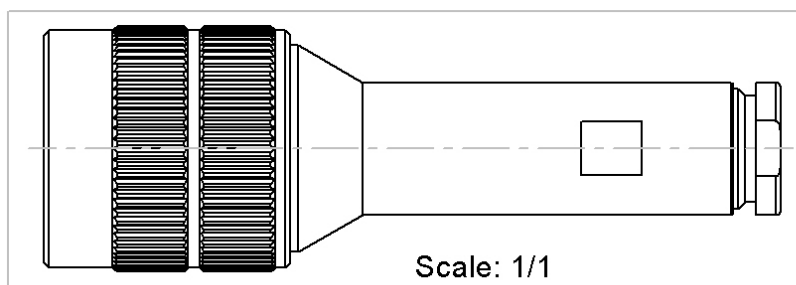
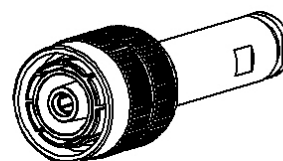
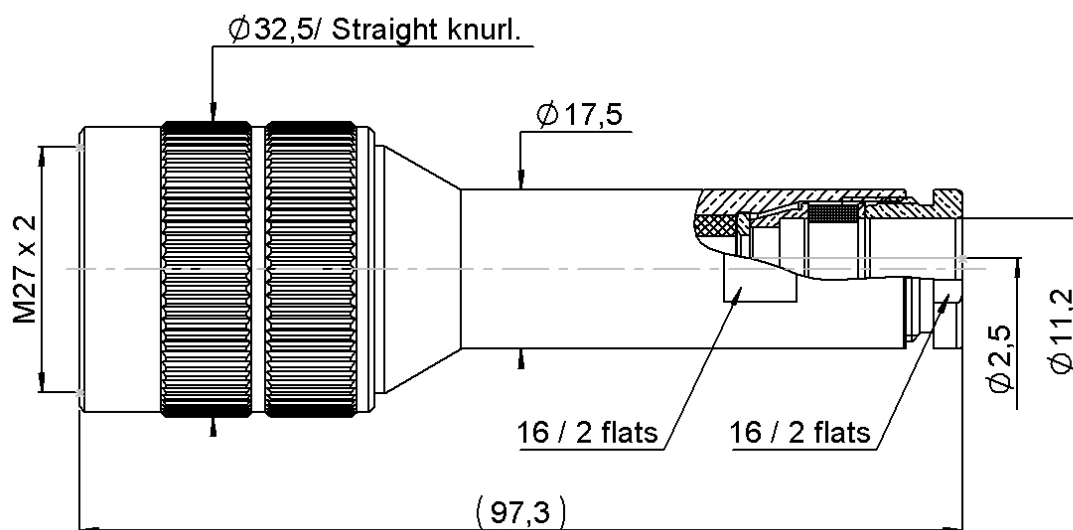


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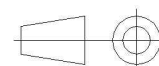
ISSUE  
28-10-24R

SERIES THT-40

PART NUMBER **R346018000**



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



COMPONENTS	MATERIALS	PLATING (µm)
Body	<b>BRASS</b>	<b>NICKEL</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>SILVER .</b>
Outer contact	<b>BRASS</b>	<b>NICKEL</b>
Insulator	<b>HIGH PRESSURE POLYETHYLENE</b>	
Gasket	<b>NEOPRENE RUBBER</b>	
Others parts	<b>BRASS</b>	<b>NICKEL</b>
-	-	-
-	-	-

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28-10-24R

SERIES THT-40

PART NUMBER R346018000

## PACKAGING

Standard	Unit	Other
1	Contact us	Contact us

## ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-0.7	GHz
VSWR	NA +	0,000	x F(GHz) Maxi
Insertion loss		NA	√F(GHz) dB Maxi
RF leakage	- (	NA	- F(GHz)) dB Maxi
Voltage rating		*	Veff Maxi
Dielectric withstanding voltage		*	Veff mini
Insulation resistance		10000	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	-	N.cm
Panel nut	-	N.cm
Clamp nut	800	N.cm
A/F clamp nut	16,000	mm

Mating life	500	Cycles mini
Nominal Weight (Add +15% for max weight)	177,781	g

## ENVIRONMENTAL

Operating temperature	-40/+70	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

## SPECIFICATION

## CABLE ASSEMBLY

Stripping mm	a	b	c	d	e	f
	6,500	55,000	0,000	0,000	46,000	0,000

Assembly instruction:

Recommended cable(s)

**KX 4**  
**RG213**  
**RG 214**

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	200	N mini
- torque	NA	N.cm

## TOOLING

Part Number	Description	Other
.	.	.

## OTHER CHARACTERISTICS

**\*10000 Vcc connector alone**  
**\*40000 Vcc mated connector**

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## COMPONENTS

Washer

Gasket

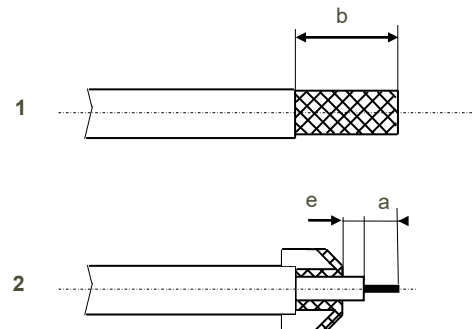
Centre contact

Clamp braid

Body

Back nut

## STRIPPING DIMENSIONS



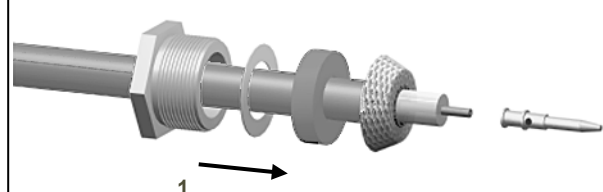
1

Strip the cable as shown in sketch 1.



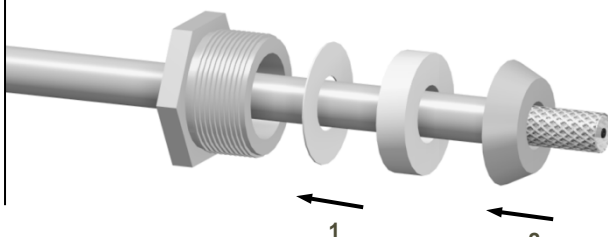
4

Slide the back nut over the cable assembly.



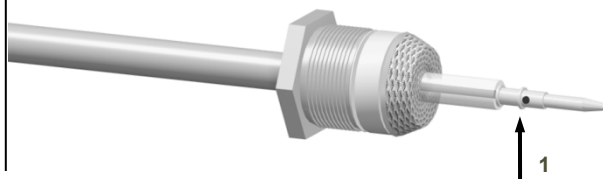
2

Slide the clamp nut, the washer and the gasket onto the cable.  
Slide the clamp braid sleeve over the braid.



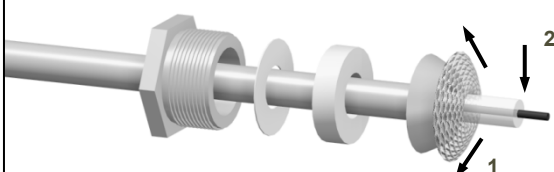
5

Solder the centre contact onto the inner conductor.  
Cover dielectric with insulating silicone grease.



3

Fold the braid back and trim off the extra braid.  
Trim dielectric back as shown in sketch 2.



6

Screw sub-assembly into the connector body with the adapted wrench.  
Recommended coupling torque ( see connector TDS ).

