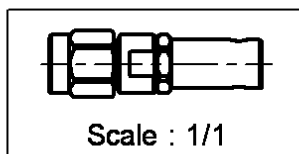
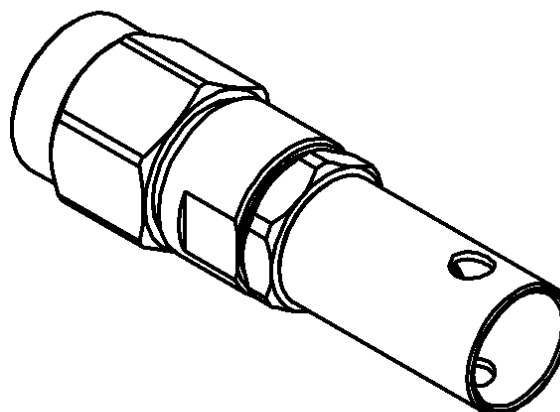
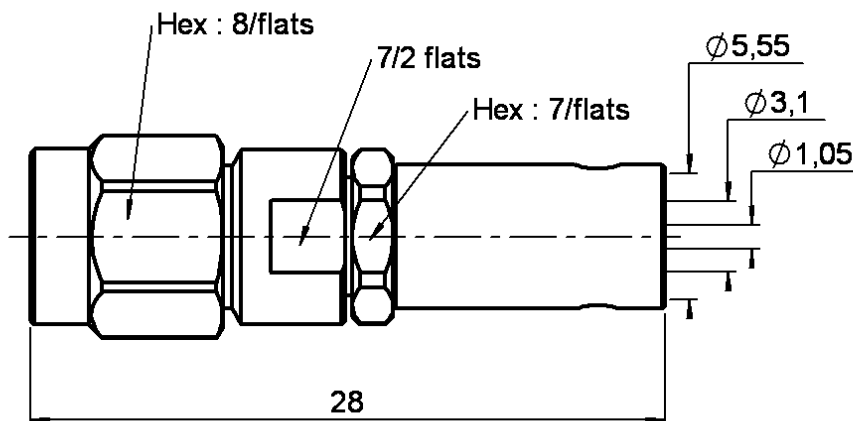


STRAIGHT PLUG CRIMP OR SOLDER TYPE
R125.077.000
CABLE 5/50 S

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 F

Design changes may be in order to improve the product.

STRAIGHT PLUG CRIMP OR SOLDER TYPE**R125.077.000****CABLE 5/50 S**Series : **SMA****ELECTRICAL CHARACTERISTICS**

Impedance	50 Ω
Frequency	0-12.4 GHz
VSWR	1.15 + 0.010 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	335 Veff Maxi
Dielectric withstanding	1000 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 58

KX 15

RG 141

Cable retention

- pull off **180** 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
.	.	.
R282.235.011	CRIMPING DIES	5.40
R282.293.000	CRIMPING TOOL	-
R282.223.000	CRIMPING TOOL	5.40

Recommended torque

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

Mating life	500 Cycles mini
Weight	0.000 g

OTHERS CHARACTERISTICS

-

ENVIRONMENTAL

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

Edition : **9840 F**

Design changes may be in order to improve the product.

Mouser Electronics

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