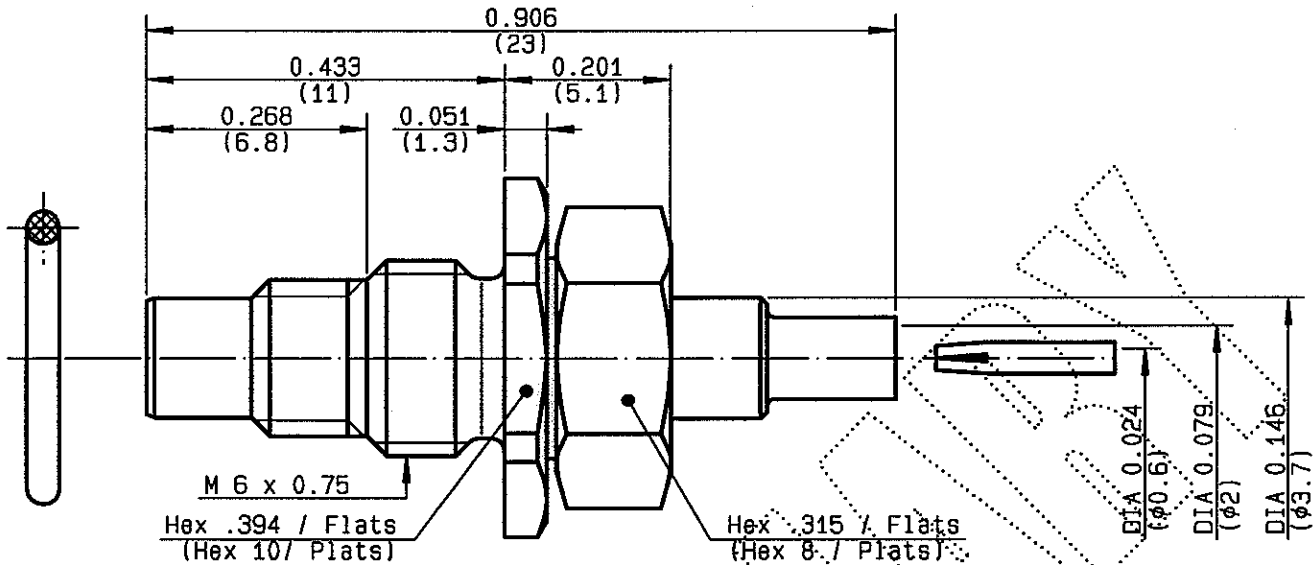


**STRAIGHT JACK; FLANGE TYPE; HERMETIC;  
DIRECT CRIMPING; CABLE RG178; COND. 100**

**R112.345.027**  
**SERIES SMC**



NOMINAL IMPEDANCE	50 $\Omega$
FREQUENCY RANGE	0-10 GHz
TEMPERATURE RATING	-65/+165 °C
V.S.W.R	1.25 + .04 x F(GHz) Maxi
RF INSERTION LOSS	TBD $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	250 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	750 Veff Mini
INSULATION RESISTANCE	1000 M $\Omega$ Mini
HERMETIC SEAL	5*10 <sup>-5</sup> Atm.cm <sup>3</sup> /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	gr
SPECIFICATION	

## CABLES

## OTHERS CHARACTERISTICS

CABLE RETENTION	58	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	18.1	N Mini
Axial force - opposite end	18.1	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	30	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

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

ISSUE	CREATION DATE	FILE PART-NUMBER
9827A00	30-JUN-98	94-0104-420



**RADIAL**<sup>®</sup>

Connect to the future

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

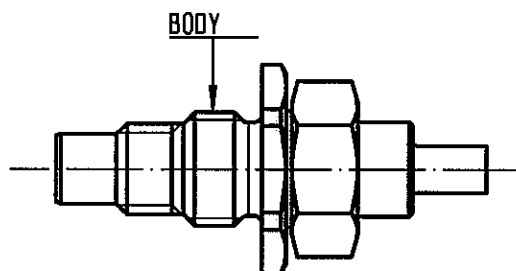


**RADIALL®**

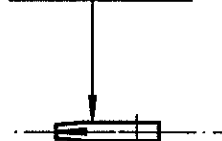
**R112.345.027**

ISSUE 9827A00

SERIES  
SNC



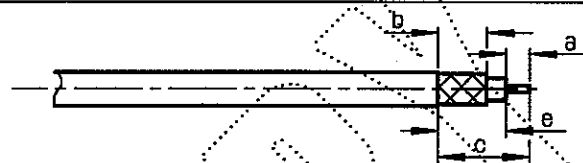
CENTER-CONTACT



①

Strip the cable .

-  
-

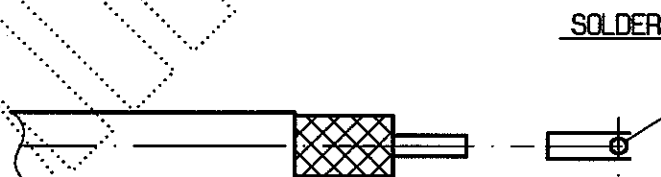


Stripping	a	b	c	d	e
inch	0.059	0.098	0.197	0	0.138
mm	1.5	2.5	5		3.5

②

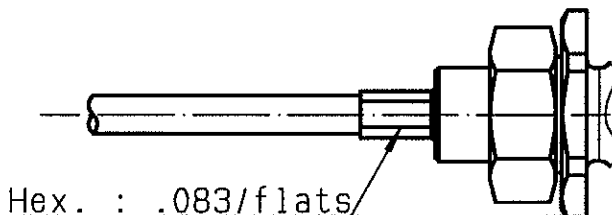
Slide on the center contact until  
it bottoms against cable  
dielectric .  
Solder the center contact .

-



③

Slide the cable into the body .  
Crimp the body .



Hex. : .083/flats