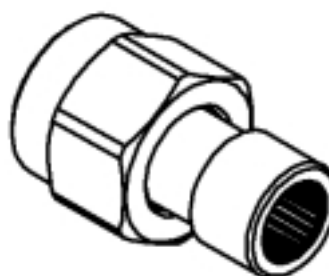
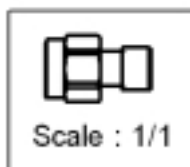
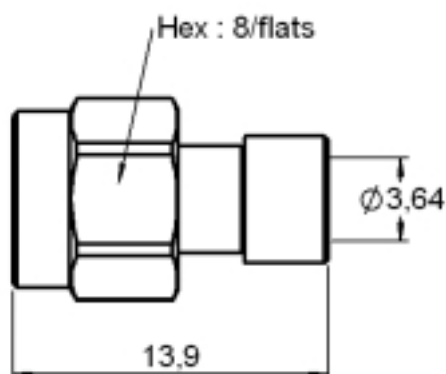


STRAIGHT PLUG CRIMP TYPE**R125.055.900****CABLE .141****Series : SMA**

All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2 µm
CENTRE CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2 µm
OUTER CONTACT	-	- µm
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2 µm
-	-	-
-	-	-



Edition : 9840 B

Design changes may be in order to improve the product.

STRAIGHT PLUG CRIMP TYPE**R125.055.900****CABLE .141**Series : **SMA****ELECTRICAL CHARACTERISTICS**

Impedance	50 Ω
Frequency	0-18 GHz
VSWR	1.05 + 0.010 x F(GHz) Maxi
Insertion loss	0.03 √F(GHz) dB
RF leakage	- (60 - F(GHz)) dB mini
Operating temperature	-65/+105 °C
Voltage rating	500 Veff Maxi
Dielectric withstanding	1000 Veff mini
Insulation resistance	5000 MΩ mini

SPECIFICATION

Stripping	a	b	c	d	e	f
mm	2.16	0.00	0.00	0.00	0.00	0.00

Assembly instruction :

Recommended cables

RG 402

KS 2

Cable retention

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

MECHANICAL CHARACTERISTICS

Centre contact retention	
Axial force – Mating end	27 N mini
Axial force – Opposite end	27 N mini
Torque	2.8 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	2.700 g

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.255.000	PNEUMATIC CRIMPING TOOL	
R282.053.000	STRIPPING TOOL	
R282.066.000	POINTER GAUGE	
R282.711.000	GUIDE	
R282.286.000	CRIMPING TOOL	-
R282.702.000	POSITIONER	-

OTHERS CHARACTERISTICS

-

ENVIRONMENTAL

Hermetic seal	NA Atm.cm3/s
Leakage – pressurised only	NA Mpa

**Edition : 9840 B**

Design changes may be in order to improve the product.

Mouser Electronics

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