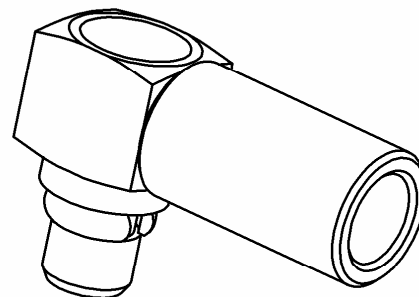
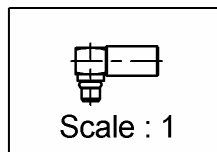
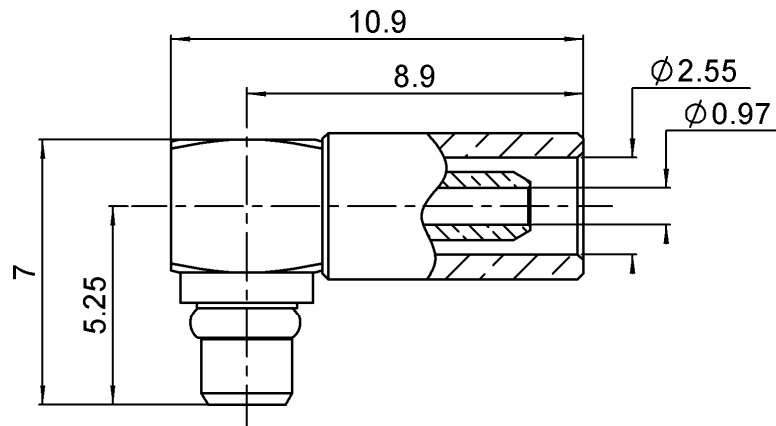


NON MAGNETIC RIGHT ANGLE PLUG CRIMP TYPE

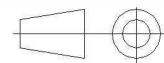
R110.170.147

CABLE 2/50S

Series : MMCX



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	NON MAGNETIC BRONZE	BBR
CENTER CONTACT	NON MAGNETIC BRONZE	GOLD OVER COPPER
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	BRONZE,BERYLLIUM COPPER	BBR,GOLD OVER COPPER
-	-	-
-	-	-

Issue : 1021 A

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

RADIAL 

NON MAGNETIC RIGHT ANGLE PLUG CRIMP TYPE

R110.170.147

CABLE 2/50S

Series : MMCX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.35 + 0,0000	x F(GHz) Maxi
Insertion loss	0.1	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	170	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	1000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	10 N mini
Axial force – Opposite end	10 N mini
Torque	NA N.cm mini

Recommended torque	
Mating	NA 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	0,8700 g

ENVIRONMENTAL

Operating temperature	-55/+155 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	1,40	6,35	9,00	0,00	7,60	0,00

Assembly instruction : **Crimp 05**

Recommended cable(s)

NON MAGNETIC CABLE
RG 178 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	32 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.211.000	CRIMPING TOOL	3.25
R282.235.003	CRIMPING DIES M22520/5-03	3.25
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

Distortion of the magnetic field
<0,5 ppm at 10mm at $B_0 = 1.5$ Tesla
Non magnetic component
RADIAL PAQ-C-007

Issue : 1021 A

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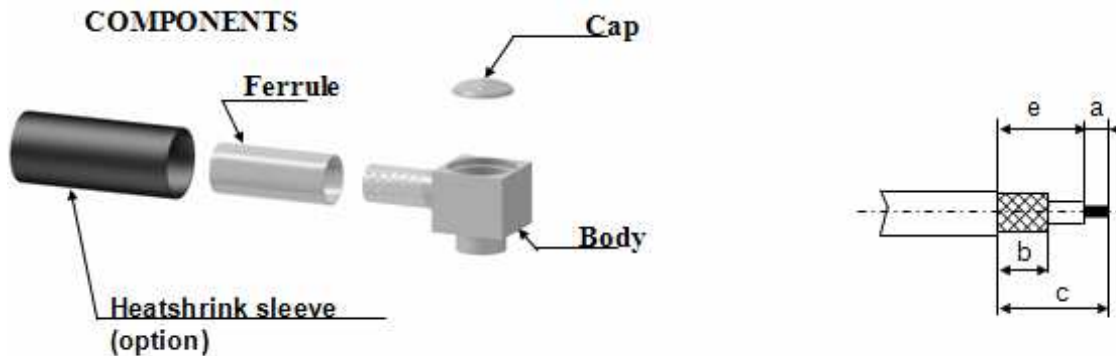
NON MAGNETIC RIGHT ANGLE PLUG CRIMP TYPE

CABLE 2/50S

R110.170.147

Series : MMCX

COMPONENTS



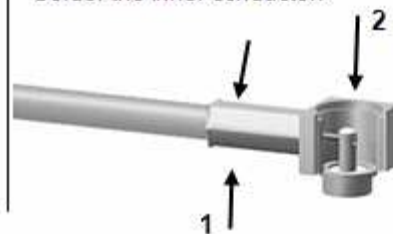
1

Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.



4

Crimp the ferrule with crimping tool (see connector TDS).
Solder the inner conductor.



2

Fan the braid.



5

Place the cap into the body.



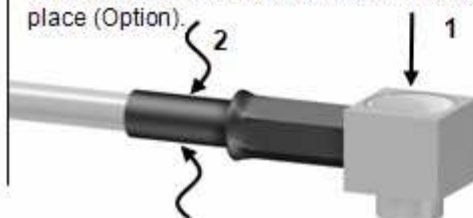
3

Push the connector body under the braid.
Slide the ferrule over the braid.



6

Press on the cap flush or slightly below the surface of the body assembly.
Slide the sleeve over the ferrule and heatshrink it in place (Option).



Issue : 1021 A

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