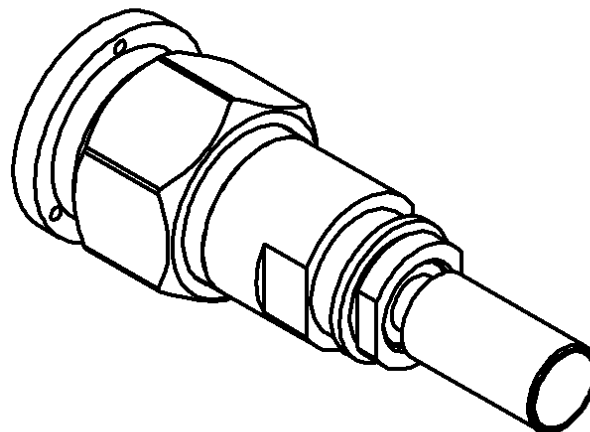
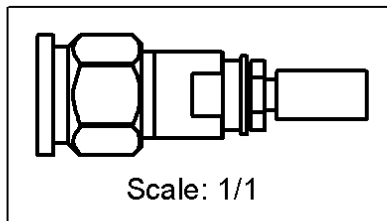
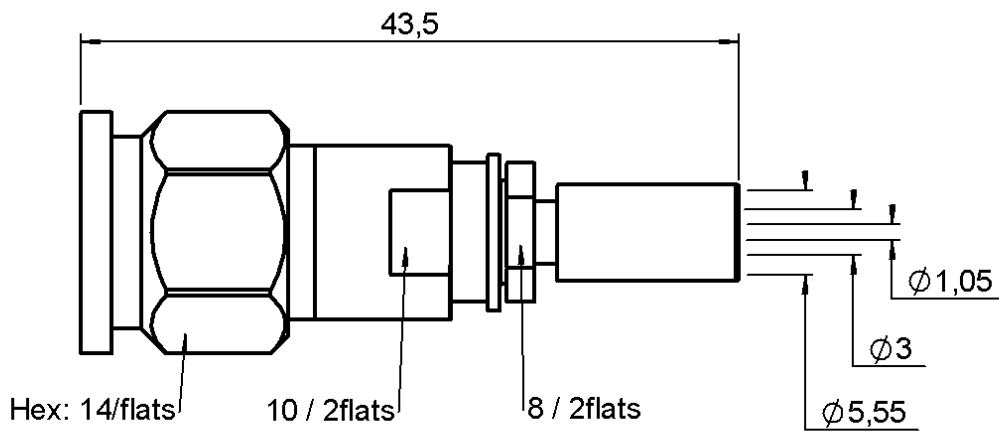


STRAIGHT PLUG CRIMP TYPE

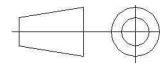
R143.097.700

CABLE 5/50 D

Series : TNC-COM



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	-	PASSIVATED
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	-	PASSIVATED
-	-	-
-	-	-

Issue : 0928 C

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



STRAIGHT PLUG CRIMP TYPE

R143.097.700

CABLE 5/50 D

Series : TNC-COM

PACKAGING

Standard	Unit	Other
1		Contact us

SPECIFICATION

QAE 06-02 - -

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-1.5 GHz
VSWR	NA +	0,0000 x F(GHz) Maxi
Insertion loss		NA √F(GHz) dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating		500 Veff Maxi
Dielectric withstanding voltage		1500 Veff mini
Insulation resistance		5000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	0,00	9,00	23,0	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)

RG 223
RG 142
RG 400
KX 23
RG 142 FTX

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 **180** 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	NA	N.cm mini

TOOLING

Recommended torque		
Mating	265	N.cm
Panel nut	NA	N.cm
Clamp nut	370	N.cm
A/F clamp nut	8,0000	mm

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	5.41
282.291	CRIMPING TOOL M22520/1-01	2x4 (pos 7)
282.997	POSITIONER FOR TOOL 282.291	rouge

Mating life	100	Cycles mini
Weight	20,1630	g

ENVIRONMENTAL

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

OTHERS CHARACTERISTICS

Issue : 0928 C

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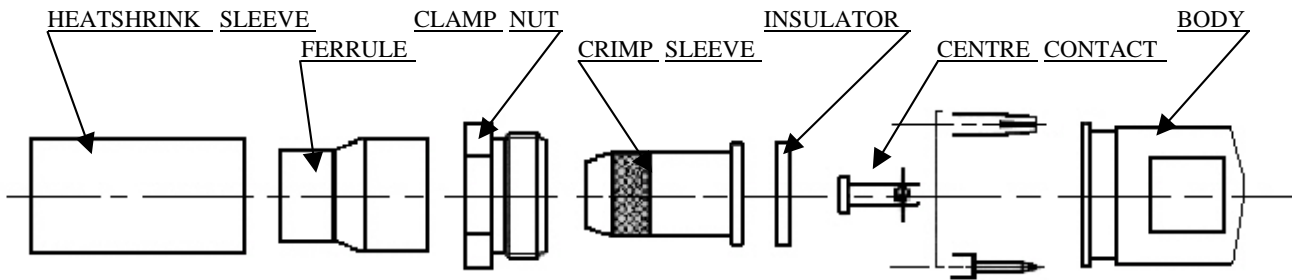
STRAIGHT PLUG CRIMP TYPE

R143.097.700

CABLE 5/50 D

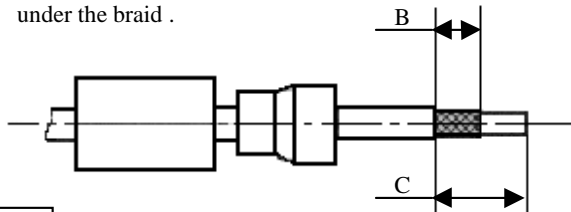
Series : TNC-COM

COMPONENTS



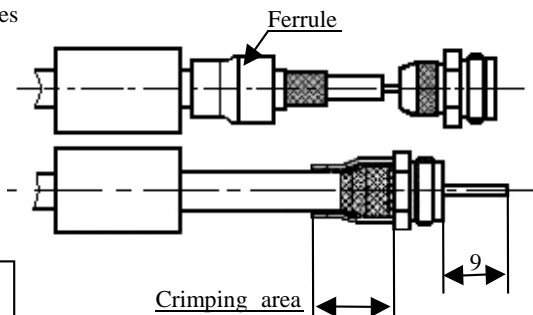
1

Slide onto the cable the heatshrink and the ferrule.
Strip the cable and cut the foil under the braid .



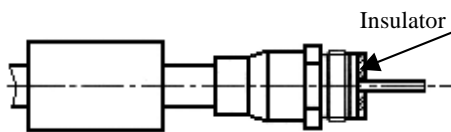
2

Slide the clamp nut onto the crimp sleeve.
Slide sub-a ssembly under the braid.
Slide ferrule over the braid against clamp nut.(In direction F)
Crimp the ferrule with crimping tool + dies



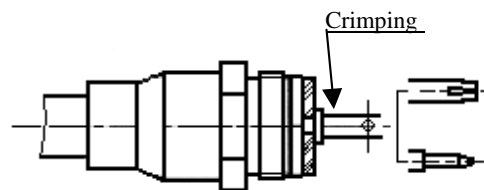
3

Cut the dielectric flush to crimp sleeve.
Mount insulator against crimp sleeve.



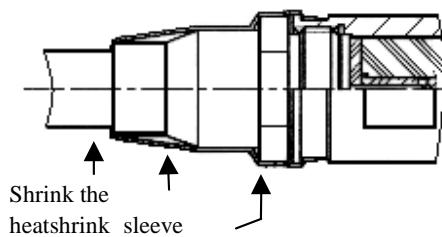
4

Slide the centre contact onto the cable inner conductor against insulator.
Crimp centre contact with the crimping tool and the positioner or solder.



5

Screw sub-a ssembly into the connector body.
(recommended coupling see the connector TDS)
Slide sleeve over ferrule and heatshrink sleeve in the place.



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