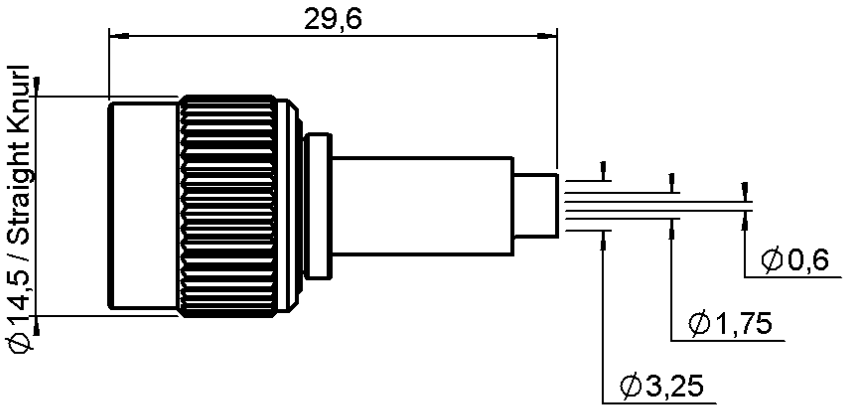
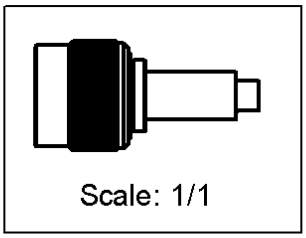
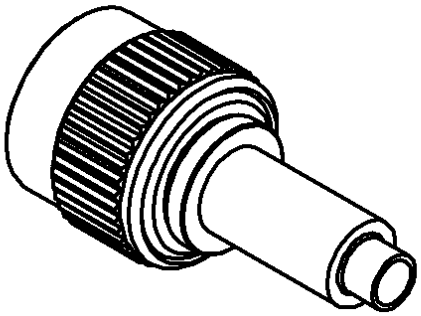
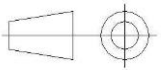
PAGE **1/3**	ISSUE **07-04-16E**	SERIES **TNC**	PART NUMBER **R143075000**







All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	**BRASS**	**NICKEL 2**
Center contact	**BRASS**	**GOLD 0.5 OVER NICKEL 2**
Outer contact	**-**	**-**
Insulator	**PTFE**	
Gasket	**SILICONE RUBBER**	
Others parts	**BRASS**	**NICKEL 2**
-	-	-
-	-	-

PACKAGING

Standard	Unit	Other
100	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-11**	GHz
VSWR	**1.30***	**+**	**0,0000**	x F(GHz) Maxi
Insertion loss			**0.06**	√F(GHz) dB Maxi
RF leakage	- (		**57**	- F(GHz)) dB Maxi
Voltage rating			**335**	Veff Maxi
Dielectric withstanding voltage			**1000**	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	**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	**11,8370**	g

ENVIRONMENTAL

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

SPECIFICATION

QAE 06-02 . .

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	**4**	**10**	**18,5**	**0**	**14,5**	**0**

Assembly instruction**: Crimp 03**

Recommended cable(s)

KX 22A
RG 188
RG 316
ECO 316
RG 174
KX 3B
RG 174 FTX
RG 174
RG 316

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	**40**	N mini
- torque	**NA**	N.cm

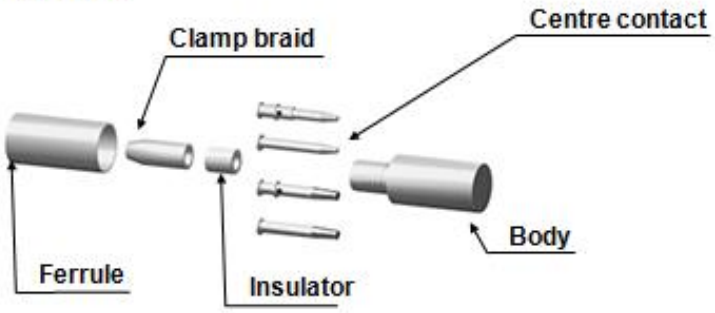
TOOLING

Part Number	Description	Hexagon
R282293000	CRIMPING TOOL M22520/5-01	-
R282223000	CRIMPING TOOL	1.73-5.41
R282235011	CRIMPING DIES M22520/5-11	1.73-5.41
R282888020	FORK TOOL	

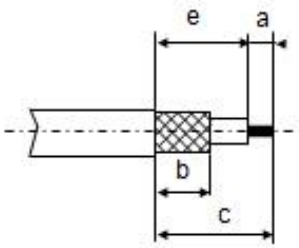
OTHER CHARACTERISTICS

***1.3 from 0 to 2GHz**
2 from 0 to 11GHz

COMPONENTS

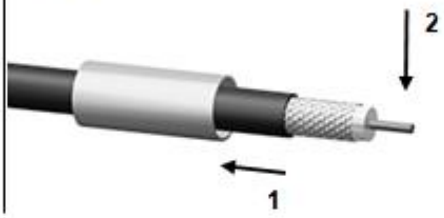


STRIPPING DIMENSIONS



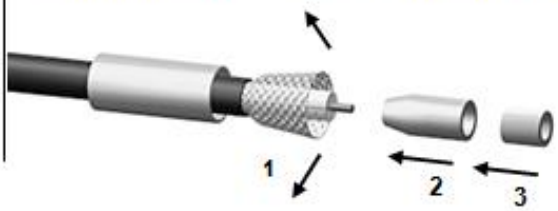
1

Slide the ferrule onto the cable.
Strip the cable.



2

Fan the braid.
Slide the braid clamp and the insulator between the dielectric and the braid.
Slide the insulator between the dielectric and the braid.

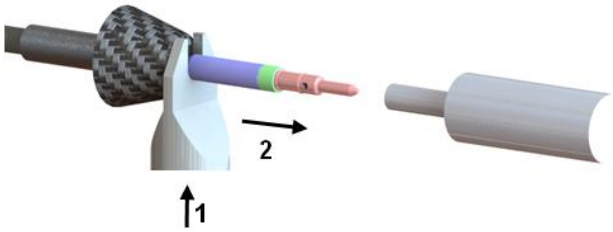


3

Slide on the centre contact until it bottoms against the cable dielectric.
Solder or crimp the centre contact with crimping tool (see connector TDS).
Clean solder area if necessary.

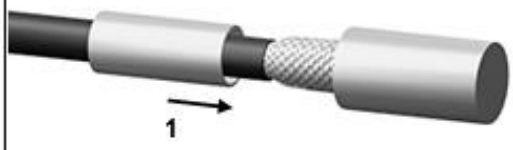
4

Use fork tool R282.888.020. Put it behind the insulator and slide cable into body until it bottoms against insulator.



5

Slide the ferrule over the braid.



6

Crimp the ferrule with crimping tool (see connector TDS).
Cut the excess of braid if necessary.