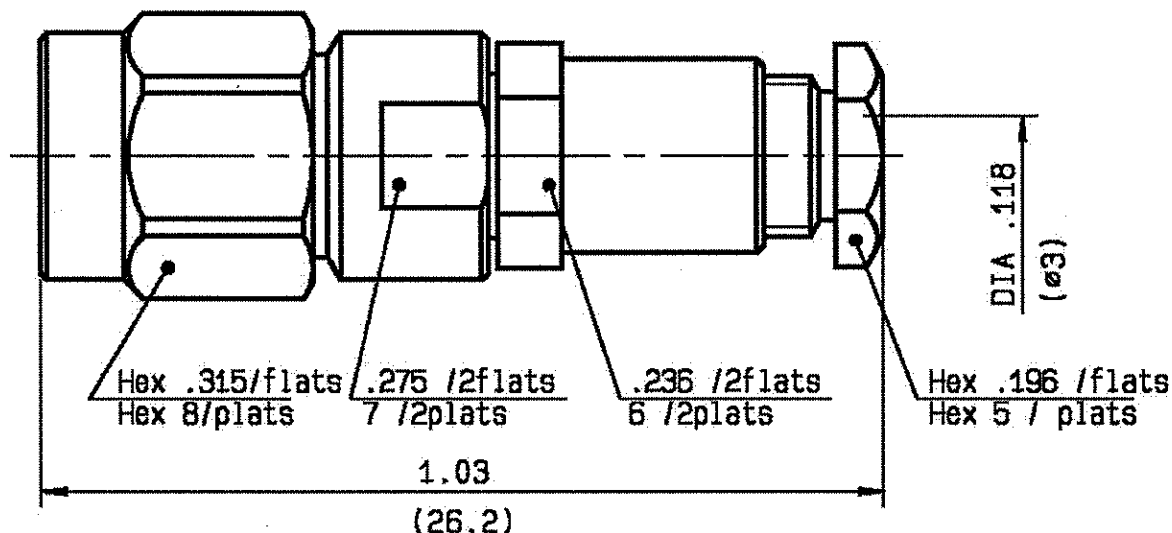


STRAIGHT PLUG CLAMP TYPE
CABLE 2.6/50 8
R125.091.001
SERIES
SMA


NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-12.4 GHz
TEMPERATURE RATING	-65/+165 °C
V.S.W.R	1.15 + .02 x F(GHz)Max1
RF INSERTION LOSS	0.06 $\sqrt{F}$ (GHz) dB Max1
VOLTAGE RATING	250 Veff Max1
DIELECTRIC WITHSTANDING VOLTAGE	750 Veff Min1
INSULATION RESISTANCE	5000 M Ω Min1
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	0 gr
SPECIFICATION	

CABLES : KX 22A
 RB 188
 RB 318

OTHERS CHARACTERISTICS

CABLE RETENTION	90 N Min1
CENTER CONTACT RETENTION	
Axial force - mating end	27 N Min1
Axial force - opposite end	27 N Min1
Torque	NA cm.N Min1
RECOMMENDED TORQUES	
Mating	100 cm.N
Panel nut	NA cm.N
Clamp nut	100 cm.N

CONNECTOR PARTS: MATERIALS

BODY	STAINLESS STEEL
OUTER CONTACT	
CENTER CONTACT	BRASS
INSULATOR	PTFE
BASKET	SILICONE RUBBER
OTHERS PIECES	BRASS

FINISH

PASSIVATED .

GOLD 1.3 OVER NICKEL 2

NICKEL 2

 (all values are given
 in micrometers)

ISSUE
0826 C00
CREATION DATE
17/04/1989
FILE PART-NUMBER

-


RADIALL®

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

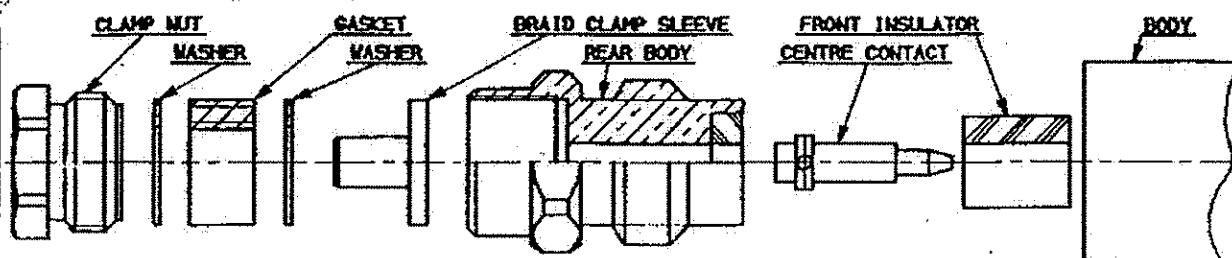
Connect to the future

STRAIGHT PLUG , CLAMP VERSION FOR
2.6/50 CABLE

SERIES,

SMA

02/02

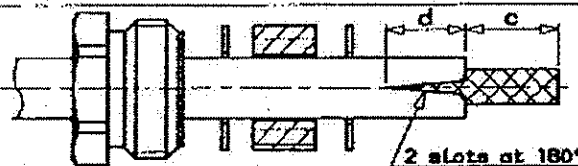


①

1-1 Slide the clamp nut, the 1st washer, the gasket and the 2nd washer onto the cable .

1-2 Strip the cable .

1-3 Cut the jacket (2 slots) .



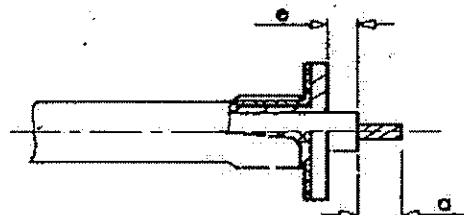
Stripping	a	b	c	d	e
Inch	-	-	.196	.177	.044
mm	-	-	5	4.5	0.3

②

2-1 Slide clamp braid sleeve over braid .

2-2 Cut the braid flush with the clamp braid sleeve .

2-3 Strip the dielectric as shown .



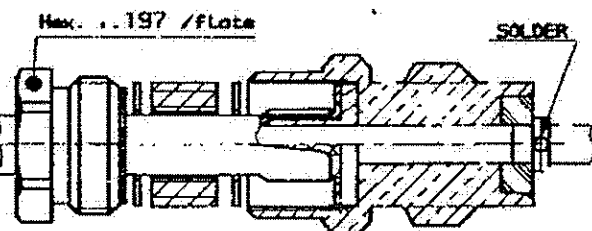
③

3-1 Screw sub-assembly into the connector rear body (coupling torque 3.54 in. lb)

3-2 Slide centre contact over centre conductor until it bottoms against insulator

3-3 Solder centre contact .

3-4 Mount front insulator .

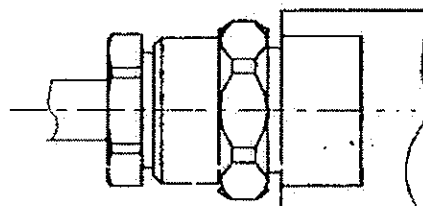


④

4-1 Screw sub-assembly into the connector body .

Recommended coupling torque

8.86 in. lb



ISSUE	REVISION No	DESCRIPTION	BY	DATE

Initiated on

Superseded on

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Mouser Electronics

Authorized Distributor

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[R125091001](#) [R125091001W](#)