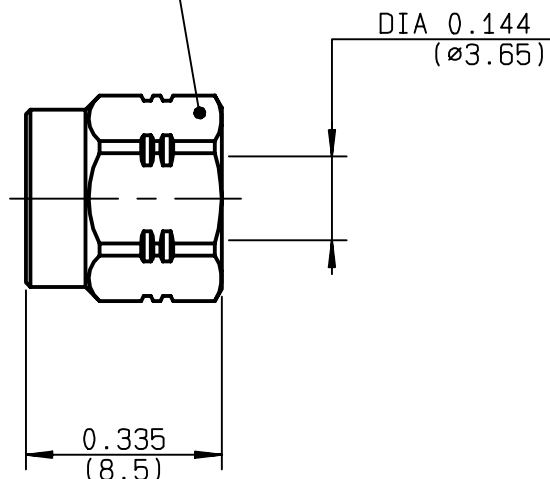


STRAIGHT PLUG SOLDER TYPE
CABLE .141
R124.054.003
SERIES SMA-COM

Hex .315/flats
(hex. 8/Plats)


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-18	GHz
TEMPERATURE RATING	-65/+105	$^{\circ}\text{C}$
V.S.W.R	1.05 + .01 x F(GHz)Maxi	
RF INSERTION LOSS	0.05 $\sqrt{F}$ (GHz) dB Maxi	
VOLTAGE RATING	500	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000	Veff Mini
INSULATION RESISTANCE	5000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	100	Cycles
WEIGHT	2.1	gr
SPECIFICATION		

CABLES : **KS 2**
RG 402

OTHERS CHARACTERISTICS

CABLE RETENTION	270	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	NA	N Mini
Axial force - opposite end	NA	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	60	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS	MATERIALS	FINISH (all values are given in micrometers)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
OUTER CONTACT		
CENTER CONTACT		
INSULATOR		-
GASKET	SILICONE RUBBER	-
OTHERS PIECES	BRASS	GOLD 0.2 OVER NICKEL 2

TRIQUES

ISSUE	CREATION DATE	FILE PART-NUMBER
9847A01	17/07/1996	96-1200-066


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

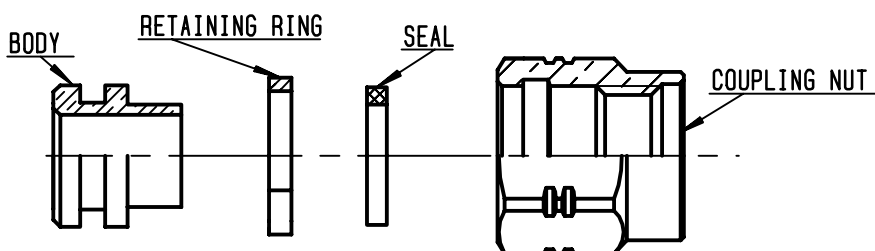


R124.054.003

ISSUE 9847A01

SERIES

SMA-COM



we recommend a cable thermal preconditionning before assembling

①

Place the cable into the assembly jig (R282.740.000)

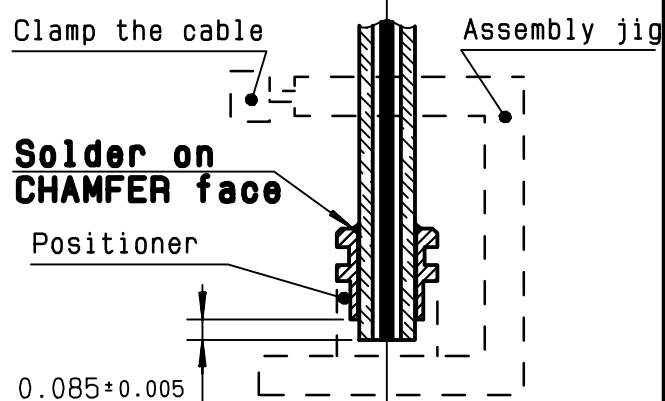
Place the connector body and positioner (R282.744.100) onto the cable and clamp cable.

Put 3 rings of solder around the cable.

Solder the body onto the cable.

-

-



②

Immobilize the cable using the thumb crew on the cable holder (R282.059.100).

Get the positioner into the connector groove, using knurled push-button.

Push button until it stops.

Tighten cable.

Present the stripping tool (R282.053.100) opposite the cable holder.

Push and turn both elements with respect to each other.

When the tool stop cutting : pull off without turning it.

Present the trimmer (R282.066.100) opposite the cable holder, push and turn both elements with respect to each other until fully home.

Place retaining ring onto its insert tool (R282.760.000).

Push sub-assembly into the tool until the retaining ring snaps into place.

Place the interface seal O ring onto body.

Compress retaining ring using retaining ring pliers. Push coupling nut onto sub-assembly and over retaining ring.

