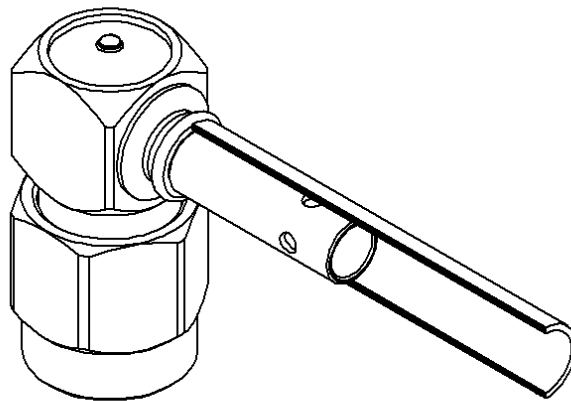
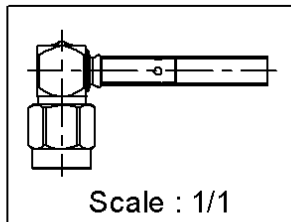
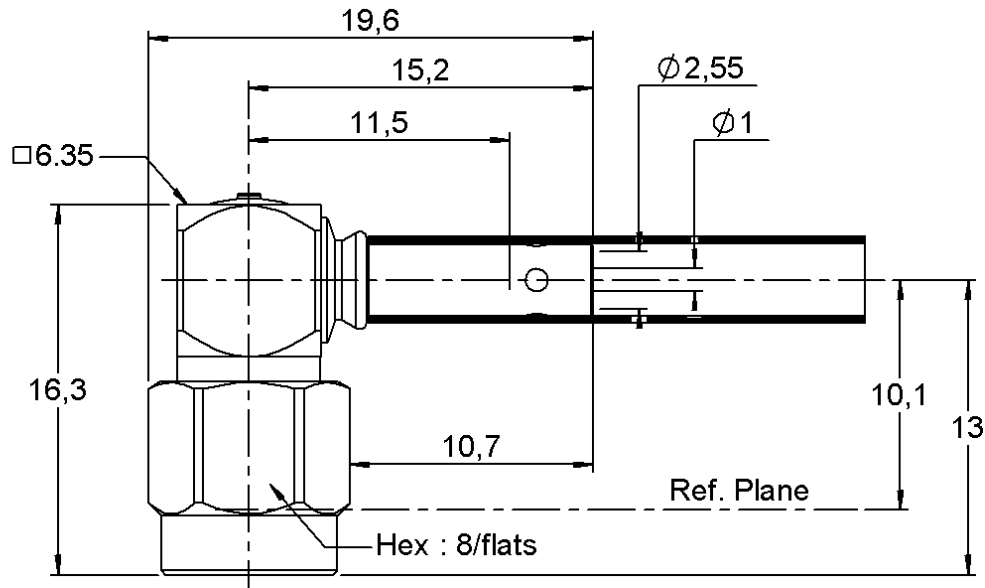


RIGHT ANGLE PLUG CRIMP TYPE

CABLE 2/50 S

R125.170.402

Series : SMA



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 4
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	PASSIVATED .
OTHERS PARTS	STAINLESS STEEL	-
-	-	-
-	-	-

Issue : 0724 B

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



RIGHT ANGLE PLUG CRIMP TYPE

CABLE 2/50 S

R125.170.402

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4	GHz
VSWR	1.4 + 0,0300	x F(GHz) Maxi
Insertion loss	0.15	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (60	- F(GHz)) dB Maxi
Voltage rating	170	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center 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	0,0000	mm

Mating life	500	Cycles mini
Weight	1,8630	g

ENVIRONMENTAL

Operating temperature	-65/+165	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATIONCABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2,80	7,00	12,8	0,00	10,0	0,00

Assembly instruction :

Crimp 05

Recommended cable(s)

KX 21

RG 196

RG 178 LC

RG 178

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	45	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.211.000	CRIMPING TOOL	2.67
. Or - (ou)		
R282.235.003	CRIMPING DIES	2.67
. And - (et)		
R282.293.000	CRIMPING TOOL M22520/5-01	-

OTHER CHARACTERISTICS

-

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