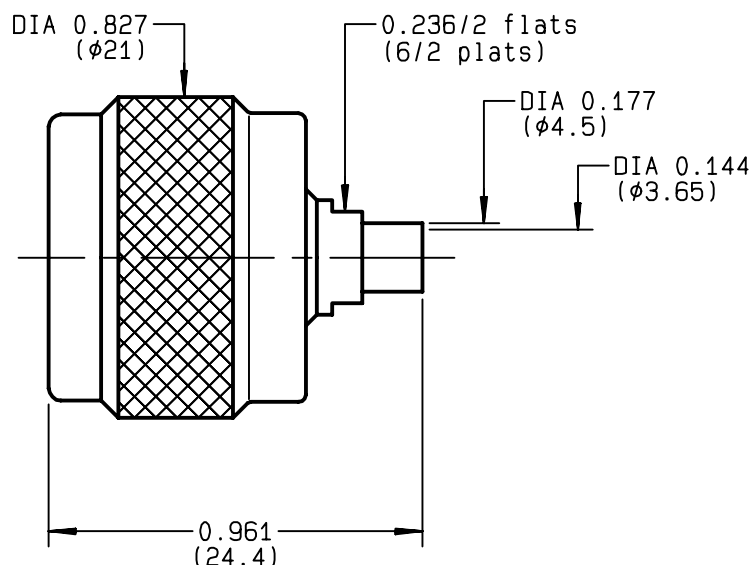


STRAIGHT PLUG SOLDER TYPE
CABLE .141
R161.051.000
SERIES N


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-11	GHz
TEMPERATURE RATING	-55/+105	$^{\circ}\text{C}$
V.S.W.R	1.15 +	x F(GHz)Maxi
RF INSERTION LOSS	0.048	$\sqrt{F}(\text{GHz})$ dB Maxi
VOLTAGE RATING	335	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000	Veff Mini
INSULATION RESISTANCE	5000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT	24.86	gr
SPECIFICATION		

CABLES : KS 2
RG 402

OTHERS CHARACTERISTICS

CABLE RETENTION	500	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	130	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given) in micrometers
BODY	BRASS	GOLD 0.2 OVER NICKEL 2	
OUTER CONTACT			
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	

BONOMINI

ISSUE
0248K01
CREATION DATE
08/02/1993
FILE PART-NUMBER
EPC 96-07

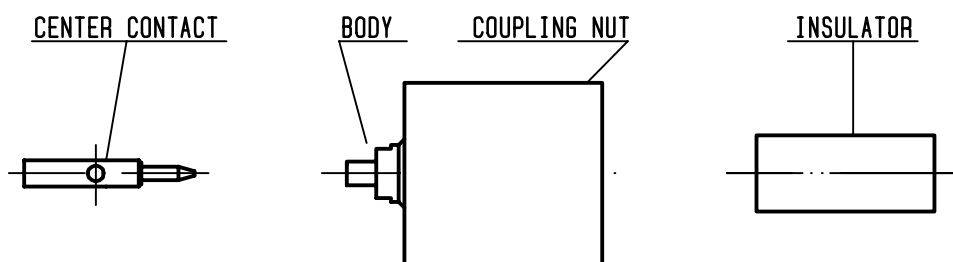
RADIALL®

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

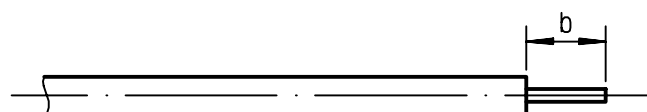
Connect to the future

**R161.051.000**ISSUE **0248K01** SERIES

N

**①**

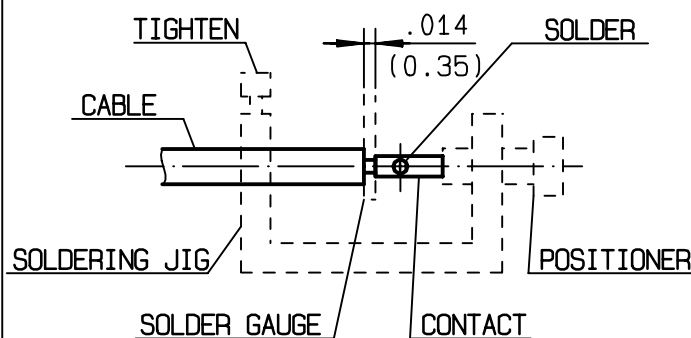
Take the tool kit : R 282 125 010 .
Strip the dielectric of the cable .
Stripping tool cable : R 282 053 .
Trimmer : R 282 066 010 .
Clean the cable .
-



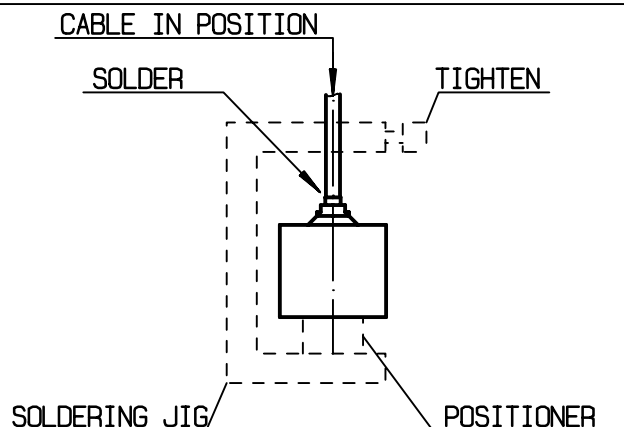
Stripping	a	b	c	d	e
inch	0	0.177 0	0	0	0
mm		4.5			

②

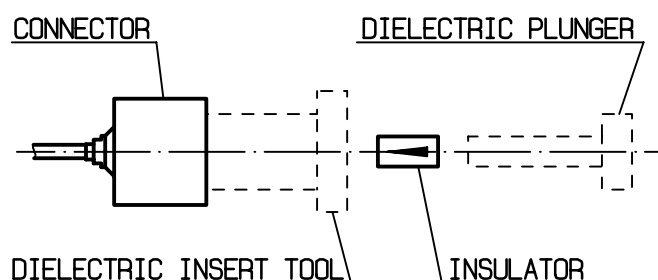
Screw the positioner R 282 744 261 onto the soldering jig R 282 740 030 .
Slide contact into positioner .
Insert solder gauge R 282 862 070 between contact and cable .
Tighten and solder the contact .

**③**

After cooling remove cable assembly from the jig .
Screw positioner R 282 744 340 into the connector .
Slide cable into the connector until it bottoms against positioner R 282 744 340 .
Tighten .
Put 3 rings of solder around the cable and solder .

**④**

After cooling remove cable assembly from the jig .
Screw female dielectric insert tool onto connector and cut the excess of dielectric with the dielectric recess tool R282 915 030 .
Insert insulator with the dielectric plunger .
Dielectric insert tool and dielectric plunger : R282 730 161 .



Mouser Electronics

Authorized Distributor

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