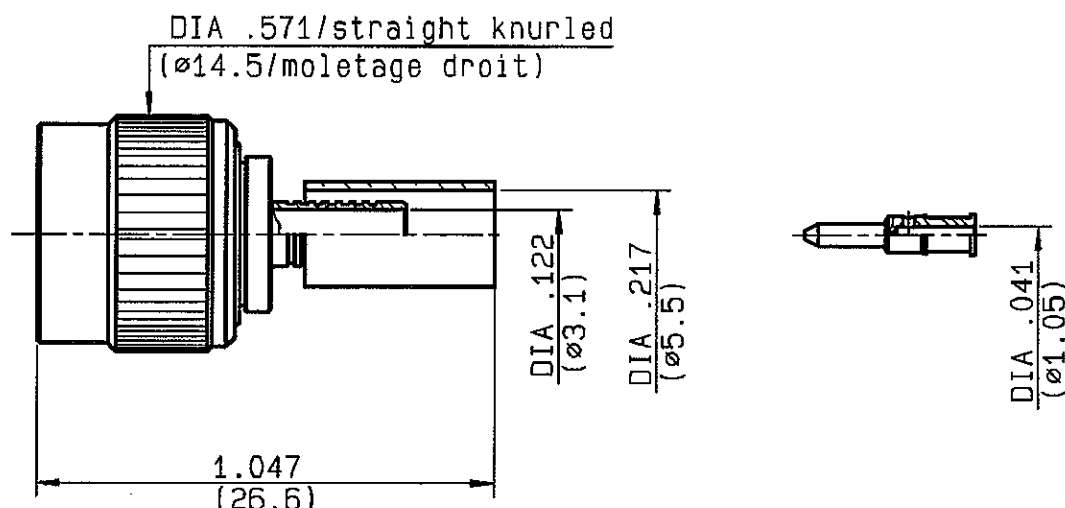


STRAIGHT PLUG CRIMP TYPE
CABLE 5/50 D
R143.083.000
SERIES TNC


NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-11 GHz
TEMPERATURE RATING	-65/+165 °C
V.S.W.R	1.30 + 0 x F(GHz)Max
RF INSERTION LOSS	0.06 $\sqrt{F(\text{GHz})}$ dB Max
VOLTAGE RATING	500 V _{eff} Max
DIELECTRIC WITHSTANDING VOLTAGE	1500 V _{eff} Min
INSULATION RESISTANCE	5000 M Ω Min
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	gr
SPECIFICATION	

CABLES : KX 23
 R6 142
 R6 142 FTX
 R6 223
 R6 400

OTHERS CHARACTERISTICS

CABLE RETENTION	180 N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	27 N Mini
Axial force - opposite end	27 N Mini
Torque	NA cm.N Mini
RECOMMENDED TORQUES	
Mating	NA cm.N
Panel nut	NA cm.N
Clamp nut	NA cm.N

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

 ISSUE
0628 B

 CREATION DATE
17/01/1985

FILE PART-NUMBER


RADIALL®

PERRIN

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

Connect to the future



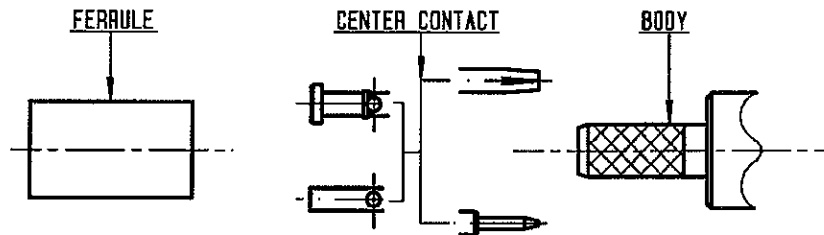
R143.083.000

ISSUE

0628 B

SERIES

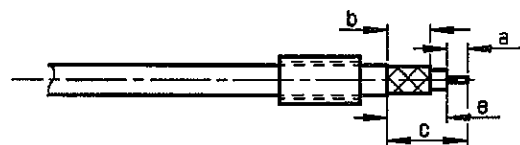
TNC



①

Slide ferrule onto cable
Strip the cable .

-
-



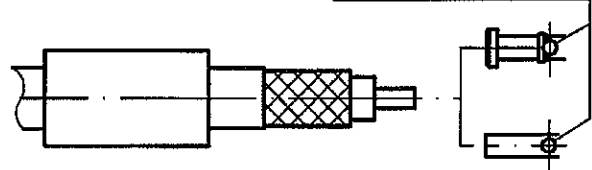
Stripping	a	b	c	d	e
inch	0.157	0.335	0.591	0	0.433
mm	4	8.5	15		11

②

Slide center contact on until it
bottoms against cable dielectric .
Solder or crimp center contact .
Crimping tool : R282 223 000 (Hex. : 0.068)
or R282 293 000 (M22520/5-01)
+ dies R282 235 011 (M22520/5-11) .

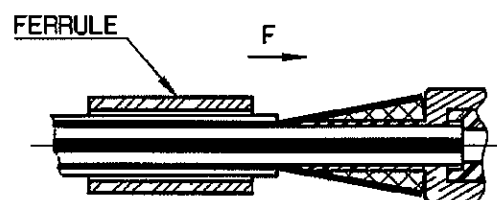
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SOLDER / CRIMPING



③

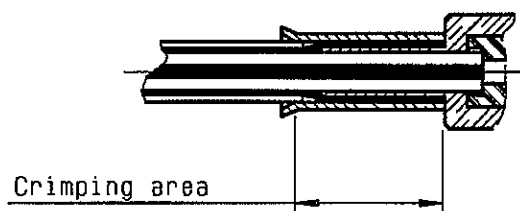
Fan the braid .
Slide cable into the body until
bottoms against insulator .
Slide ferrule over the braid .
(In direction F)



④

Crimp the ferrule with crimping tool
R 282 223 000 (Hex. : .213) or
crimping tool R282 293 000 (M22520/5-01)
+ dies R282 235 011 (M22520/5-11)
Cut excess of braid if necessary .

-
-
-
-



Crimping area

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R143083000](#)