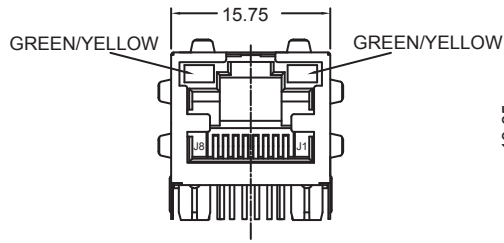
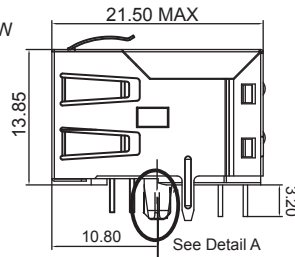


SCHEMATICS



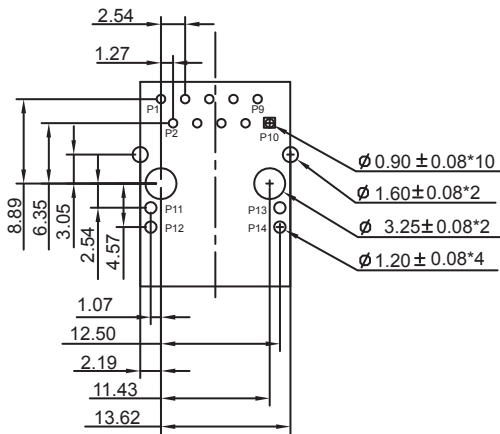
FRONT VIEW



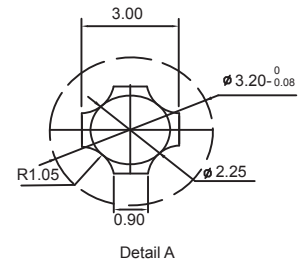
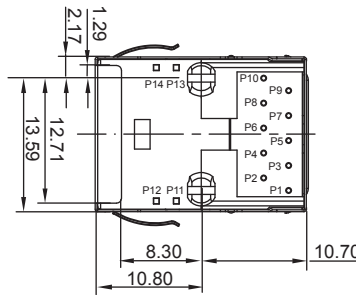
SIDE VIEW



DATE CODE: YYWW
YEAR WEEK



PCB Layout
Viewed from Component Side



MECHANICAL SPECIFICATIONS:

1. Housing & insert material: LCP or equivalent thermal plastic UL94V-0
2. Contact material: 0.35mm phosphor bronze 50u gold plating over 50u nickel
3. Shield: 0.20mm thickness brass with nickel plated.
4. Mating/unmating force: 2.2kg. F MAX.
5. Retention strength: 9kg. F MIN between jack and plug.
6. Operating life: 600 cycle MIN.
7. The part is recommended for wave soldering process, peak temp. is 265 degree C, 5 seconds (see the wave soldering curve)
8. Jack cavity conforms with FCC part 68 subpart F (connector).

ENVIRONMENTAL SPECIFICATIONS:

1. Storage Temp. : -40 °C ~ +85 °C Relative humidity < 70%.
2. Operation Temp. : 0 °C ~ +70 °C



Drafted by: ZhangXian

Dimensions: mm
Unless otherwise specified, all tolerances are ± 0.25

1000BASE-T, Tab-Up
Shielded, LEDs

Approved By: TSLEE

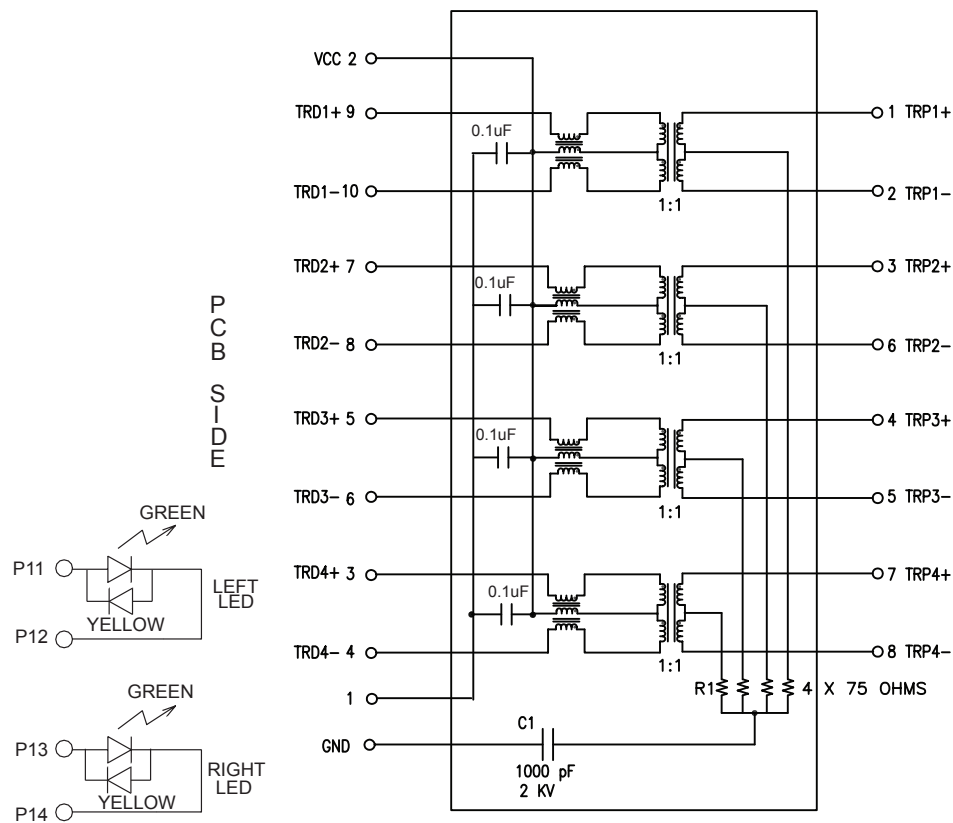
Part No: PRJ-G111068ANL

REV.
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Date: 2020-7-1

SHEET 1 OF 4

ELECTRICAL CIRCUIT



ELECTRICAL SPECIFICATIONS @25°C UNLESS OTHERWISE NOTED:

Insertion Loss: 300KHz-100MHz -1.0dB MAX
100-125MHz -1.2dB MAX

Return Loss: 1-40MHz -15.0dB MIN
40-50MHz -13.5.0dB MIN
60-80MHz -11.0dB MIN
80-100MHz -10.0dB MIN

Crosstalk: 1-30MHz -35.0dB MIN
30-80MHz -30.0dB MIN
80-100MHz -25.0dB MIN

Common Mode Rejection: 100KHz-100MHz -30.0dB MIN

Hipot:1500VAC 6S 1mA

OCL:350uH MIN @ 100KHz 100mV 8mA DC

DCR: (J1-J2)=1.2 Ohms MAX
(J3-J6)=1.2 Ohms MAX
(J4-J5)=1.2 Ohms MAX
(J7-J8)=1.2 Ohms MAX

Contact resistance: 50 mOhms.

Insulation Resistance: 500 MOhms at 500VDC

Rated Voltage: 125VAC

Rise Time (10%-90%): 2.5ns

Turns ratio: 1:1+/-5%



Drafted by:ZhangXian

Dimensions:mm
Unless otherwise specified, all tolerances are ± 0.25

1000BASE-T,Tab-Up
Shielded, LEDs

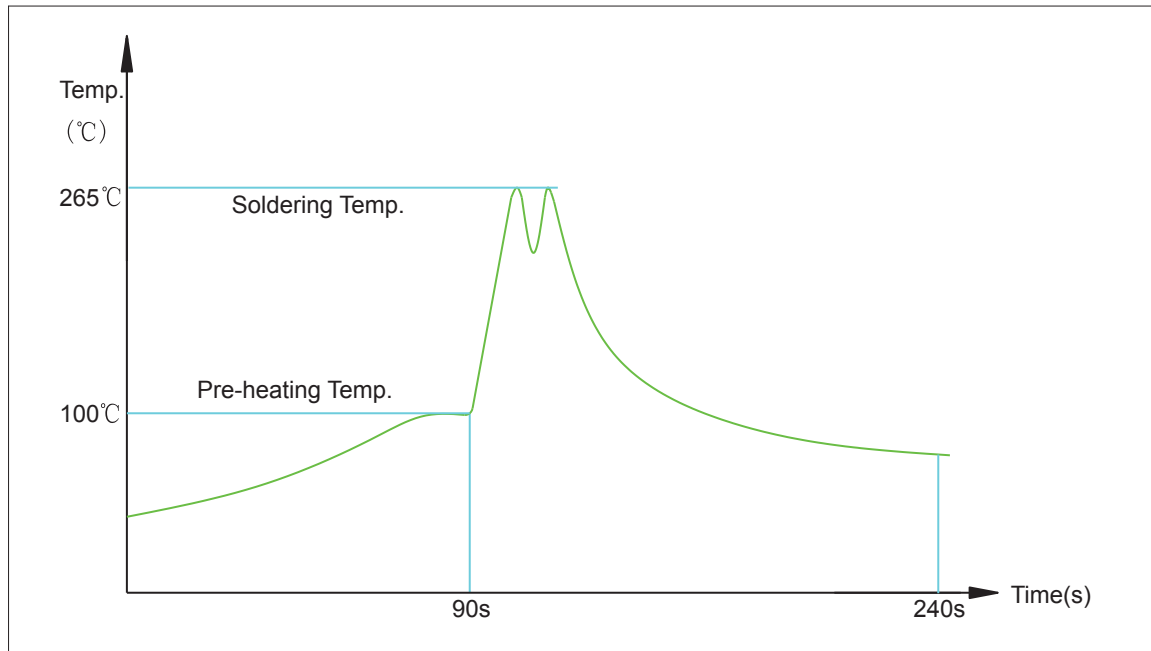
Approved By: TSLEE

Part No:PRJ-G111068ANL


REV.
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SHEET 2 OF 4

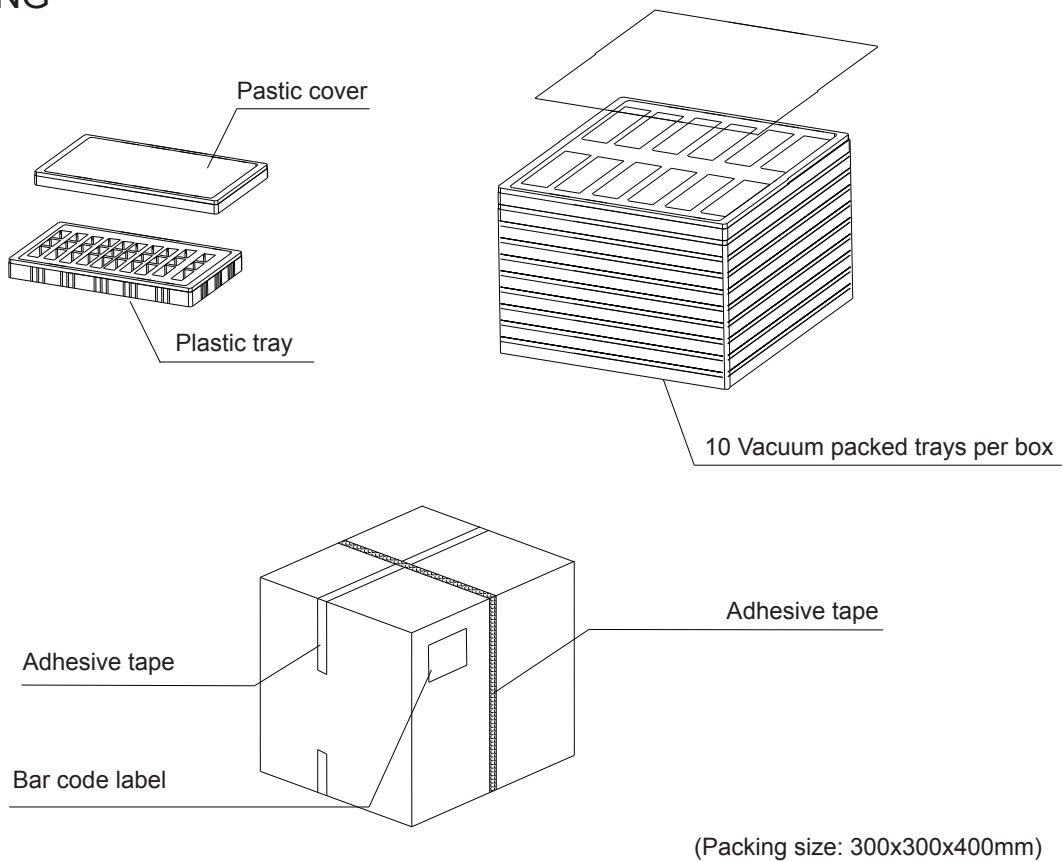
Suggested Profile of Wave Solder for RoHS products



1. Maximum soldering temperature: 265°C
2. Maximum soldering time: 5 seconds
3. SnAgCu or SAC, melting point is 219 °C
4. Any plastic components located under the Printed Circuit Board / Printed Wiring Board surface might be very slightly melted by recommended temperature profile. It will however, not affect the connector function. (For example, the plastic pins of the connector)

 Technology & Value	Dimensions:mm Unless otherwise specified, all tolerances are $\pm 0,25$	Approved By: TSLEE	
	1000BASE-T , Tab-Up Shielded, LEDs	Part No:PRJ-G111068ANL	REV. A
	Drafted by:ZhangXian	SHEET 3 OF 4	

PACKING



1. The connectors are placed in a plastic tray in PPC recyclable material. Each tray contains 120 connectors. Each tray has a plastic cover in PPC recyclable material.
2. A carton sheet is placed on each side of the tray. The tray is then vacuum packed in a recyclable PE bag.
3. In each box there are 10 trays placed on top of each other. Each box contains total 1200 connectors.
4. Each box dimension is 300x300x400mm or 0.036CBM with a net weight of approximately 7.9kg and a gross weight of approximately 10.5 kg.



Drafted by:ZhangXian

Dimensions:mm

Unless otherwise specified, all tolerances are $\pm 0,25$

1000BASE-T , Tab-Up
Shielded, LEDs

Approved By: TSLEE

Part No:PRJ-G111068ANL

REV.
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