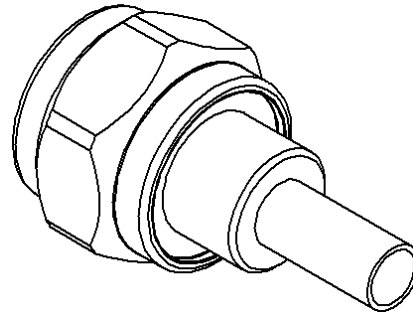
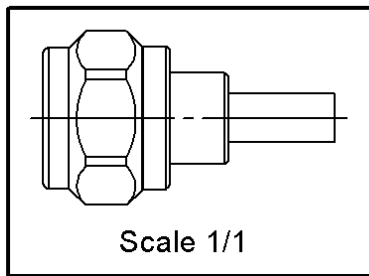
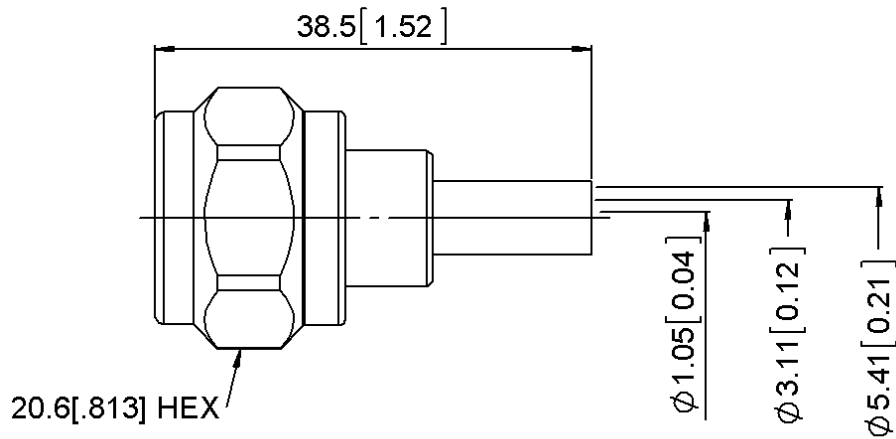


STRAIGHT PLUG FULL CRIMP TYPE

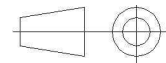
R161.082.120

CABLE 5/50S

Series : N



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS.	BBR 2
CENTER CONTACT	BRASS.	Cu2.5 Au2.5
OUTER CONTACT	BRASS.	BBR 2
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS.	BBR 2
-	-	-
-	-	-

Issue : 1306 A

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

RADIAL R

STRAIGHT PLUG FULL CRIMP TYPE**CABLE 5/50S****R161.082.120**

Series : N

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-11	GHz
VSWR	TBD + 0,0000	x F(GHz) Maxi
Insertion loss	TBD	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating	850	Veff Maxi
Dielectric withstanding voltage	1500	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	NA N.cm mini

Recommended torque	
Mating	170 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	31,0000 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	5,50	8,00	14,0	0,00	8,50	0,00

Assembly instruction :

Crimp 03

Recommended cable(s)

LMR 195

AEP-195FR

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	150 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.235.011	CRIMPING DIES M22520/5-11	1.73- 5.41
R282.293.000	CRIMPING TOOL M22520/5-01	
R282.223.000	CRIMPING TOOL	1.73- 5.41

OTHER CHARACTERISTICS

-

Issue : 1306 A

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R161082120](#)