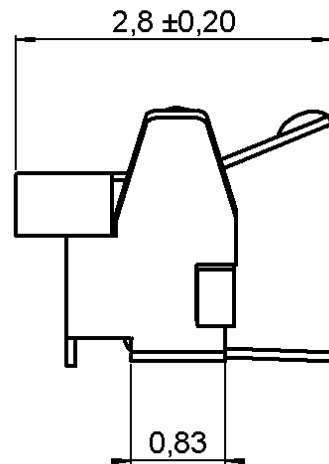
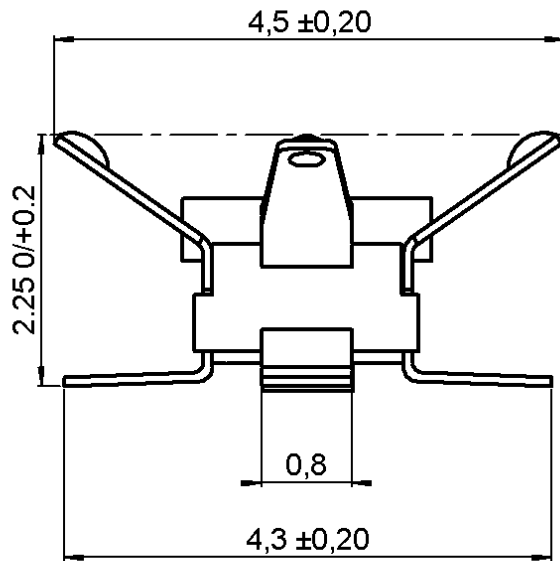


BOARD TO BOARD ADAPTOR H=2MM

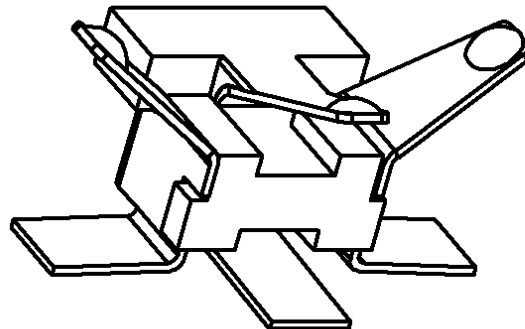
REEL OF 3500

R107.064.080

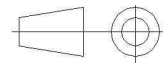
Series : IMP



Scale : 1/1



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
INSULATOR	POLYETHER ETHERCETONE 30% GF	
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-



Australian Representatives
ROJONE, PTY LTD.
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Issue : 1343 B

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



BOARD TO BOARD ADAPTOR H=2MM**R107.064.080****REEL OF 3500**Series : **IMP****PACKAGING**

Standard	Unit	Other
3500	-	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.5 + 0,0000	x F(GHz) Maxi
Insertion loss	0.3	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	100	Veff Maxi
Dielectric withstanding voltage	350	Veff mini
Insulation resistance	3000	M Ω mini

ENVIRONMENTAL

Operating temperature	-40/+90	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHERS CHARACTERISTICS

Assembly instruction

Others :

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	NA N mini
Axial force – Opposite end	NA N mini
Torque	NA N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm
Mating life	10 Cycles mini
Weight	0,0130 g

Issue : 1343 B

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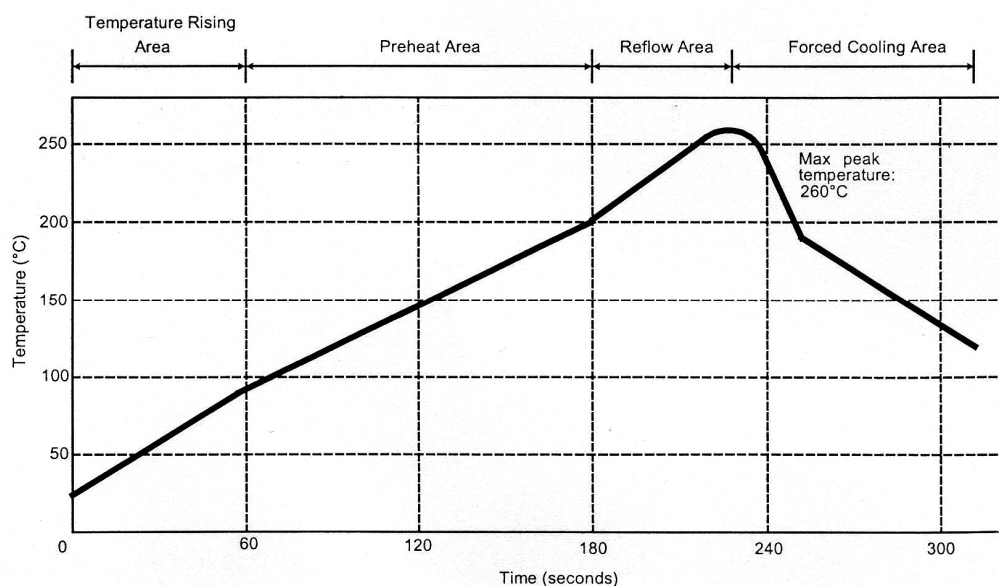
BOARD TO BOARD ADAPTOR H=2MM**REEL OF 3500****R107.064.080**

Series : IMP

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 microns (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. This process of soldering has been tested with convection oven.
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



Parmeter	Value	Unit
Temperature rising Area	1 - 4	°C/sec
Max Peak Temperature	260	°C
Max dwell time @260°C	10	sec
Min dwell time @235°C	20	sec
Max dwell time @235°C	60	sec
Temperature drop in cooling Area	-1 to - 4	°C/sec
Max dwell time above 100°C	420	sec

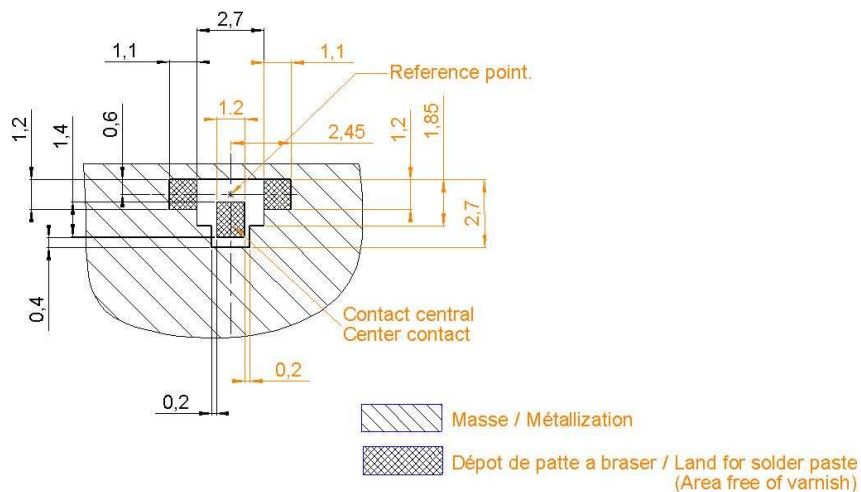
Issue : 1343 B

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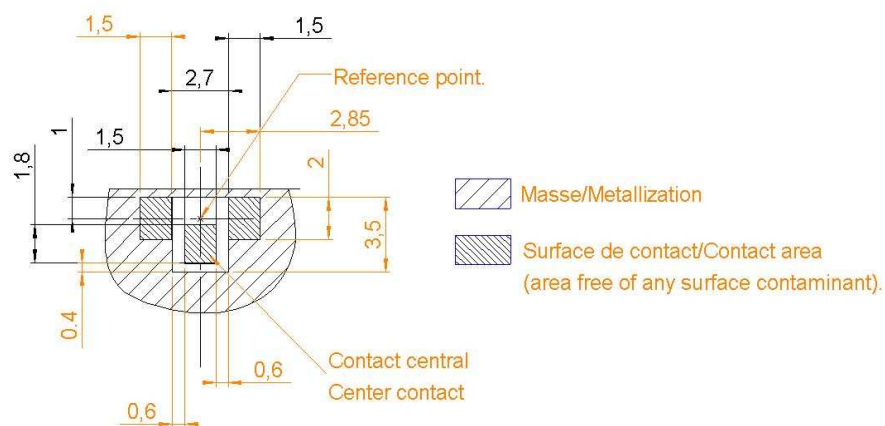


BOARD TO BOARD ADAPTOR H=2MM**R107.064.080****REEL OF 3500**Series : **IMP****IMP SERIES INFORMATION**

All dimension are in mm

PCB 1

Vias and transmission line inside PCB are not represented.
The impedance of the transmission line should be 50 ohms

PCB 2

Vias and transmission line inside PCB are not represented.
The impedance of the transmission line should be 50 ohms

RADIAL MISALIGNMENT IN MM : 0.2 IN INCH : .008

Issue : 1343 B

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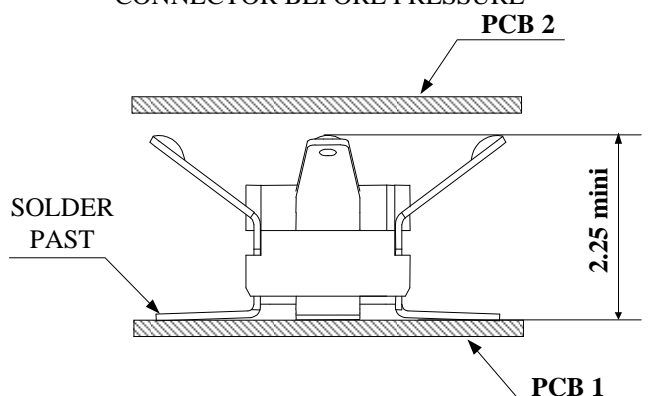
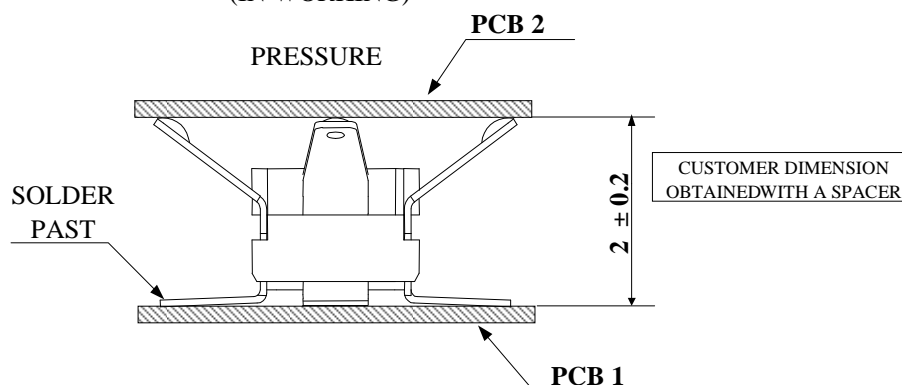
BOARD TO BOARD ADAPTOR H=2MM

R107.064.080**REEL OF 3500**

Series : IMP

IMP-SERIES-INFORMATION

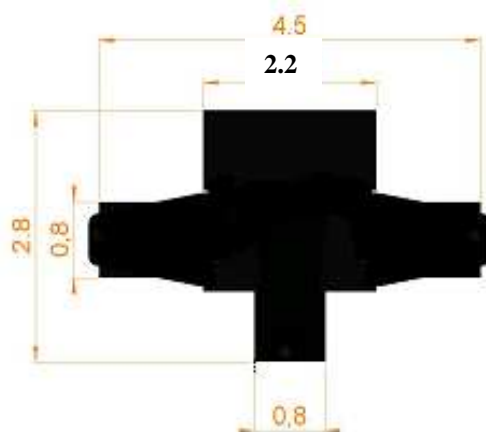
CONNECTOR BEFORE PRESSURE

CONNECTOR IN PRESSURE
(IN WORKING)

THE CONNECTOR IS NOT A SPACER, SO THE 2 ± 0.2 DIMENSION A MUST BE ENSURED WITH AN ADDED PIECE. PART SETTED 10 mm MAX. FAR FROM THE IMP CONNECTOR.

Shadow of IMP receptacle
for video camera.

All dimensions are in mm.



Issue : 1343 B

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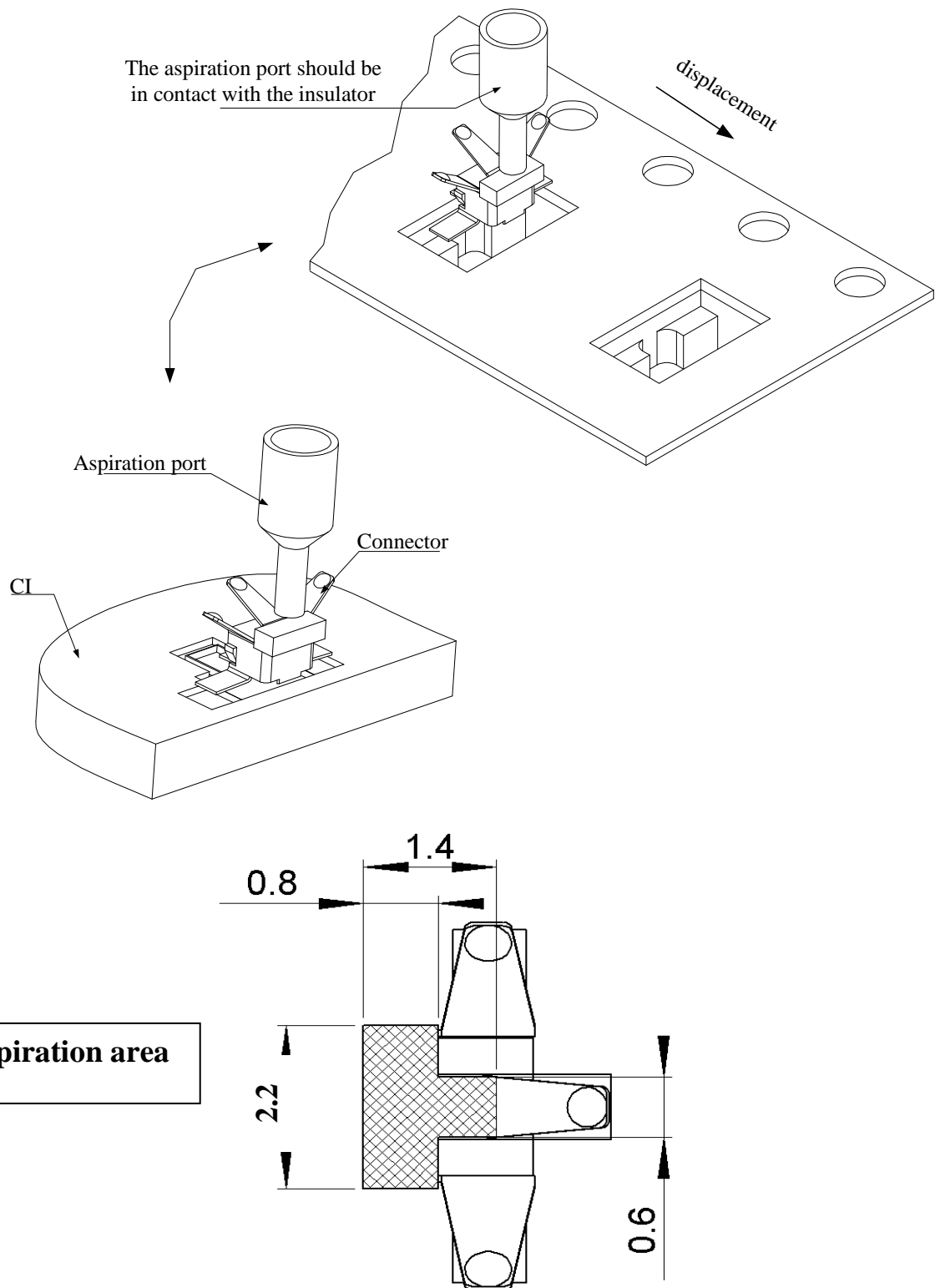
BOARD TO BOARD ADAPTOR H=2MM

R107.064.080

REEL OF 3500

Series : IMP

IMP-SERIES-INFORMATION



Issue : 1343 B

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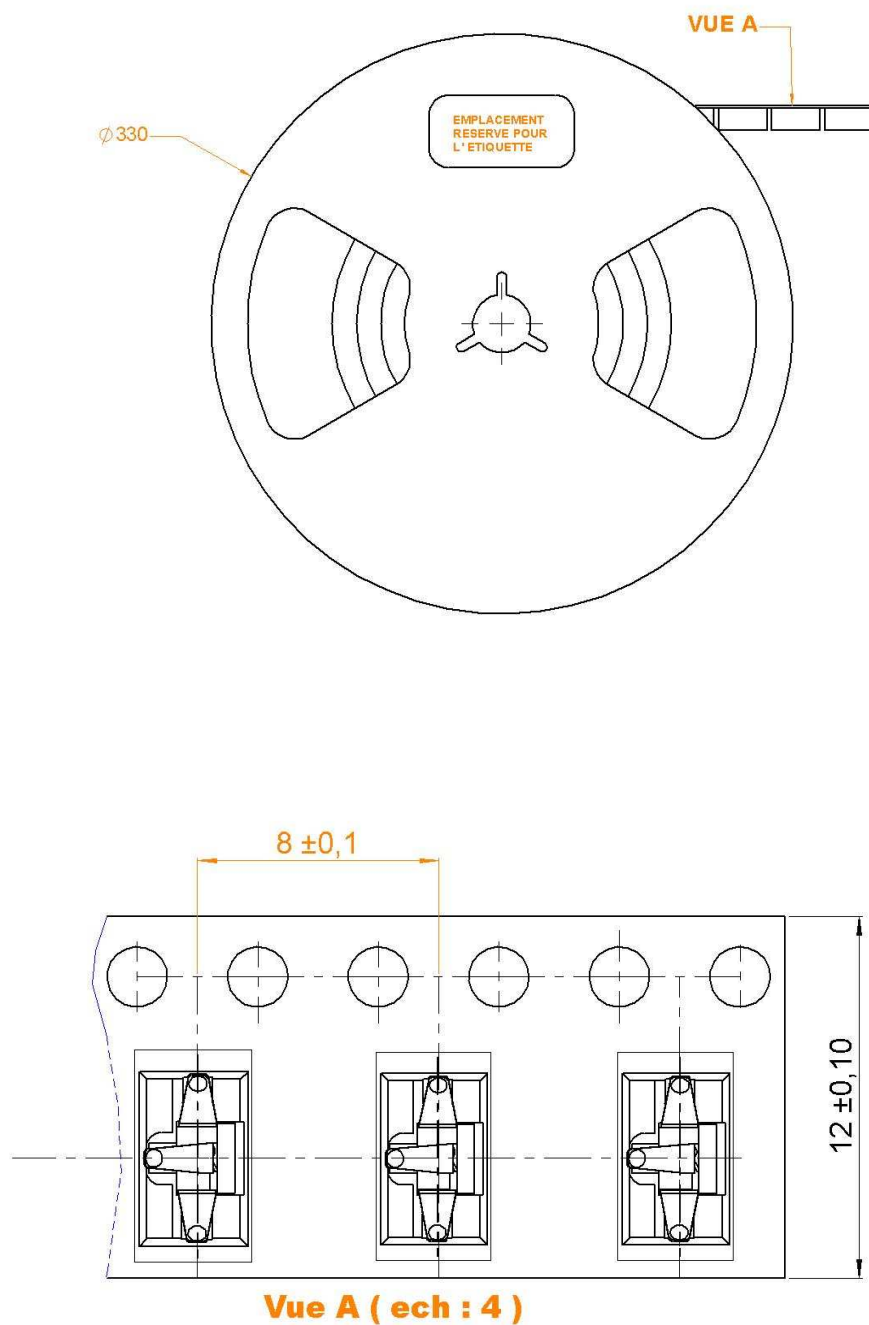


BOARD TO BOARD ADAPTOR H=2MM

REEL OF 3500

R107.064.080

Series : IMP



Issue : 1343 B

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