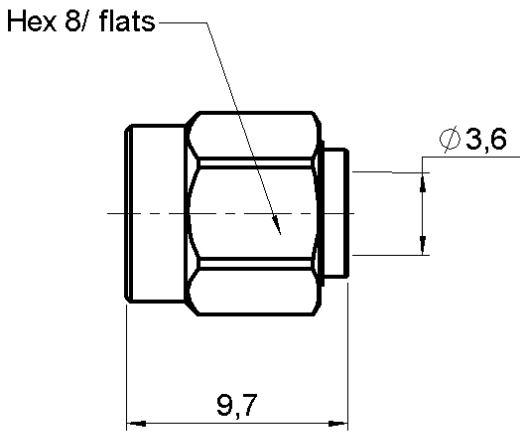
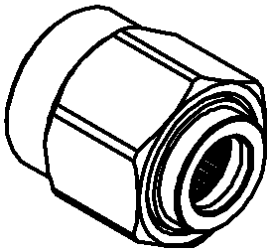
STRAIGHT PLUG CRIMP TYPE

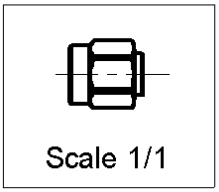
CABLE .141

R125.054.901

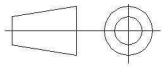
Series : **SMA**







All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	**STAINLESS STELL**	**PASSIVATED**
CENTER CONTACT	-	-
OUTER CONTACT	-	-
INSULATOR	-	
GASKET	**SILICONE RUBBER**	
OTHERS PARTS	**STAINLESS STELL**	**PASSIVATED**
-	-	-
-	-	-

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STRAIGHT PLUG CRIMP TYPE

CABLE .141

R125.054.901

Series : **SMA**

PACKAGING

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

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-18**	GHz
VSWR	**1.05** +	**0,0080**	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	**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	**2,5000**	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2,16	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
RG 402
KS 2

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	Hexagon
.	.	.
R282.053.000	STRIPPING TOOL	-
R282.066.000	POINTER GAUGE	-
R282.286.000	CRIMPING TOOL	-
R282.701.000		-
R282.711.000	GUIDE	-

OTHER CHARACTERISTICS

-

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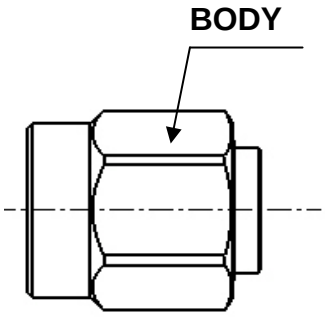
STRAIGHT PLUG CRIMP TYPE

CABLE .141

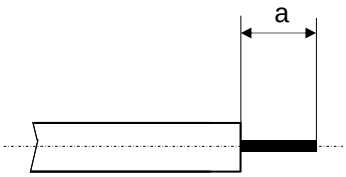
R125.054.901

Series : **SMA**

COMPONENTS

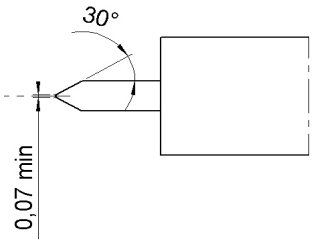


STIPPING DIMENSIONS



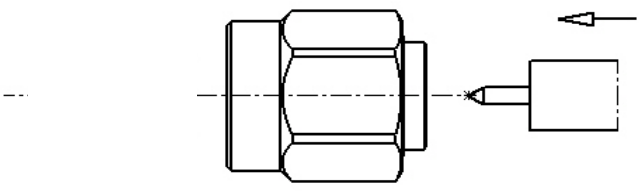
1

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



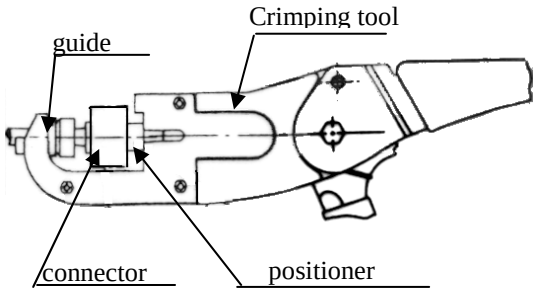
2

-Slide connector onto the cable



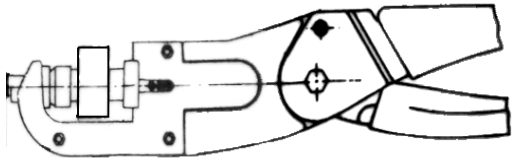
3

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.



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