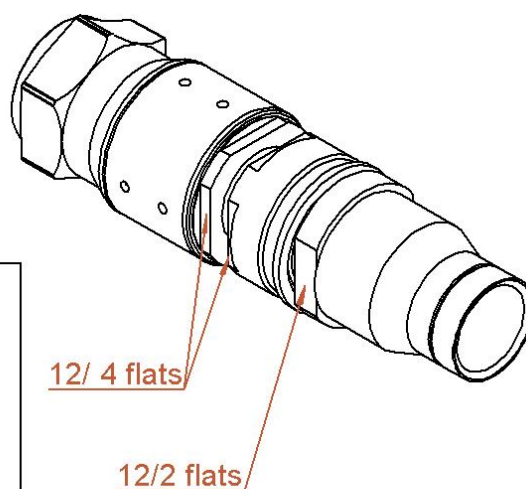
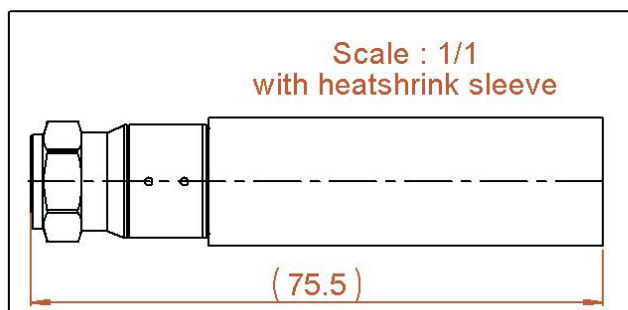
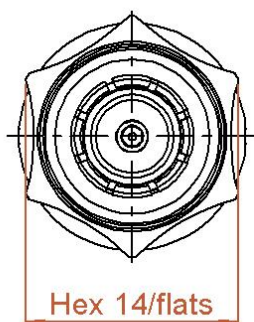
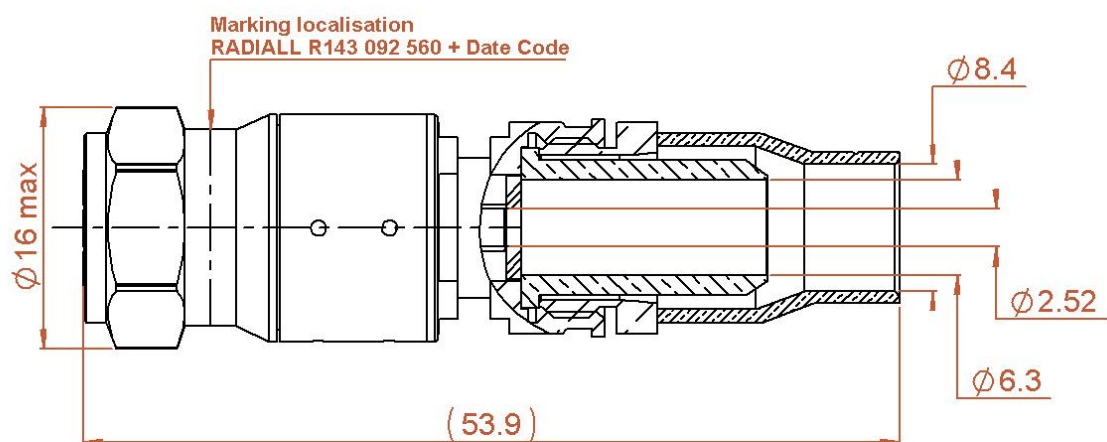


PAGE 1/3

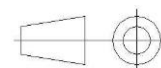
ISSUE
07-06-21A

SERIES **TNC SELF-LOCK**

PART NUMBER **R143092560**



All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	NICKEL 2
Center contact	BRASS	GOLD 1.3 OVER NICKEL2
Outer contact	-	
Insulator	PTFE	
Gasket	FLUORO SILICON RUBBER	
Others parts	STAINLESS STEEL, BRASS	PASSIVATED , NICKEL 2
-	-	-
-	-	-

PAGE 2/3	ISSUE 07-06-21A	SERIES TNC SELF-LOCK	PART NUMBER R143092560
-----------------	---------------------------	-----------------------------	-------------------------------

PACKAGING

Standard	Unit	Other
1	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-11	GHz
VSWR	1.30* + 0,000	x F(GHz) Maxi
Insertion loss	0.07*	√F(GHz) dB Maxi
RF leakage	- (55**	- 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	NA	N mini
Axial force – Opposite end	NA	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	125	N.cm
Panel nut	NA	N.cm
Clamp nut	370	N.cm
A/F clamp nut	12,000	mm

Mating life	250	Cycles mini
Nominal Weight (Add +15% for max weight)	35.1	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	7	9	25	-	-	-

Assembly instruction:

Recommended cable(s)

EN 4604-007WN

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	500	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
282291	CRIMPING TOOL M22520/1-01	2x4 points (Position 8)
R282589202	POSIT M22520/1-01 STR 8.07/50	
R282293000	CRIMPING TOOL M22520/5-01	
282247	CRIMPING DIES M22520/5-61	Hex : 10.9

OTHER CHARACTERISTICS

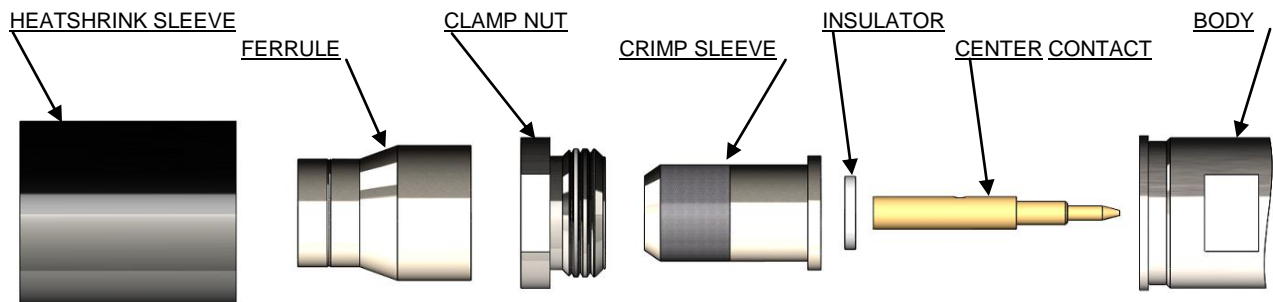
*DC-6GHz
**-55dB at 2-3 GHz

PAGE 3/3

ISSUE
07-06-21A

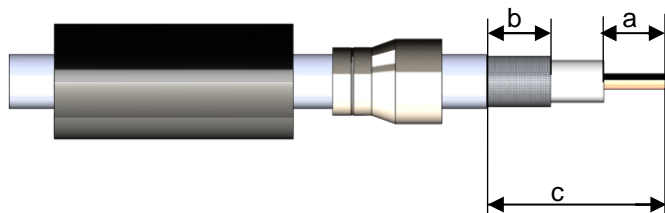
SERIES TNC SELF-
LOCK

PART NUMBER R143092560



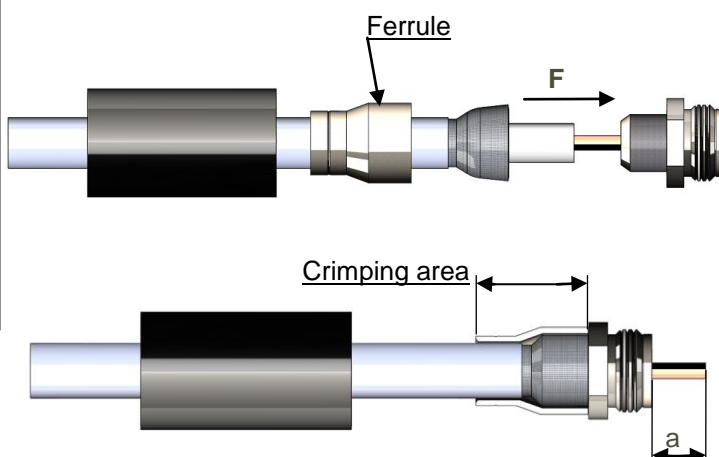
1

Slide onto the cable the heat-shrink sleeve and the ferrule
Strip the cable and cut the foil under the braid.
Optionally, to facilitate the stripping of the inner cable, the length "a" could be stripped after crimping of the ferrule.



2

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



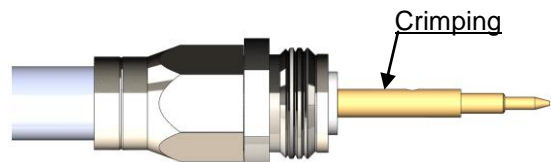
3

The dielectric must be in the same plane as the face of the crimp sleeve. Cut the dielectric flush to crimp sleeve if it exceeds. Clean the dielectric side.
Mount insulator against crimp sleeve.



4

Slide the center contact onto the cable inner conductor against insulator.
Crimp the center-contact with the crimping tool .



5

Screw sub-assembly into the connector body.
(recommended coupling see the connector TDS)
Slide sleeve heat-shrink over ferrule and put in the place as below

