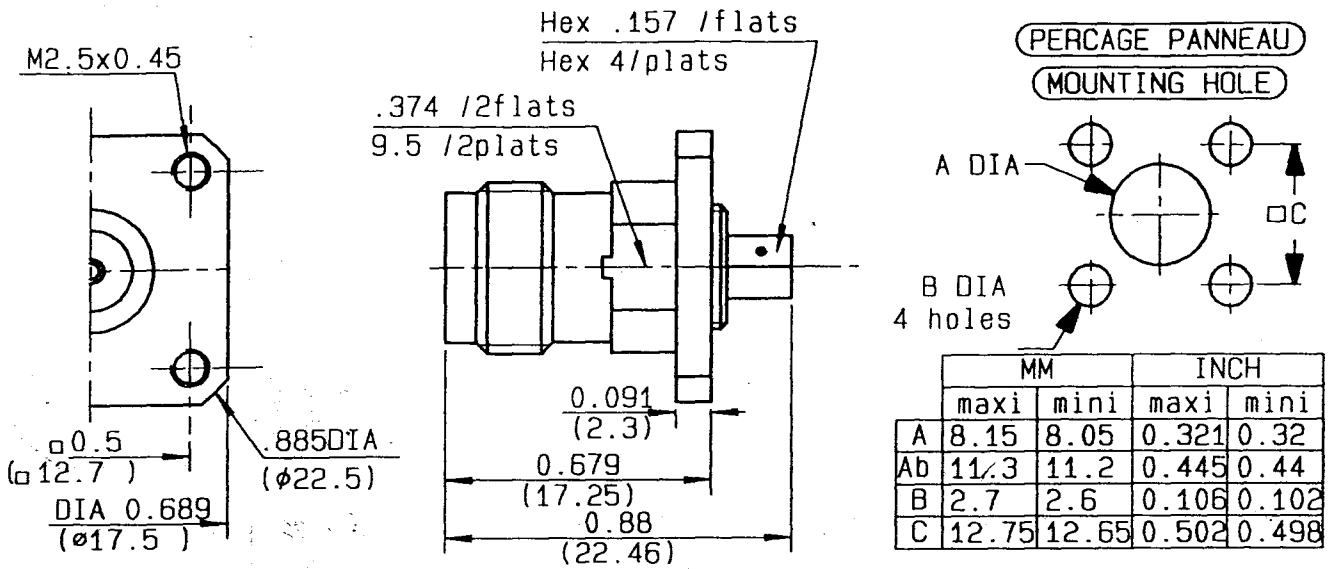


FLANGE MOUNT STRAIGHT JACK SOLDER TYPE
CAB.0.85

R143.272.700
SERIES TNC 18



NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-18	GHz
TEMPERATURE RATING	-65/+105	°C
V.S.W.R	1.10 + .015 x F(GHz)	Maxi
RF INSERTION LOSS	0.05 √F(GHz)	dB Maxi
VOLTAGE RATING	335	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000	Veff Mini
INSULATION RESISTANCE	5000	M ΩMini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	MPa
MCHANICAL DURABILITY		Cycles
WEIGHT	10.3	gr
SPECIFICATION		

CABLES : KS 1	
RG 405	
OTHERS CHARACTERISTICS	
CABLE RETENTION	136 N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	NA N Mini
Axial force - opposite end	NA N Mini
Torque	NA cm.N Mini
RECOMMENDED TORQUES	
Mating	NA cm.N
Panel nut	NA cm.N
Clamp nut	200 cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	STAINLESS STEEL	PASSIVATED	
OUTER CONTACT			
CENTER CONTACT	BERYLLIUM COPPER	GOLD	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	STAINLESS STEEL	GOLD	

ISSUE	CREATION DATE	FILE PART-NUMBER
5615A	16-JUL-90	90-0014-026



The information given here is subject to change without notice. Design changes may be in order to improve the product.

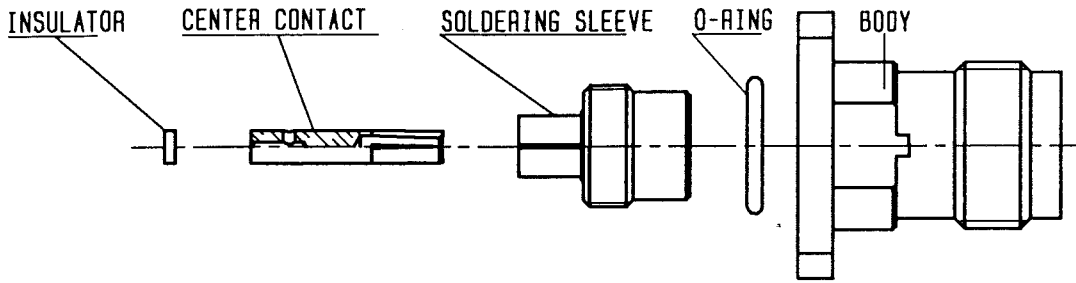
Connect to the future



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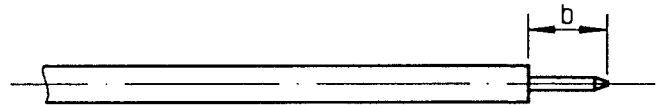
SERIES TNC 18



①

Strip the dielectric of the cable.
 Stripping tool cable: R 282 051.
 Trim inner conductor cable.
 Cutter : R 282 063
 Clean the cable.

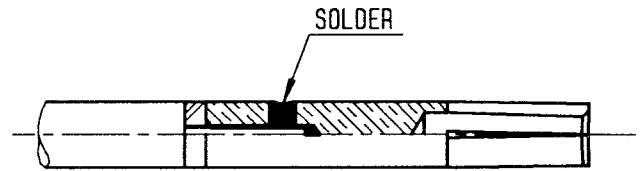
TOOLBOX R282 114 125



Stripping	a	b	c	d	e
inch	0	0.125	0	0	0
mm		3.17			

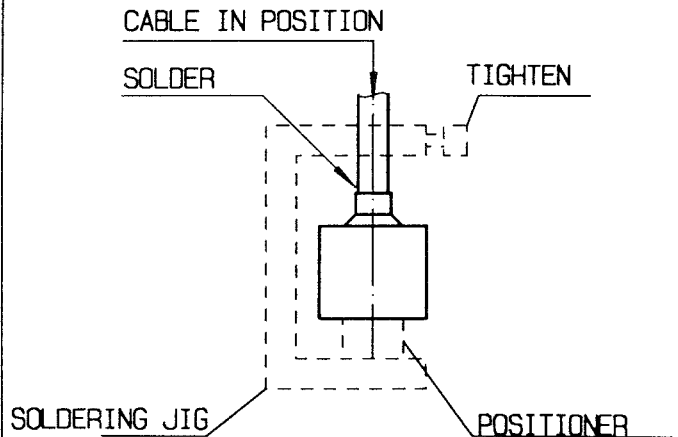
②

Mount the insulator on the cable
 inner conductor.
 Mount the center contact on the cable
 inner conductor.
 Solder the center contact.



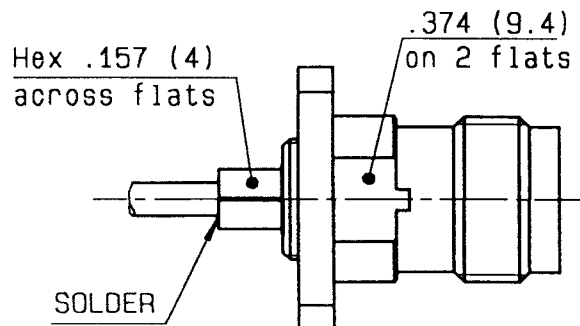
③

Screw positionner R 282 744 000 into the
 connector.
 Push cable into the connector until it
 bottoms against positionner R 282 744 000
 Tighten with assembly jig R 282 740 020
 Put 3 rings of solder around the cable
 and solder.



④

After cooling remove cable assembly from
 the jig.
 Place the o-ring into the body.
 Screw the body on the solder sleeve.
 Recommended torque : 200 Ncm





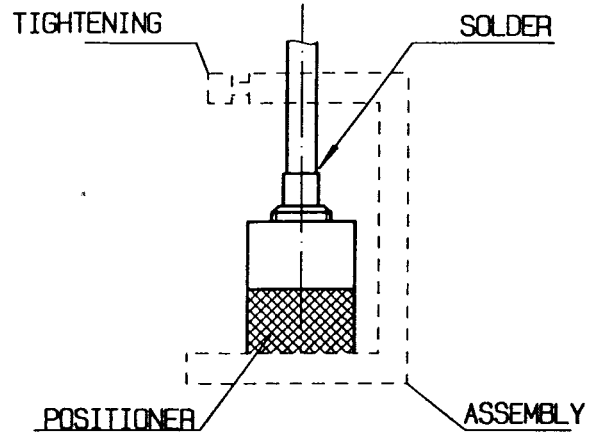
R143.272.700

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SERIES TNC 18

④ Screw on the positioner, which shall abut against the solder sleeve. Mount the cable, abutting against the positioner R282.744.000 Solder the sleeve on the semi-rigid cable.

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-



Mount the connector on the sleeve and lock it. Recommended tightening : 200 cmN.

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