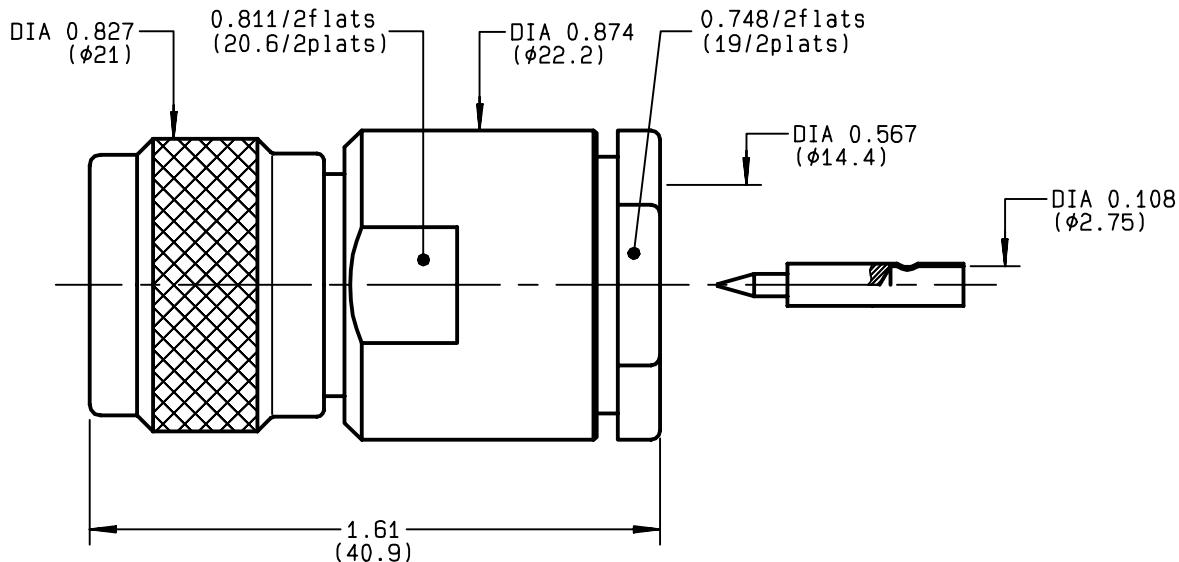


STRAIGHT PLUG CLAMP TYPE
CABLE 14/50 D
R161.027.000
SERIES **N**


NOMINAL IMPEDANCE	50 Ω	CABLES : RG 217	
FREQUENCY RANGE	0-11 GHz		
TEMPERATURE RATING	-55/+155 °C		
V.S.W.R	1.30 + $x F(\text{GHz})$ Maxi		
RF INSERTION LOSS	0.048 $\sqrt{F(\text{GHz})}$ dB Maxi		
VOLTAGE RATING	1400 V _{eff} Maxi		
DIELECTRIC WITHSTANDING VOLTAGE	2500 V _{eff} Mini		
INSULATION RESISTANCE	5000 M Ω Mini	OTHERS CHARACTERISTICS	
HERMETIC SEAL	NA Atm.cm ³ /s	CABLE RETENTION	400 N Mini
LEAKAGE (pressurized only)	NA	CENTER CONTACT RETENTION	
MECHANICAL DURABILITY	500 Cycles	Axial force - mating end	NA N Mini
WEIGHT	58.4 gr	Axial force - opposite end	NA N Mini
SPECIFICATION		Torque	NA cm.N Mini
		RECOMMENDED TORQUES	
		Mating	130 cm.N
		Panel nut	NA cm.N
		Clamp nut	800 cm.N

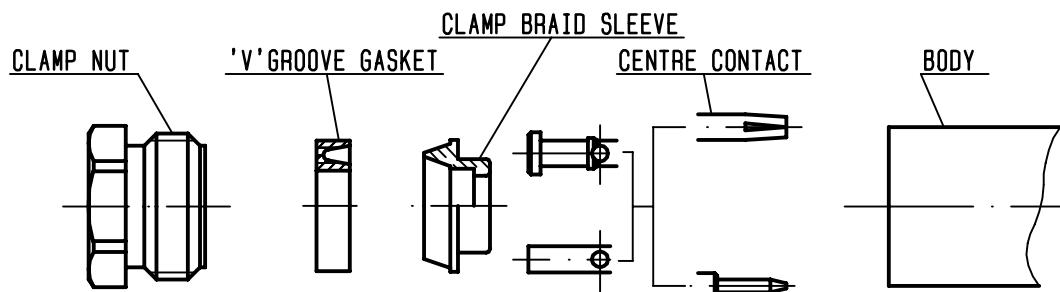
CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	BBR 2	
OUTER CONTACT	BRASS	BBR 2	
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	


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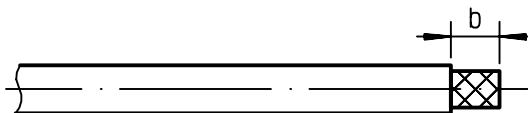
(1)

Strip the cable .

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Stripping	a	b	c	d	e
inch	0.197	0.394	0	0	0.039
mm	5	10			1

(2)

Slide the clamp nut and the 'V' groove gasket onto the cable .

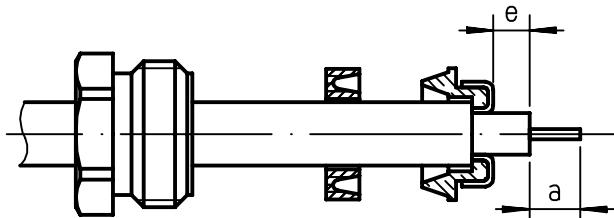
Slide clamp braid sleeve over braid .

Fold back braid and trim off surplus braid .

Trim back dielectric as shown .

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(3)

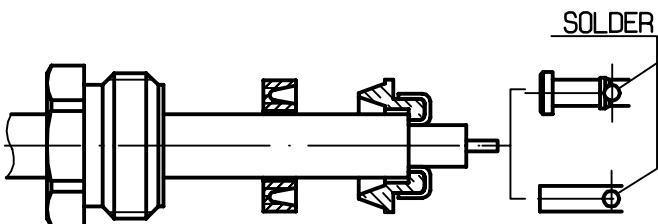
Solder the cable inner conductor into centre contact .

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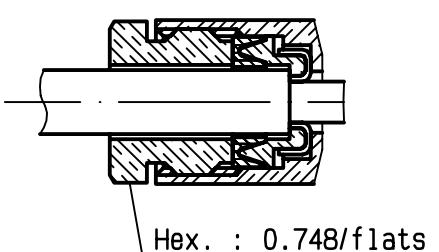
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(4)

Screw sub-assembly into the connector body .

(recommended coupling torque 70.8 in.lb)

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