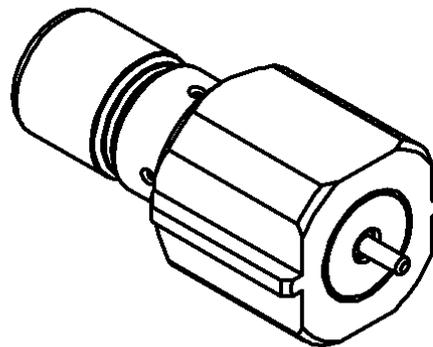
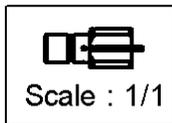
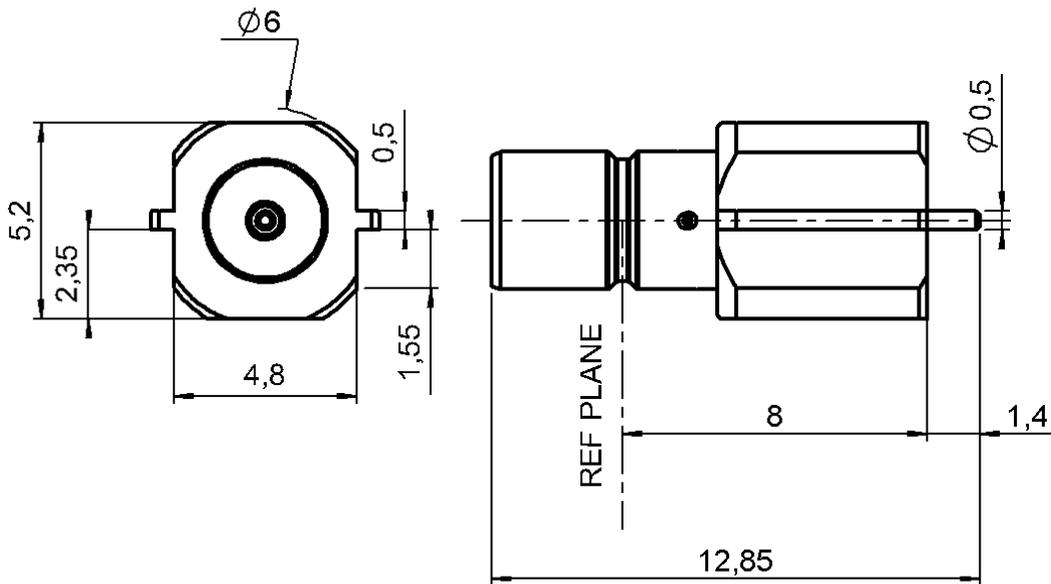


SMT JACK RECEPTACLE FOR EDGE CARD

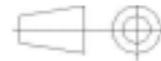
R114.423.820

PACK REEL 100

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 : 0147 A

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



SMT JACK RECEPTACLE FOR EDGE CARD

R114.423.820

PACK REEL 100

Series : SMB

PACKAGING

SPECIFICATION

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

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

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

OTHERS CHARACTERISTICS

Assembly instruction **NA**

Others :
 *COAXIAL TRANSMISSION LINE ONLY

MECHANICAL CHARACTERISTICS

Center contact retention
 Axial force – Mating end **10** N mini
 Axial force – Opposite end **10** N mini
 Torque **NA** N.cm mini

Recommended torque
 Mating **NA** N.cm
 Panel nut **NA** N.cm

Mating life **500** Cycles mini
 Weight **370.000** g

Issue : 0147 A

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SMT JACK RECEPTACLE FOR EDGE CARD

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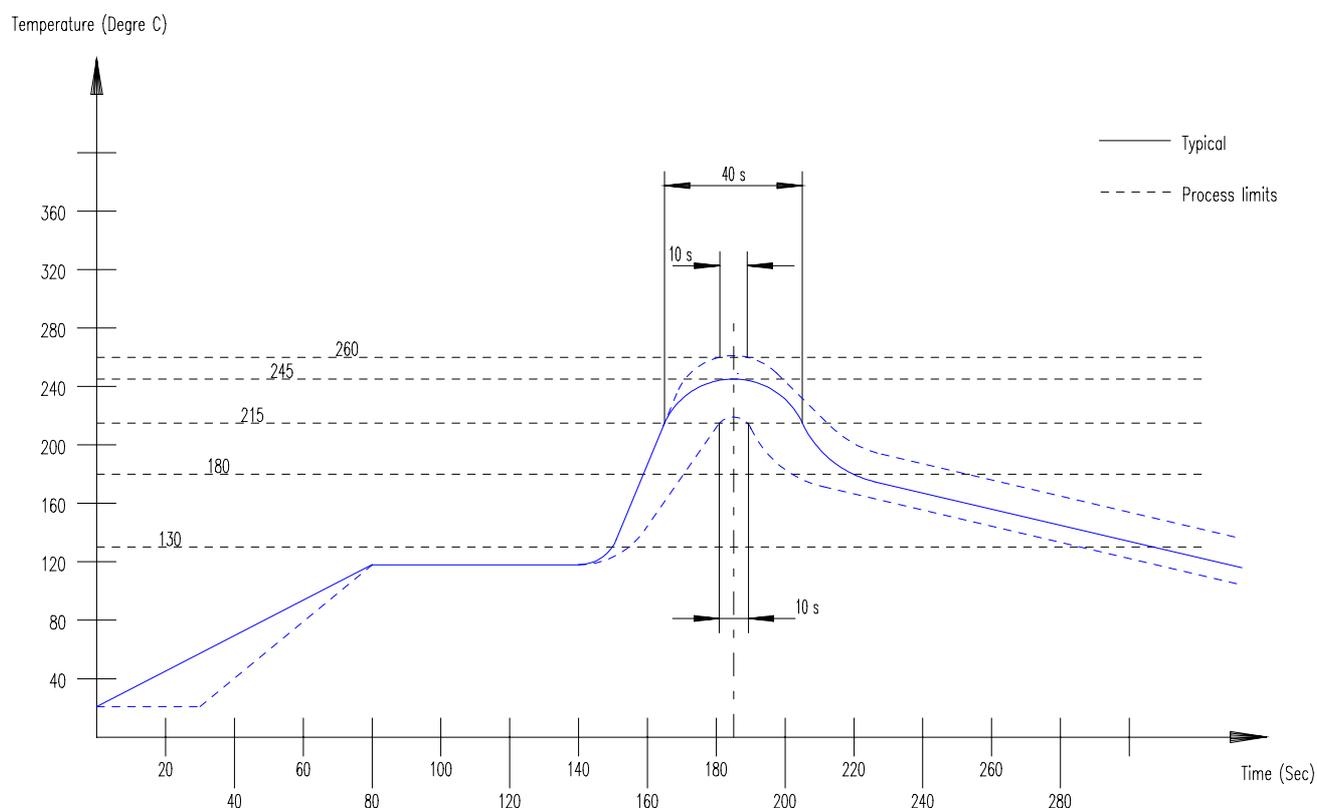
PACK REEL 100

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 : 0147 A**

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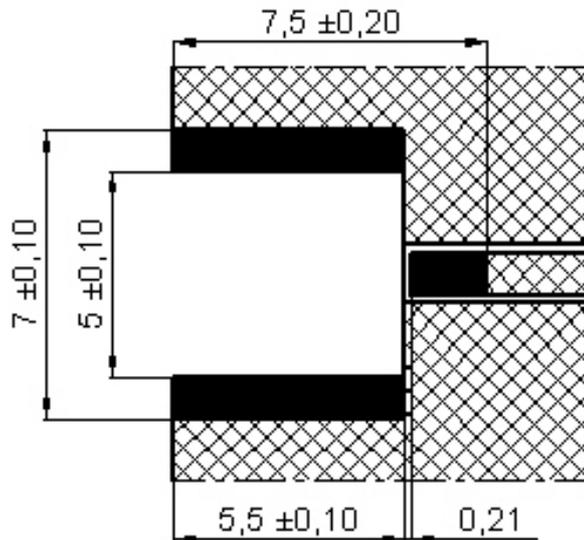
SMT JACK RECEPTACLE FOR EDGE CARD

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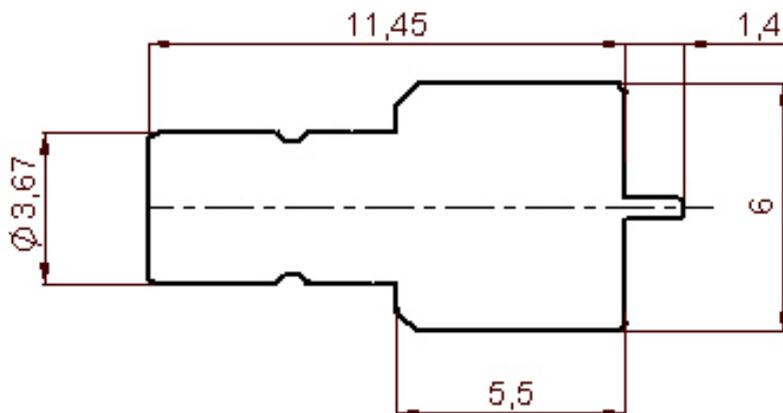
PACK REEL 100

Series : SMB

SMB SERIE - INFORMATIONS



**FOR VIDEO CAMERA
SHADOW OF SMB RECEPTACLE**



Issue : 0147 A

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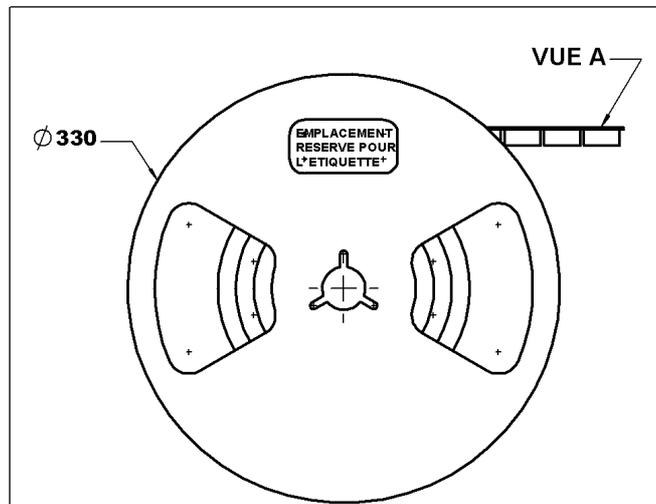


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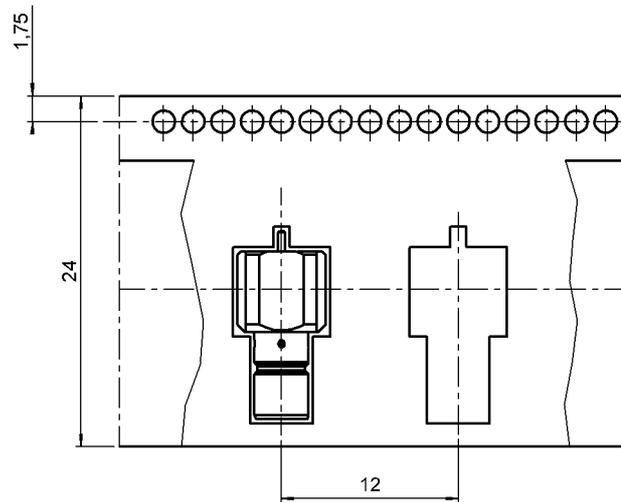
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PACK REEL 100

Series : SMB



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View A

Issue : 0147 A

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