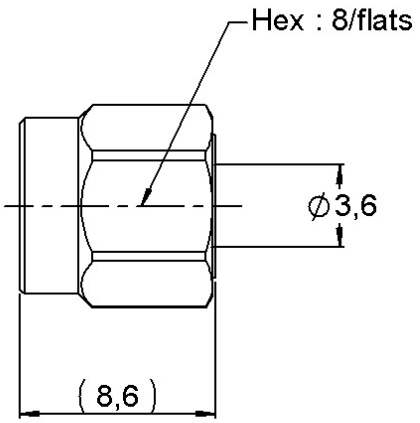
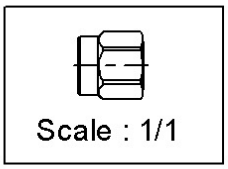
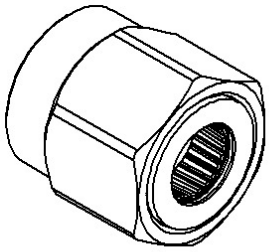
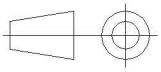
PAGE **1/3**	ISSUE **10-06-26A**	SERIES **SMA**	PART NUMBER **R125055941**







All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (µm)
Body	**STAINLESS STEEL.**	**PASSIVATED**
Center contact	**BERYLLIUM COPPER**	**GOLD OVER NICKEL**
Outer contact	**-**	**-**
Insulator	**PTFE**	
Gasket	**SILICONE RUBBER**	
Others parts	**STAINLESS STEEL.**	**PASSIVATED**
-	-	-
-	-	-

PAGE **2/3**	ISSUE **10-06-26A**	SERIES **SMA**	PART NUMBER **R125055941**

PACKAGING

Standard	Unit	Other
100	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-26.5**	GHz
VSWR	**1.05**	**+**	**0,0100**	x F(GHz) Maxi
Insertion loss			**0.03**	√F(GHz) dB Maxi
RF leakage	- (		**60**	- F(GHz)) dB Maxi
Voltage rating			**500**	Veff Maxi
Dielectric withstanding voltage			**1000**	Veff mini
Insulation resistance			**5000**	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	**15**	N mini
Axial force – Opposite end	**15**	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
Nominal Weight (Add +15% for max weight)	**2,1**	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	**2,17**	**0**	**0**	**0**	**0**	**0**

Assembly instruction:

Recommended cable(s)

RG 402

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

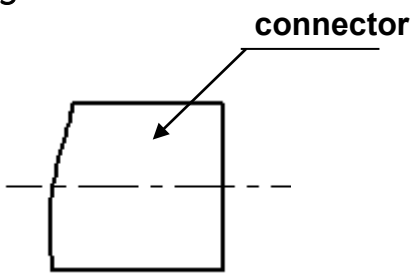
- pull off	**270**	N mini
- torque	**NA**	N.cm

TOOLING

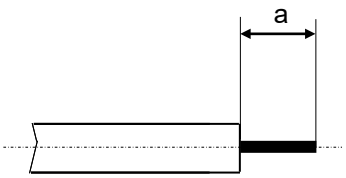
Part Number	Description	Other
R282286000	CRIMPING TOOL	-
R282711000	GUIDE .141	
R282053000	STRIPPING TOOL .141	
R282066000	POINTER GAUGE CAB .141 STRIPPING 2.17	
R282700010	POSITIONER	

OTHER CHARACTERISTICS

COMPONENTS



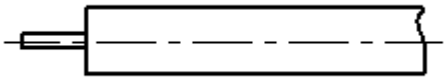
STIPPING DIMENSIONS



We recommend a cable thermal preconditioning before assembly

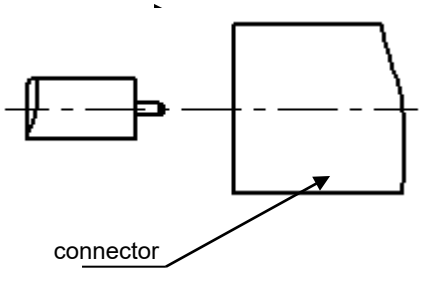
1

-Strip the cable.with the cable stripping tool
-Trim the cable inner conductor with the trimmer.
-Clean the cable



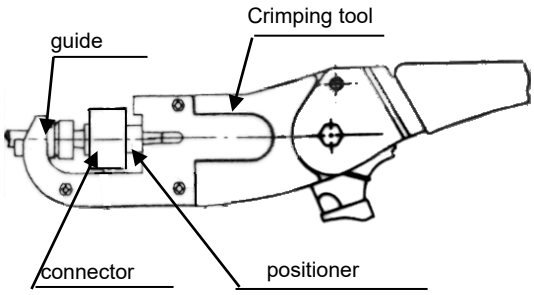
2

-Slide connector onto the cable



3

Insert the connector and the cable on the crimping tool with guide and positioner.
A pneumatic crimping tool exist too that can be used



4

-Press the connector on the cable.