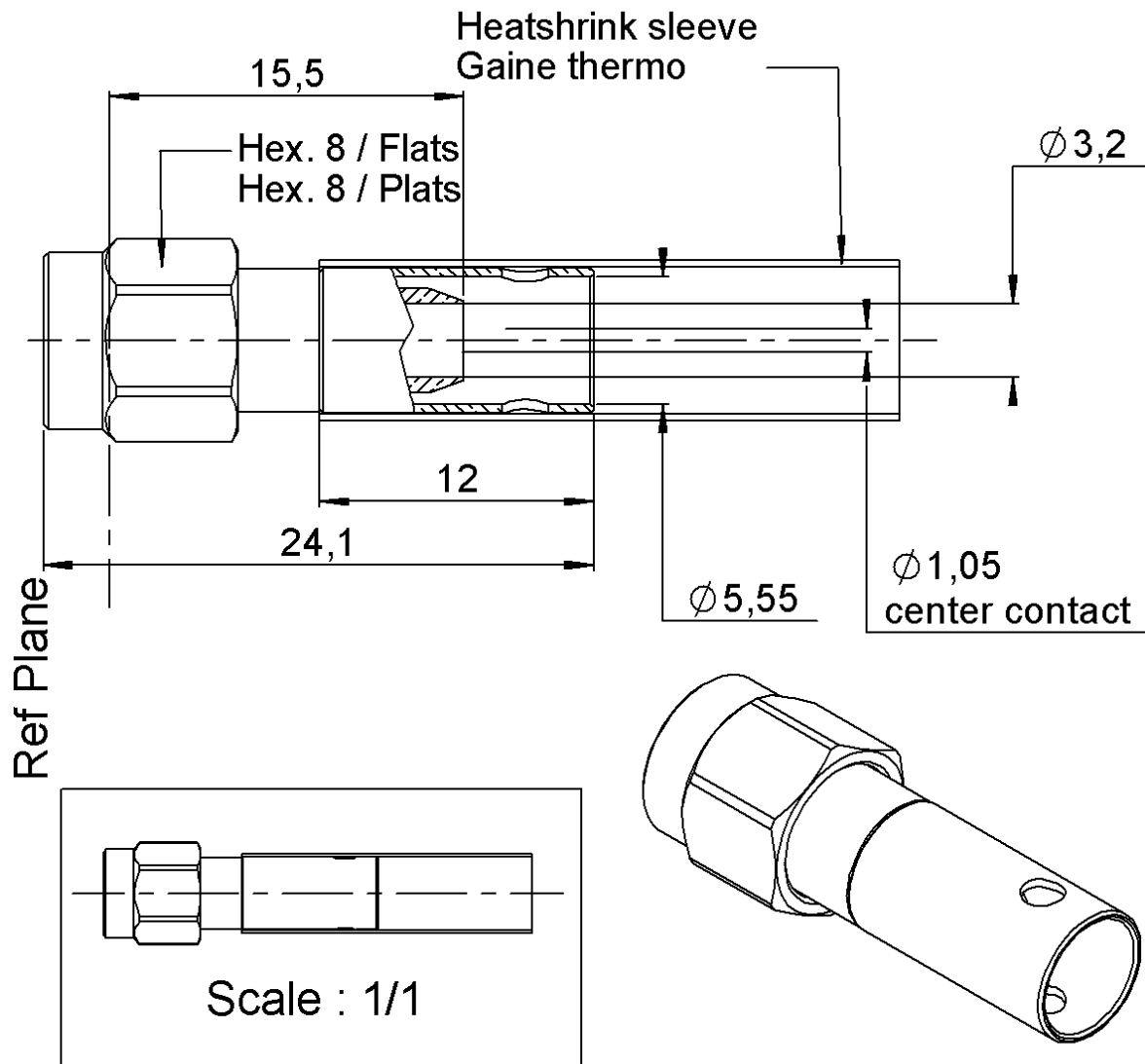


STRAIGHT PLUG CRIMP TYPE

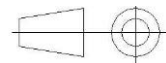
CABLE 5/50DT NON MAGNETIC

R125.075.097

Series : SMA



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BERYLLIUM COPPER	BBR 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	BBR 2
OTHERS PARTS	BERYLLIUM COPPER	-
-	-	-
-	-	-

Issue : 0843 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.


RADIALL®

STRAIGHT PLUG CRIMP TYPE**CABLE 5/50DT NON MAGNETIC****R125.075.097**

Series : SMA

PACKAGING

Standard	Unit	Other
100	‘W’ option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4	GHz
VSWR	1.15 + 0,0100	x F(GHz) Maxi
Insertion loss	0.06	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (60	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω 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	4,2150 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	3,50	7,00	13,5	0,00	10,0	0,00

Assembly instruction : **Crimp 01**

Recommended cable(s)
NON MAGNETIC CABLE
RG 400 AMAG

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	180 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	5.41
R282.235.011	CRIMPING DIES M22520/5-11	5.41
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHERS CHARACTERISTICS

Distorsion of the magnetic field < 0.5 ppm
at 10 mm at Bo = 1.5 Tesla
non magnetic component

Issue : 0843 A

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