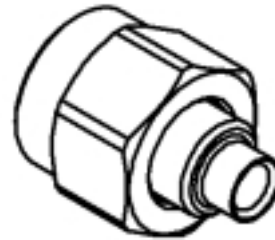
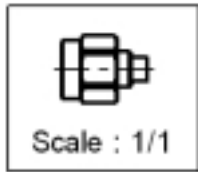
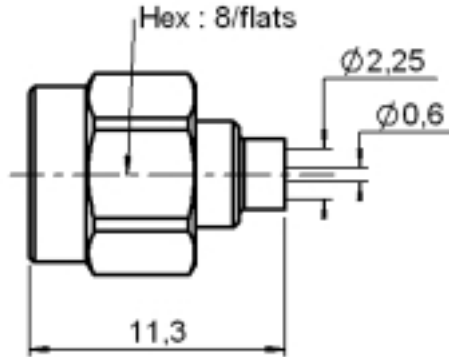


**STRAIGHT PLUG SOLDER TYPE**  
**REMOVABLE CAP - CABLE .085**

**R125.052.500**

Series : SMA



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 : 9840 D

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



**STRAIGHT PLUG SOLDER TYPE**

**REMOVABLE CAP - CABLE .085**

**R125.052.500**

Series : SMA

**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	3.17	0.00	0.00	0.00	0.00	0.00

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b>	$\Omega$
Frequency		<b>0-18</b>	GHz
VSWR	<b>1.07</b> +	<b>0.008</b>	x F(GHz) Maxi
Insertion loss		<b>0.03</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (	<b>90</b>	- F(GHz)) dB Maxi
Voltage rating		<b>335</b>	Veff Maxi
Dielectric withstanding voltage		<b>750</b>	Veff mini
Insulation resistance		<b>5000</b>	M $\Omega$ mini

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

**MECHANICAL CHARACTERISTICS**

Center contact retention			
Axial force – Mating end		<b>NA</b>	N mini
Axial force – Opposite end		<b>NA</b>	N mini
Torque		<b>NA</b>	N.cm mini

Recommended torque			
Mating		<b>100</b>	N.cm
Panel nut		<b>NA</b>	N.cm
Clamp nut		<b>NA</b>	N.cm
A/F clamp nut		<b>0.000</b>	mm

Mating life		<b>500</b>	Cycles mini
Weight		<b>1.800</b>	g

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.120.010	SMA TOOLBOX	
R282.063.000	POINTER GAUGE	
R282.051.000	STRIPPING TOOL	
R282.914.000	CONTROLE GAUGE	
R282.730.040	INSULATOR MOUNTING TOOL	
R282.744.220	SOLDERING POSITIONER (CENTER CONTACT)	
R282.740.000	SOLDERING MOUNTING	
R282.862.060	CONTROL GAUGE	MARK 61
R282.744.060	SOLDERING POSITIONER (BODY)	

**ENVIRONMENTAL**

Operating temperature		<b>-65/+105</b>	$^{\circ}$ C
Hermetic seal		<b>NA</b>	Atm.cm3/s
Panel leakage		<b>NA</b>	

**OTHERS CHARACTERISTICS**

**SPECIFICATION**

Issue : 9840 D

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