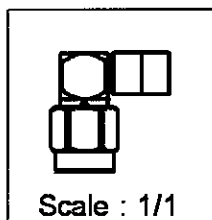
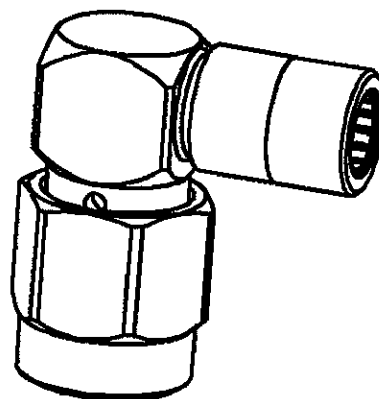
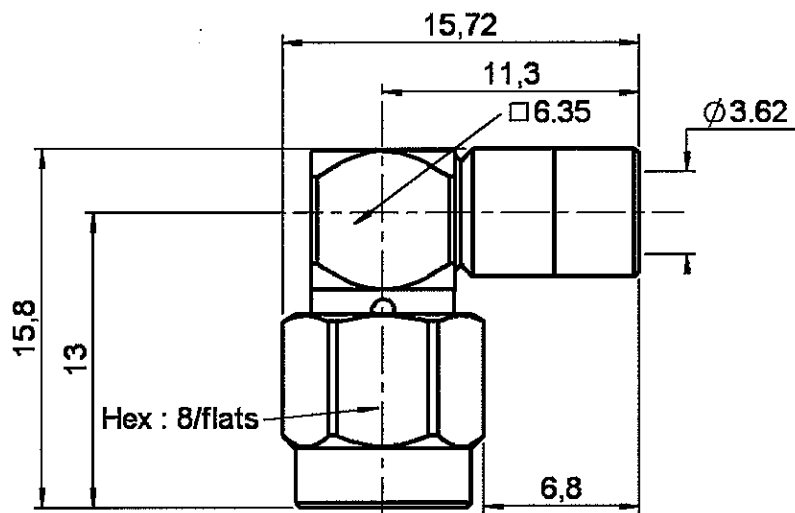


RIGHT ANGLE PLUG CRIMP TYPE

R125.154.901

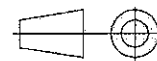
CABLE .141

Series : SMA



Scale : 1/1

All dimensions are in mm.



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

Issue : 0528 C

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


RADIALL®

RIGHT ANGLE PLUG CRIMP TYPE

R125.154.901

CABLE .141

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.10 + 0.010	x F(GHz) Maxi
Insertion loss	0.05	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (60	- F(GHz)) dB mini
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

CABLE ASSEMBLY

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

Assembly instruction :

Recommended cable(s)

RG 402

KS 2

Cable retention

- pull off

270 N mini

- torque

NA N.cm

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	0.000 mm

Mating life	500 Cycles mini
Weight	5.000 g

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.053.000	STRIPPING TOOL	-
R282.066.000	POINTER GAUGE	-
R282.286.000	CRIMPING TOOL	-
R282.704.000	POSITIONER	-
R282.711.000	GUIDE	-

OTHERS CHARACTERISTICS

ENVIRONMENTAL

Operating temperature	-65/+105 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

Issue : 0528 C

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**RADIALL®**

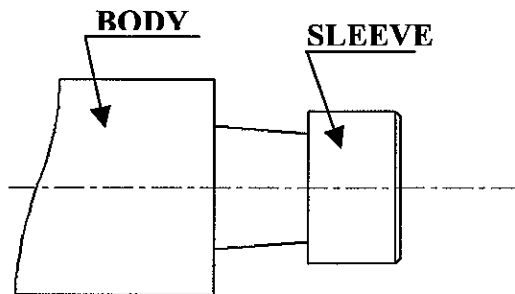
RIGHT ANGLE PLUG CRIMP TYPE

CABLE .141

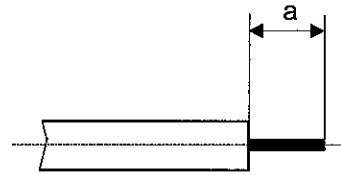
R125.154.901

Series : SMA

COMPONENTS

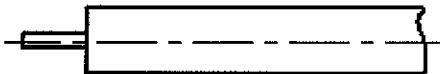


STIPPING DIMENSIONS



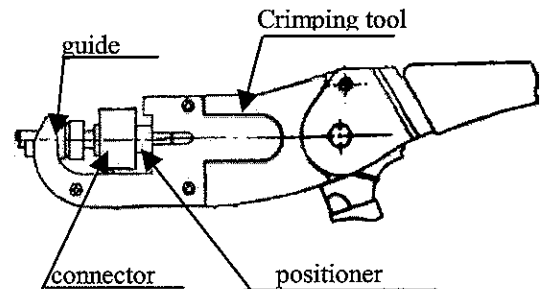
1

- Strip the cable with the cable stripping tool
- Trim the cable inner conductor with the trimmer.
- Clean the cable



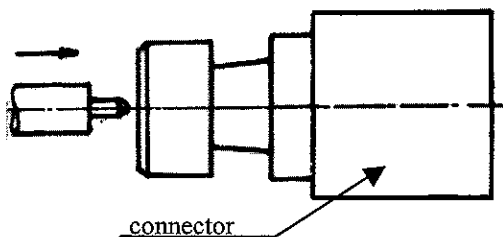
3

- Insert the connector and the cable on the crimping tool with guide and positioner.
- A pneumatic crimping tool exist too that can be used



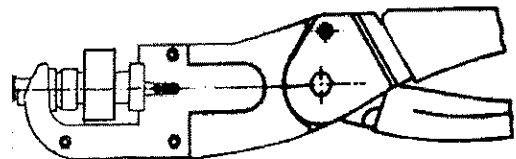
2

- Slide connector onto the cable



4

- Press the connector on the cable.



Issue : 0528 C

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Mouser Electronics

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