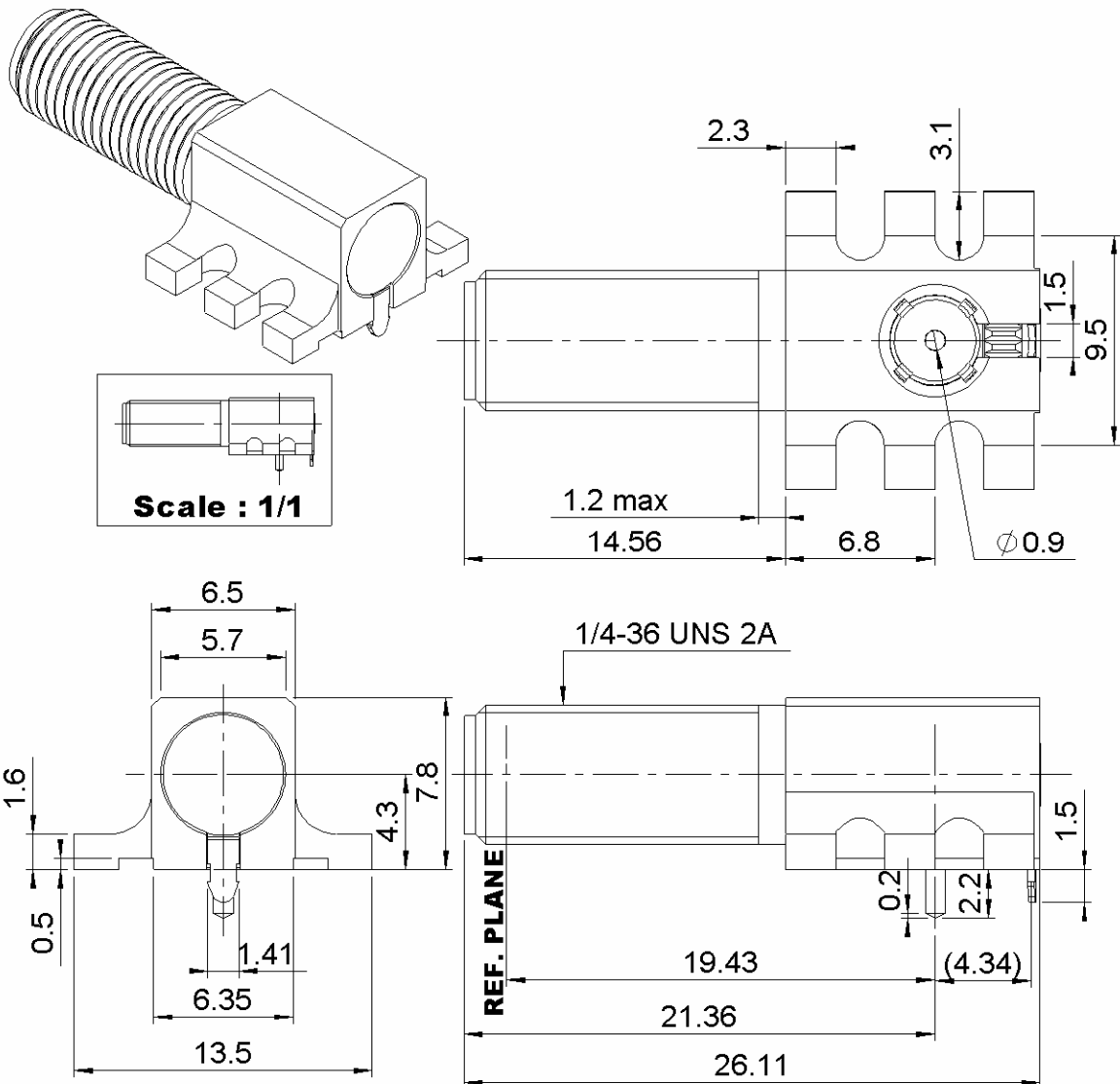


**RIGHT ANGLE SMT RECEPTACLE**

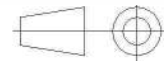
**REEL PACKAGING PER 250**

**R124.682.833**

Series : SMA-COM



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	NPGR
CENTER CONTACT	BERYLLIUM COPPER	NPGR
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS	BRASS	GOLD OVER COPPER
.	.	.
.	.	.

Issue : 1222 C

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**RIGHT ANGLE SMT RECEPTACLE**

**R124.682.833**

**REEL PACKAGING PER 250**

Series : SMA-COM

**PACKAGING**

**SPECIFICATION**

Standard	Unit	Other
<b>250</b>	<b>'W' option</b>	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-18</b>	GHz
VSWR	<b>*1.15 + 0,0400</b>	x F(GHz) Maxi
Insertion loss	<b>0.16</b>	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	<b>- ( 90</b>	- F(GHz)) dB Maxi
Voltage rating	<b>350</b>	Veff Maxi
Dielectric withstanding voltage	<b>1000</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

Operating temperature	<b>-65/+165</b>	$^{\circ}$ C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**OTHER CHARACTERISTICS**

Assembly instruction **NA**

Others :

\*Coaxial transmission line only

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>15</b>	N mini
Axial force – Opposite end	<b>15</b>	N mini
Torque	<b>NA</b>	N.cm mini
Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>110</b>	N.cm
Mating life	<b>100</b>	Cycles mini
Weight	<b>7,6630</b>	g

Issue : 1222 C

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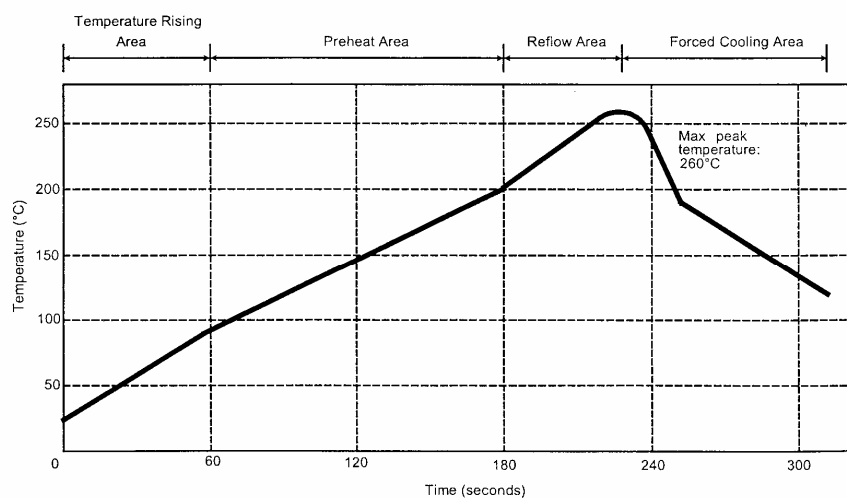


**RIGHT ANGLE SMT RECEPTACLE****R124.682.833****REEL PACKAGING PER 250**

Series : SMA-COM

**SOLDER PROCEDURE**

1. Deposition of solder paste 'Sn Ag4 Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux.  
We advise a thickness of 150 micronmm ( 5.850 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.  
Video camera is recommended for the positioning of the component. Adhesive agents must not be used on the receptacle.
3. Soldering by infra-red reflow.  
Below, please find 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 PROFILE****Issue : 1222 C**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RADIALL** 

**RIGHT ANGLE SMT RECEPTACLE**

**R124.682.833**

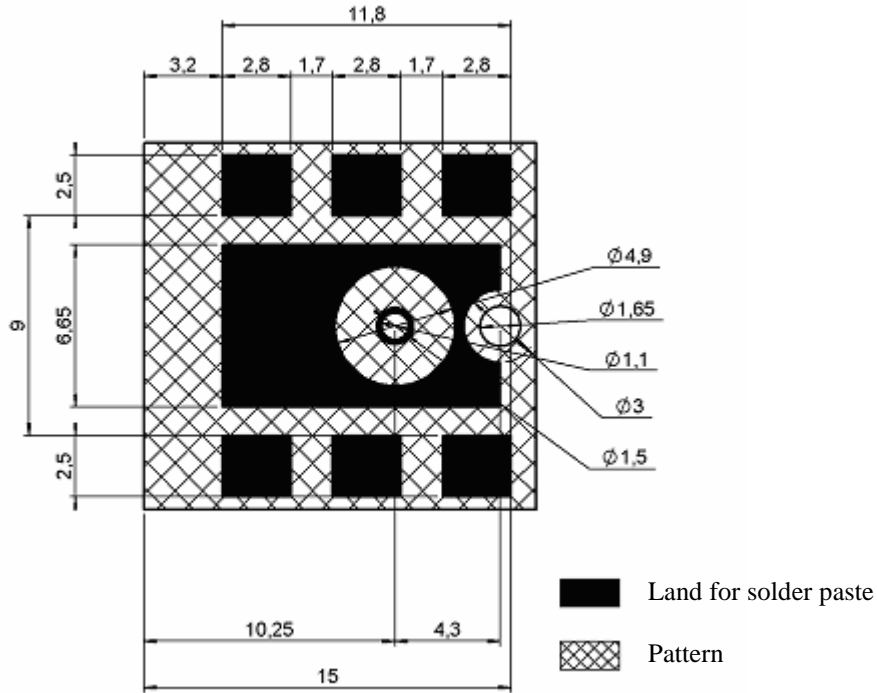
**REEL PACKAGING PER 250**

Series : SMA-COM

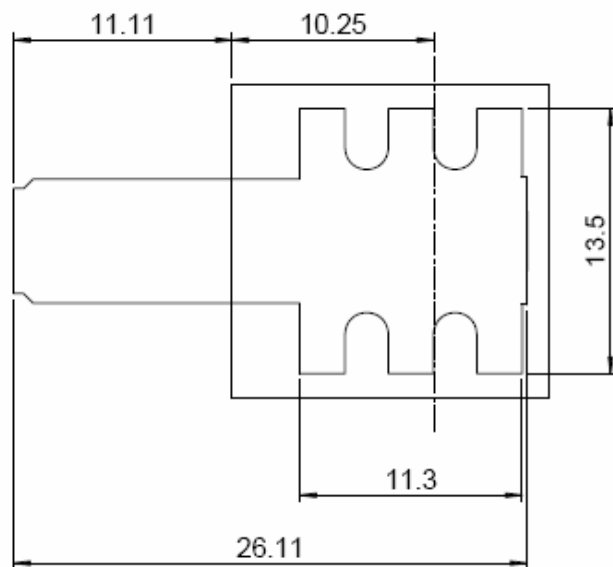
**SMA SERIES - INFORMATION**

Coplanar line : pattern and signal are on the same side . Thickness of PCB : .063(1.6mm)

The material of PCB is the epoxy resin of glass fabrics bac . (Er = 4.8) . The solder resist should be printed except for the land pattern on the PCB .



**SHADOW OF SMA RECEPTACLE FOR VIDEO CAMERA**



Issue : 1222 C

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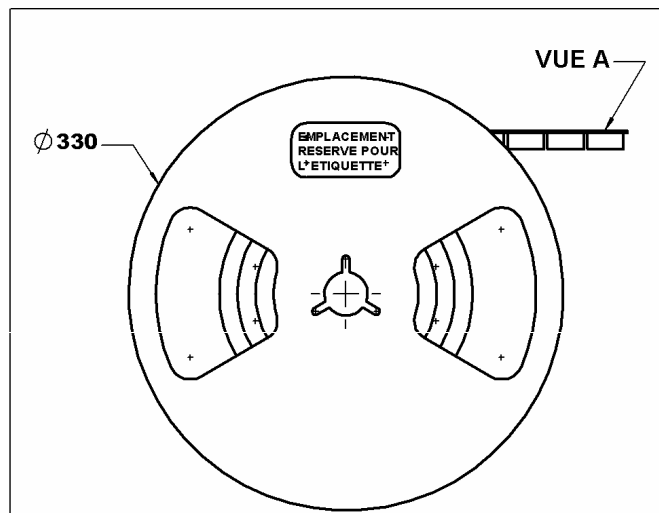


**RIGHT ANGLE SMT RECEPTACLE**

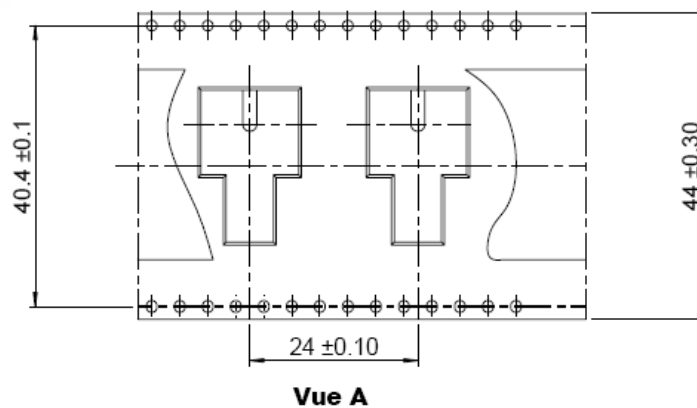
**REEL PACKAGING PER 250**

**R124.682.833**

Series : SMA-COM



bobine Ech :0.7



**Note: Reel package don't include nut and washer, which are packaged in box.**

Issue : 1222 C

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