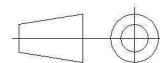


CECC 22111-802-04

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
Center contact	BRASS	GOLD 1.3 OVER NICKEL2
Outer contact	-	-
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Others parts	STAINLESS STEEL	PASSIVATED.
-	-	-
-	-	-

PAGE 2/2 ISSUE 1427C SERIES SMA PART NUMBER R125052002

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-27	GHz
VSWR	1.07	+ 0.0080
Insertion loss		0.03
RF leakage	- (90
Voltage rating		335
Dielectric withstand voltage		750
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	0,0000	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	0	0	0	0

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
- torque

130 N mini
NA N.cm

TOOLING

Part Number	Description	Hexagon
R282120010	SMA TOOLBOX	
R282051000	STRIPPING TOOL	
R282063000	POINTER GAUGE	
R282730040	INSULATOR MOUNTING TOOL	
R282740000	SOLDERING MOUNTING	
R282744060	SOLDERING POSITIONER (BODY)	
R282744220	SOLDERING POSITIONER(CENTER CONTACT)	
R282862060	CONTROL GAUGE	
R282914000	CONTROLE GAUGE	
R282915010	DIELECTRIC RECESS TOOL	

OTHER CHARACTERISTICS

Mouser Electronics

Authorized Distributor

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

[Radiall](#):

[R125052002](#)