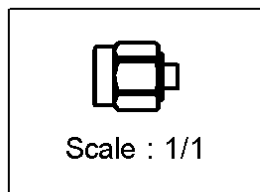
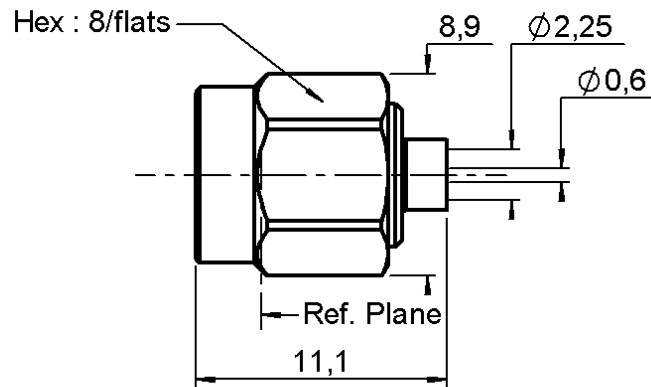


STRAIGHT PLUG SOLDER TYPE

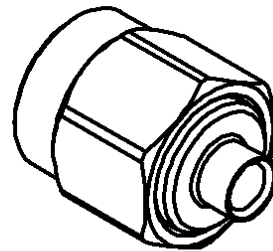
CABLE .085

R125.052.002

Series : SMA

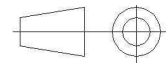


Scale : 1/1



CECC 22111-802-04

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	INOX	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	PASSIVATED
OTHERS PARTS	INOX	-
-	-	-
-	-	-

Issue : 1045 C

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



STRAIGHT PLUG SOLDER TYPE

R125.052.002

CABLE .085

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.07 + 0,0080	x F(GHz) Maxi
Insertion loss	0.03	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (90	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	750	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	2,3000 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	3,17	0,00	0,00	0,00	0,00	0,00

Assembly instruction : **Solder 01**

Recommended cable(s)
 RG 405
 KS 1

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	130 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.120.010	SMA TOOLBOX	
R282.051.000	STRIPPING TOOL	
R282.063.000	POINTER GAUGE	
R282.730.040	INSULATOR MOUNTING TOOL	
R282.740.000	SOLDERING MOUNTING	
R282.744.060	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	

OTHERS CHARACTERISTICS

Issue : 1045 C

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

**RADIALL**®

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Radial:](#)

[R125052002W](#)