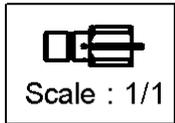
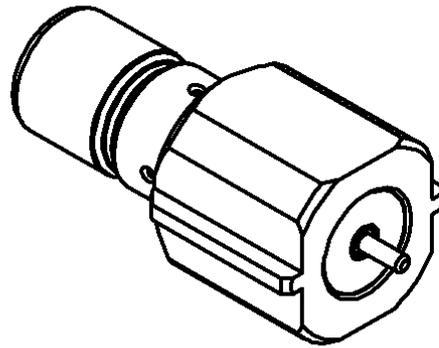
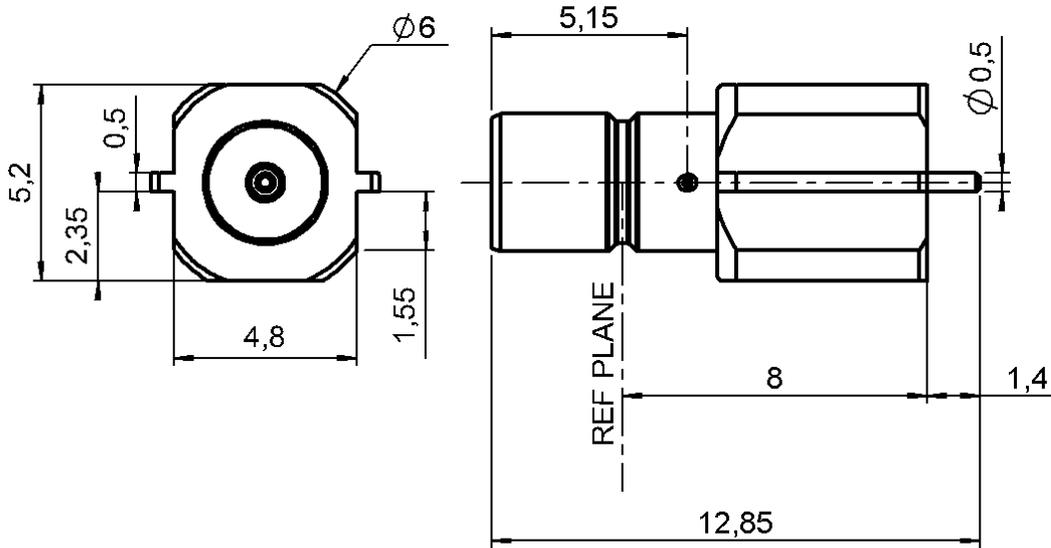


**STRAIGHT JACK RECEPTACLE FOR PCB SMT TYP**  
**EDGE CARD - REEL OF 500**

**R114.423.810**

Series : SMB



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
.	.	.
.	.	.

Issue : 0228 A

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



**STRAIGHT JACK RECEPTACLE FOR PCB SMT TYP**  
**EDGE CARD - REEL OF 500**

**R114.423.810**

Series : SMB

**PACKAGING**

**SPECIFICATION**

Standard	Unit	Other
500	-	Contact us

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance		<b>50</b> Ω
Frequency		<b>0-4</b> GHz
VSWR	<b>1.05</b> +	<b>0.008</b> x F(GHz) Maxi
Insertion loss		<b>0.03*</b> √F(GHz) dB Maxi
RF leakage	- (	<b>55</b> - F(GHz)) dB Maxi
Voltage rating		<b>500</b> Veff Maxi
Dielectric withstanding voltage		<b>1000</b> Veff mini
Insulation resistance		<b>5000</b> MΩ mini

Operating temperature	<b>-65/+165</b> °C
Hermetic seal	<b>NA</b> Atm.cm3/s
Panel leakage	<b>NA</b>

**OTHERS CHARACTERISTICS**

Assembly instruction **NA**

Others :

\*COAXIAL TRANSMISSION LINE ONLY

**MECHANICAL CHARACTERISTICS**

Center contact retention	
Axial force – Mating end	<b>10</b> N mini
Axial force – Opposite end	<b>10</b> N mini
Torque	<b>NA</b> N.cm mini
Recommended torque	
Mating	<b>NA</b> N.cm
Panel nut	<b>NA</b> N.cm
Mating life	<b>500</b> Cycles mini
Weight	<b>860.330</b> g

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STRAIGHT JACK RECEPTACLE FOR PCB SMT TYP

**R114.423.810**

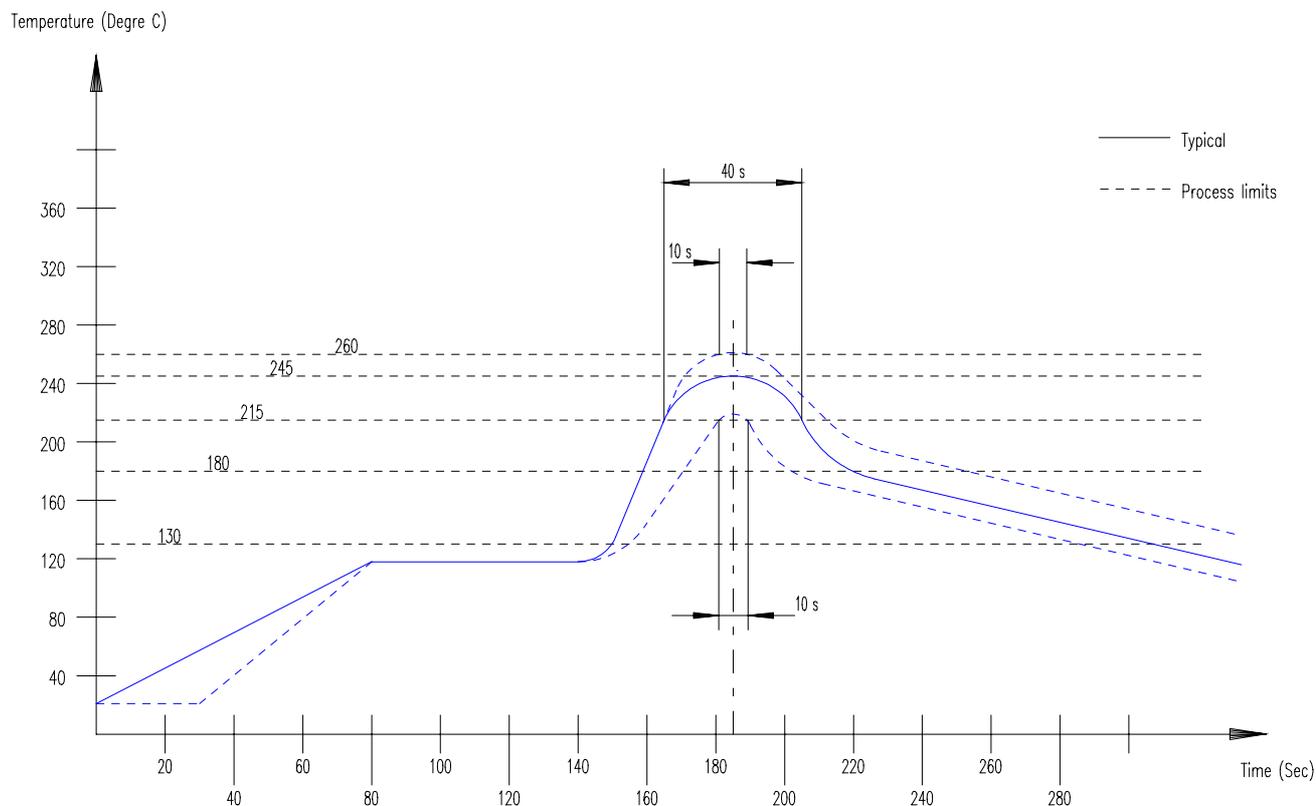
EDGE CARD - REEL OF 500

Series : SMB

**SOLDER PROCEDURE**

1. Deposit solder paste 'SN62RP11AGS90' on mounting zone by screen printing application. We recommend a low residue flux.  
We advise a thickness of 150 micromm ( 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. A video camera is recommended for positioning of the component . Adhesive agents must not be used on the receptacle.
3. This process of soldering has been tested with convection oven .Below please find ,the typical profile to use.
4. The cleaning of printed circuit boards is not obliged .
5. Verification of solder joints and position of the component by visual inspection.

**NOTE** : The receptacle and the plug must not be mated before completion of this procedure

**TEMPERATURE PROFIL**

Issue : 0228 A

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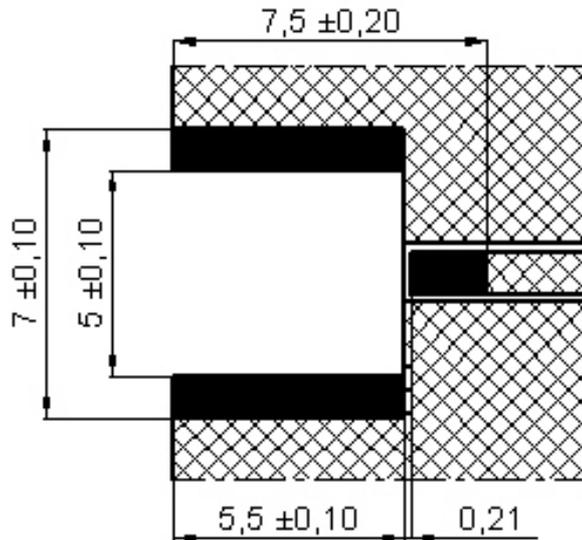


**STRAIGHT JACK RECEPTACLE FOR PCB SMT TYP  
EDGE CARD - REEL OF 500**

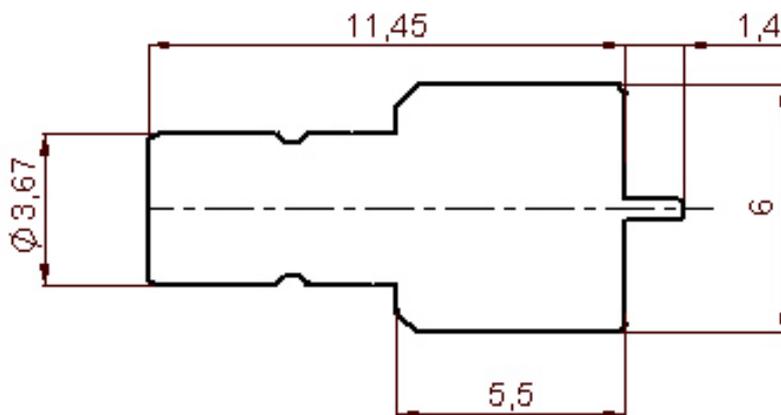
**R114.423.810**

Series : SMB

**SMB SERIE - INFORMATIONS**



**FOR VIDEO CAMERA  
SHADOW OF SMB RECEPTACLE**



Issue : 0228 A

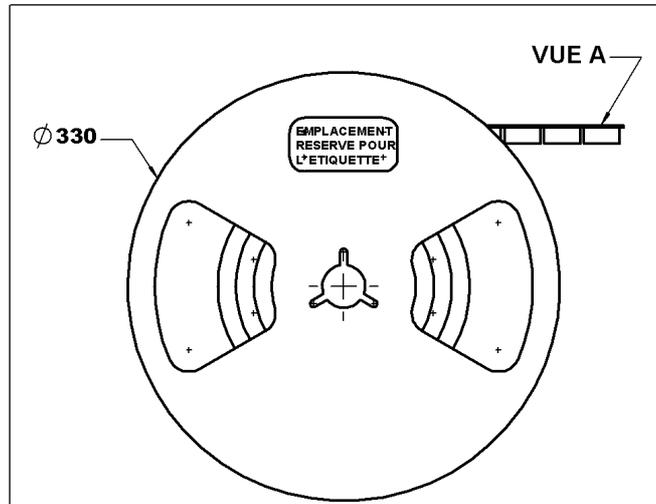
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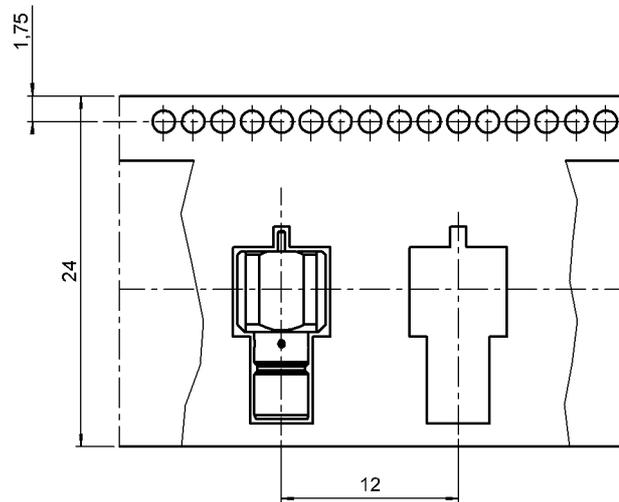
**STRAIGHT JACK RECEPTACLE FOR PCB SMT TYP**  
**EDGE CARD - REEL OF 500**

**R114.423.810**

Series : SMB



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View A

Issue : 0228 A

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