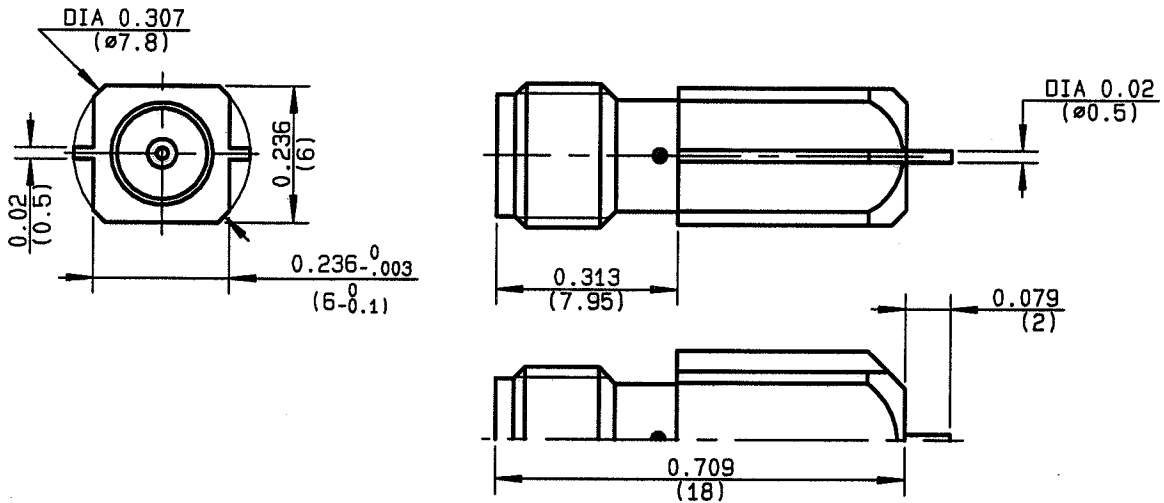


**STRAIGHT JACK RECEPTACLE SMT
EDGE CARD TYPE**
R124.423.033
SERIES SMA B


NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-18 GHz
TEMPERATURE RATING	-65/+105 °C
V.S.W.R	1.05 + .05 x F(GHz)Maxi
RF INSERTION LOSS	.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
PACKAGE (pressurized only)	NA
MECHANICAL DURABILITY	100 Cycles
WEIGHT	3.07 gr
SPECIFICATION	

CABLES :

OTHERS CHARACTERISTICS

UNIT PACKAGING

CABLE RETENTION	NA	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	15	N Mini
Axial force - opposite end	15	N Mini
Torque	0.5	cm.N Mini
RECOMMENDED TORQUES		
Mating	40	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS: MATERIALS

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

FINISH

(all values are given)
(in micrometers)

GOLD 0.2 OVER NICKEL 2
GOLD 1.3 OVER COPPER 2.5
-
-

ISSUE

9811B00

CREATION DATE

16-JAN-97

FILE PART-NUMBER

96-0019-025


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

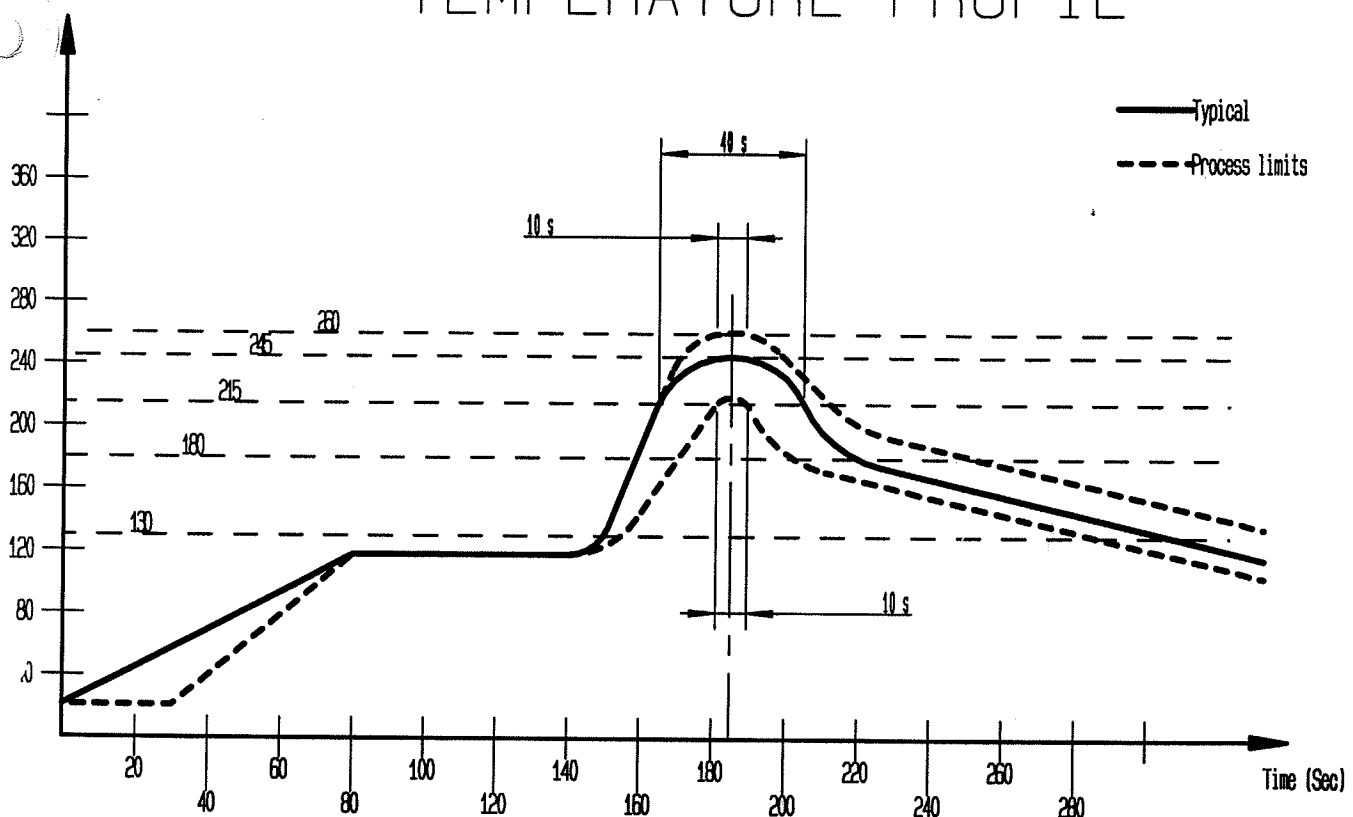
**RADIALL®****R124.423.033**ISSUE **9811B00**SERIES
SMA B

SOLDER PROCEDURE

- 1 - Deposit solder paste "Sn63Pb35Ag2" on mounting zone by screen printing application. We recommend a low Residue Solid flux.
We advise a thickness of 200 micromm (7.800 microinch). Verify that the edges of the zone are clean.
- 2 - Placement of the receptacle on the mounting zone with an automatic machine of "pick and place" type. Aspiration port (see page 3/3) centered into body and push against it.
Video camera is preferred to check the positionning of the component. (See page 3)
Adhesive agents are forbidden on the receptacle.
- 3 - Soldering by infra-red reflow.
We give under, the typical profile to use.
- 4 - Cleaning of printed circuit boards .
- 5 - Checking of solder joints and position of the component by visual inspection.

Temperature (Degre C)

TEMPERATURE PROFIL



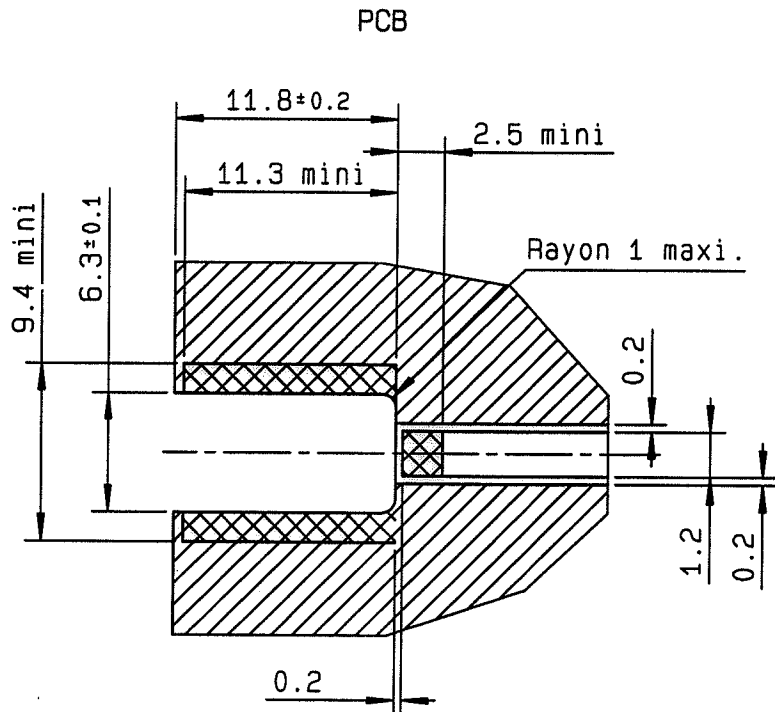


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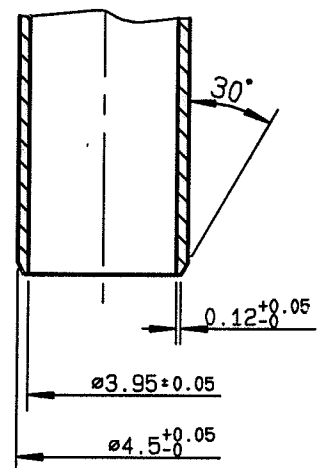
R124.423.033

ISSUE **9811B00**

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SMA B



ASPIRATION PORT



COPLANAR LINE

Pattern and signal are on the same side
Thickness of PCB : .063 (1.6 mm)
The material of PCB is the epoxy resin
of glass fabrics baacs. (Er = 4.8)
The solder resist should be printed
except for the land pattern on the PCB.

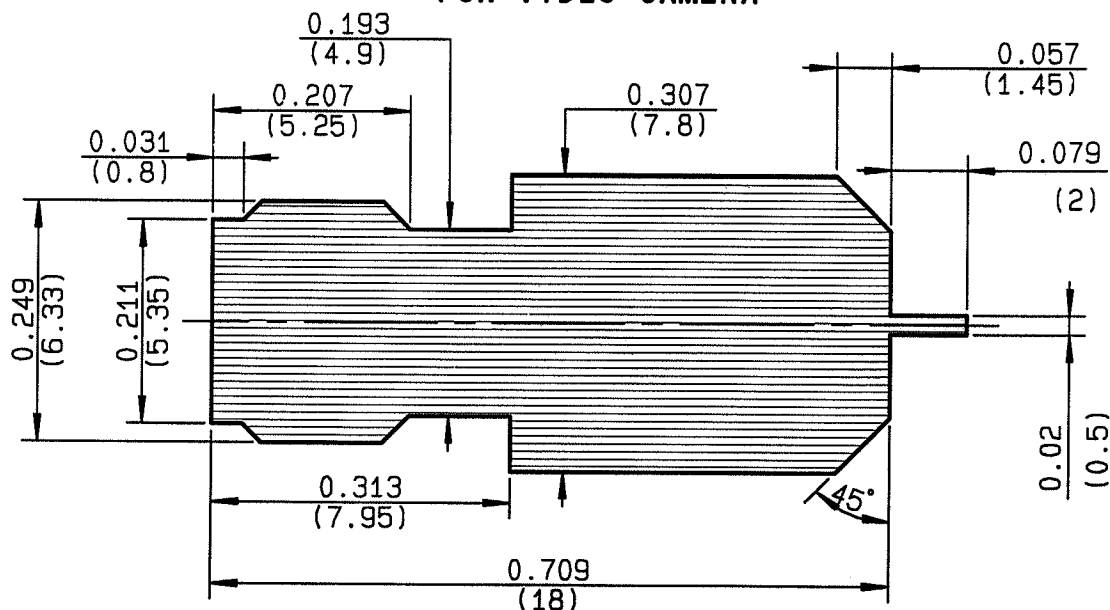


Pattern



Land for solder paste

**SHADOW OF MCX RECEPTACLE
FOR VIDEO CAMERA**



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R124423033](#)