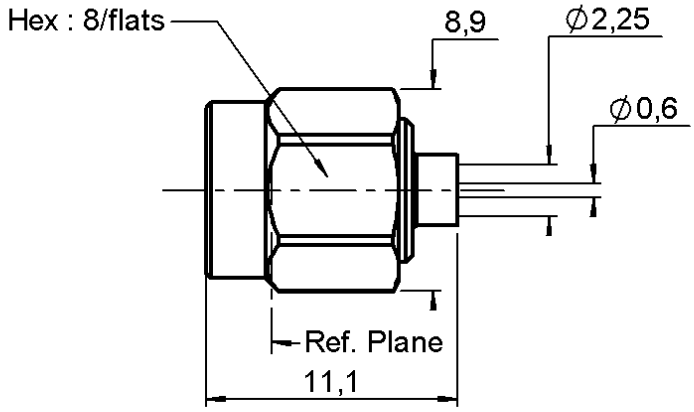
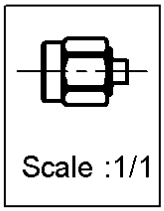
STRAIGHT PLUG SOLDER TYPE

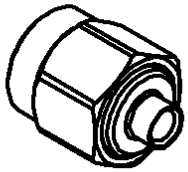
CABLE .085

R125.052.000

Series : **SMA**







CECC 22111-802-03

All dimensions are in mm.

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

Issue : 0122 M

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

RADIALL®

STRAIGHT PLUG SOLDER TYPE

CABLE .085

R125.052.000

Series : **SMA**

PACKAGING

Standard	Unit	Other
100	**'W' option**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-18**	GHz
VSWR	**1.07** +	**0.008**	x F(GHz) Maxi
Insertion loss		**0.03**	√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**	MΩ 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	**0.000**	mm
Mating life	**500**	Cycles mini
Weight	**2.300**	g

ENVIRONMENTAL

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

SPECIFICATION

4051 695 - -

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)
KS 1
RG 405

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 C. CONTACT)	
R282.862.060	CONTROL GAUGE	
R282.914.000	CONTROLE GAUGE	
R282.915.010	DIELECTRIC RECESS TOOL	

OTHERS CHARACTERISTICS

Issue : 0122 M

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