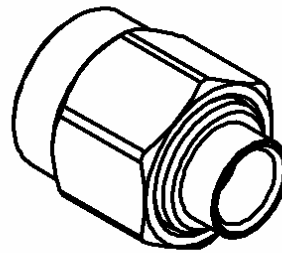
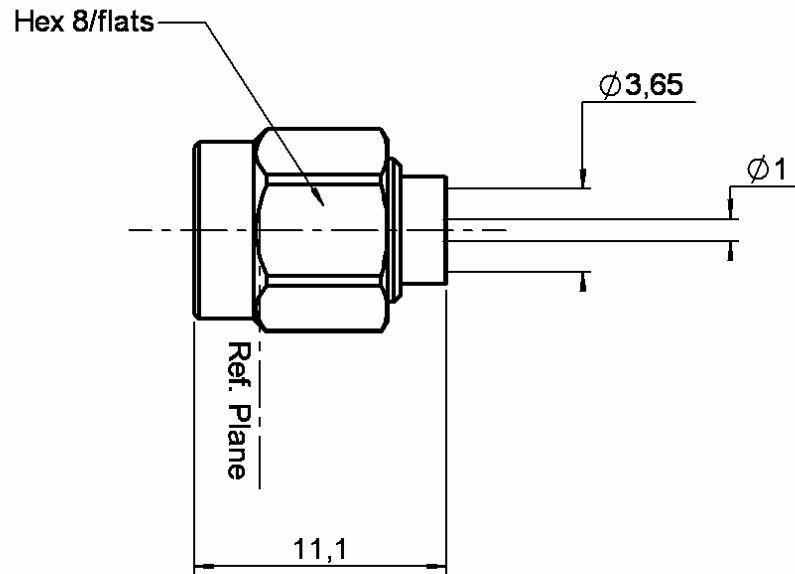


STRAIGHT PLUG SOLDER TYPE

R125.055.002

CABLE .141

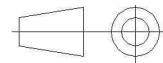
Series : SMA



Scale : 1/1

CECC 22111-802.02

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	INOX	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	PASSIVATED.
OTHERS PARTS	INOX	-
-	-	-
-	-	-

Issue : 1208 F

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

RADIAL 

STRAIGHT PLUG SOLDER TYPE

R125.055.002

CABLE .141

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-27	GHz
VSWR	1.05 + 0,0080	x F(GHz) Maxi
Insertion loss	0.03	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (90	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	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	100 N.cm
Panel nut	NA N.cm
Clamp nut	NA N.cm
A/F clamp nut	0,0000 mm

Mating life	500 Cycles mini
Weight	2,2260 g

ENVIRONMENTAL

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

SPECIFICATIONCABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	3,17	0,00	0,00	0,00	0,00	0,00

Assembly instruction : **Solder 01**

Recommended cable(s)

RG 402

KS 2

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	270 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.120.010	SMA TOOLBOX	
R282.053.000	STRIPPING TOOL	-
R282.067.000	POINTER GAUGE	
R282.730.040	INSULATOR MOUNTING TOOL	
R282.740.000	SOLDERING MOUNTING	
R282.744.061	SOLDERING POSITIONER (BODY)	
R282.744.220	SOLDERING POSITIONER(CENTER CONTACT)	
R282.862.060	CONTROL GAUGE	
R282.914.000	CONTROLE GAUGE	
R282.915.010	DIELECTRIC RECESS TOOL	

Issue : 1208 F

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

