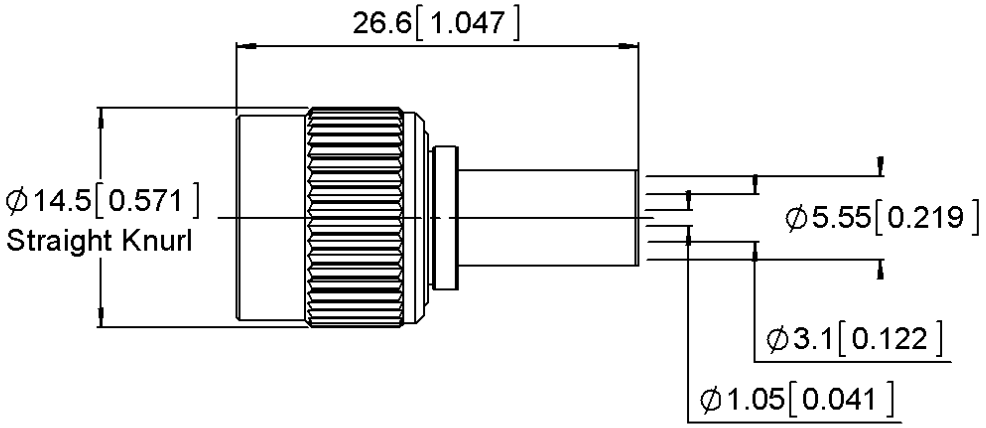
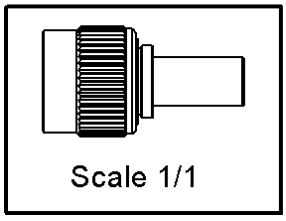
STRAIGHT PLUG FULL CRIMP TYPE

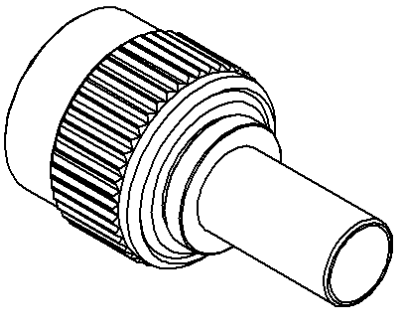
CABLE 5/50S

R143.082.027

Series : **TNC**







All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	**BRASS.**	**BBR 2**
CENTER CONTACT	**BERYLLIUM COPPER**	**GOLD 0.5 OVER COPPER 2.5**
OUTER CONTACT	-	-
INSULATOR	**PTFE**	
GASKET	**SILICONE RUBBER**	
OTHERS PARTS	**BRASS.**	**BBR 2**
-	-	-
-	-	-

Issue : 1307 A

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

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STRAIGHT PLUG FULL CRIMP TYPE

CABLE 5/50S

R143.082.027

Series : **TNC**

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**	√F(GHz) dB Maxi
RF leakage	**- (**	******	- F(GHz)) dB Maxi
Voltage rating		**500**	Veff Maxi
Dielectric withstanding voltage		**1500**	Veff mini
Insulation resistance		**5000**	MΩ 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	**46**	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	**6,8500**	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	5,20	8,50	15,8	0,00	10,6	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	**90**	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

** RF Leakage = -60 dB min. at 2-3 GHz
*prior to step two of Crimp 03, slide disk insulator onto center conductor, And bottom contact on disk insulator

Issue : 1307 A

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Global Electronic Components Distributor

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Radiall:

R141563161 R191303000 R112665000 R124510000W R125704000 R143156000 R191329000 EPXBE13P1SB R125403001 R141557000W R141805000 R161206000W R191332000 R284C0351003 R284C0351026 R125078000W R142703000 R142076161 EPXBE28SA R125720001 R161010000 R112186000 R125176000W R414720000 R112553000 R114554000W R180300007W R284C0351050 R412703124 R929104/C290004-20CM