PLUG	
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0050 Q

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



STRAIGHT PLUG SOLDER TYPE

R112.054.000

CABLE .141

Series : SMC

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

CABLE ASSEMBLY

ELECTRICAL CHARACTERISTICS

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

Impedance		50	Ω
Frequency		0-10	GHz
VSWR	1.25 * +	0.000	x F(GHz) Maxi
Insertion loss		0.125	\sqrt{F} (GHz) dB Maxi
RF leakage	- (62	- F(GHz)) dB mini
Voltage rating		335	Veff Maxi
Dielectric withstanding voltage		1000	Veff mini
Insulation resistance		1000	M Ω mini

Assembly instruction :

Recommended cable(s)
RG 402
KS 2

Cable retention

- pull off **500** N mini
- torque **NA** N.cm

MECHANICAL CHARACTERISTICS

TOOLING

Center contact retention			
Axial force – Mating end		NA	N mini
Axial force – Opposite end		10	N mini
Torque		NA	N.cm mini

Part Number	Description	Hexagon
.	.	.

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

*Max at 10 Ghz

Mating life		500	Cycles mini
Weight		0.000	g

ENVIRONMENTAL

Operating temperature		-65/+105	$^{\circ}$ C
Hermetic seal		NA	Atm.cm ³ /s
Panel leakage		NA	

Issue : 0050 Q

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STRAIGHT PLUG SOLDER TYPE

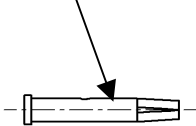
R112.054.000

CABLE .141

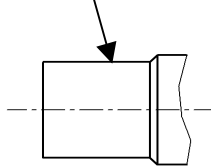
Series : SMC

COMPONENTS

CENTER CONTACT



BODY



STRIPPING DIMENSIONS



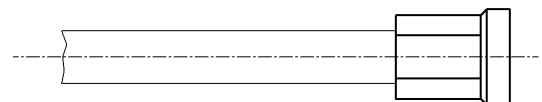
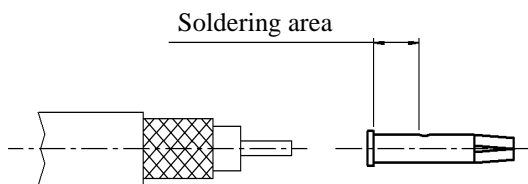
1

- 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 : 0050 Q

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