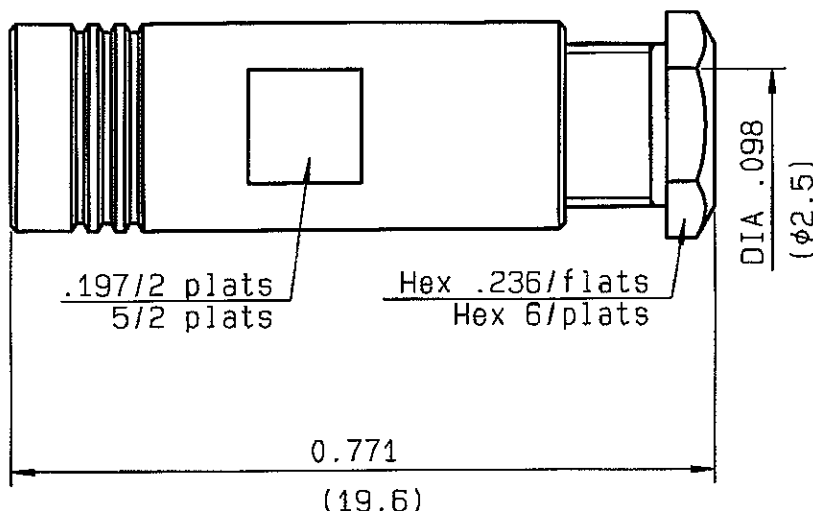


STRAIGHT PLUG CLAMP TYPE
CABLE 2/50 D
R114.003.420
SERIES
SMB


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-4	GHz
TEMPERATURE RATING	-65/+165	$^{\circ}\text{C}$
V.S.W.R	1.30 + .04 x F(GHz)Maxi	
RF INSERTION LOSS	0.25 $\sqrt{F(\text{GHz})}$	dB Maxi
VOLTAGE RATING	250	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	750	Veff Mini
INSULATION RESISTANCE	1000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT		gr
SPECIFICATION		

CABLES : TS 2619
PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

OTHERS CHARACTERISTICS

	R-A-S
CABLE RETENTION	58 N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	10 N Mini
Axial force - opposite end	10 N Mini
Torque	NA cm.N Mini
RECOMMENDED TORQUES	
Mating	NA cm.N
Panel nut	NA cm.N
Clamp nut	40 cm.N

CONNECTOR PARTS MATERIALS

BODY	BRASS
OUTER CONTACT	BERYLLIUM COPPER
CENTER CONTACT	BERYLLIUM COPPER
INSULATOR	PTFE
GASKET	
OTHERS PIECES	BRASS

FINISH

(all values are given in micrometers)

GOLD 0.2 OVER NICKEL 2
GOLD 0.5 OVER NICKEL 2
GOLD 1.3 OVER NICKEL 2
-
-
GOLD 0.2 OVER NICKEL 2

TRIPIER

ISSUE	CREATION DATE	FILE PART-NUMBER
0701 E	20/05/1992	91-0019-003


RADIALL®

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

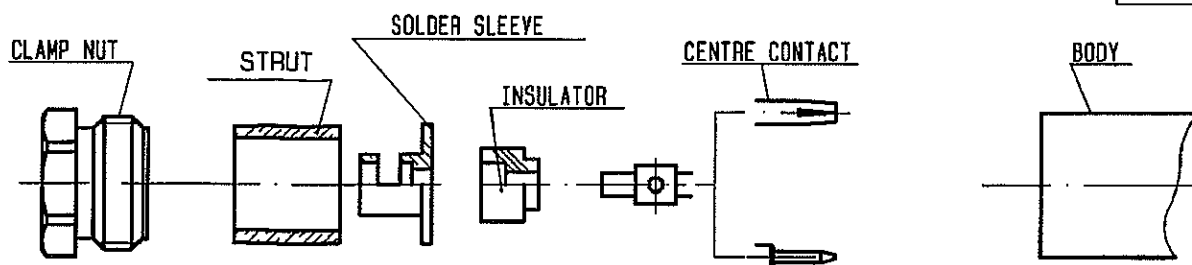
Connect to the future



RADIAL[®]

R114.003.420

ISSUE	0701 E	SERIES
		SMB

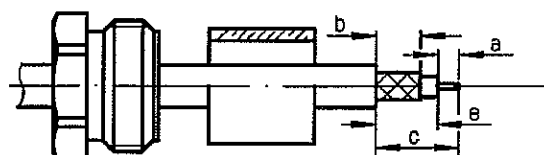


1

Slide the clamp nut ,the strut onto the cable

Strip the cable .

Dip tinned centre conductor of cable .

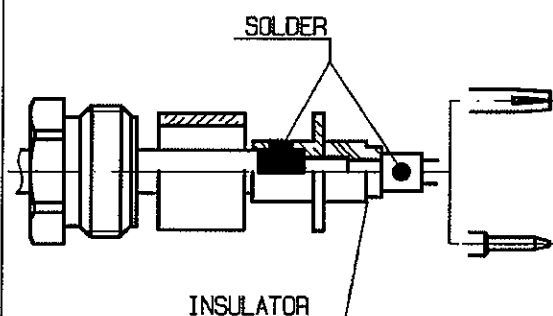
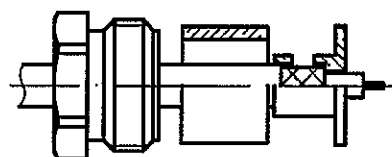


Stripping	a	b	c	d	e
inch	0.059	0.118	0.307	0	0.248
mm	1.5	3	7.8		6.3

2

Solder the solder sleeve onto the braid .
Slide the insulator until it bottoms
against the solder sleeve .

Solder the centre contact until it bottoms against insulator .



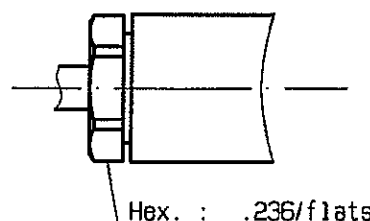
3

Screw sub-assembly into the connector body .

(recommended coupling torque 3.53 in.lb)

Ref. wrench .235/flats : R282 318 000

Ref. wrench .250/flats : R282 319 010



Hex. : .236/flats