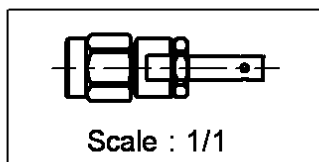
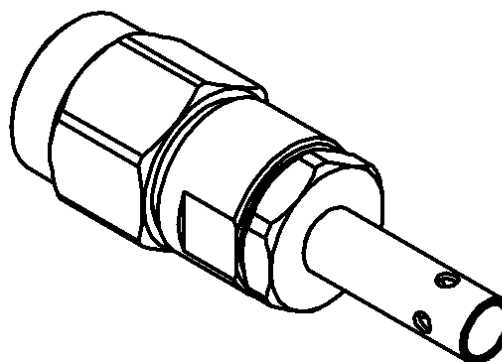
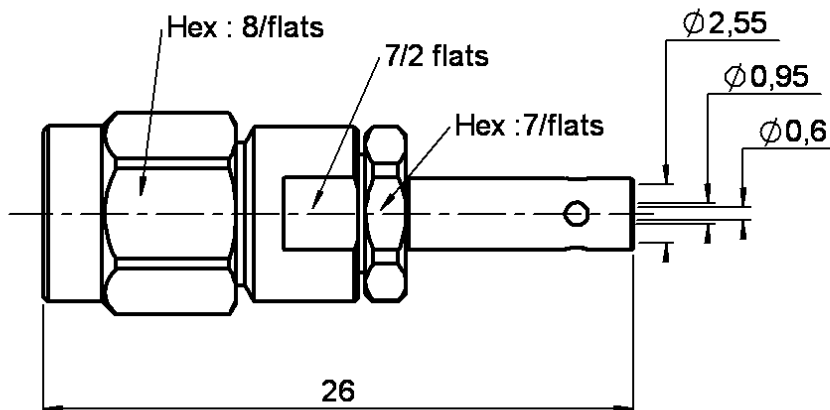


STRAIGHT PLUG CRIMP OR SOLDER TYPE
R125.069.000
CABLE 2/50 S

Series : SMA



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2 μm
CENTRE CONTACT	BRASS	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 OR SOLDER TYPE**R125.069.000****CABLE 2/50 S**Series : **SMA****ELECTRICAL CHARACTERISTICS**

Impedance	50 Ω
Frequency	0-12.4 GHz
VSWR	1.20 + 0.025 x F(GHz) Maxi
Insertion loss	0.06 √F(GHz) dB
RF leakage	- (60 - F(GHz)) dB mini
Operating temperature	-65/+165 ° C
Voltage rating	170 Veff Maxi
Dielectric withstanding	500 Veff mini
Insulation resistance	5000 MΩ mini

SPECIFICATION

Stripping	a	b	c	d	e	f
mm	3.50	7.00	13.5	0.00	10.0	0.00

Assembly instruction : **Crimp 10**

Recommended cables

RG 178

KX 21

RG 196

RG 178 LC

Cable retention

- pull off **45** 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	NA N.cm mini

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.235.003	CRIMPING DIES	2.67
R282.211.000	CRIMPING TOOL	2.67
R282.293.000	CRIMPING TOOL	-

Recommended torque

Mating	100 N.cm
Panel nut	NA N.cm
Clamp nut	120 N.cm
A/F clamp nut	7.000 mm

OTHERS CHARACTERISTICS

Mating life	500 Cycles mini
Weight	0.000 g

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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