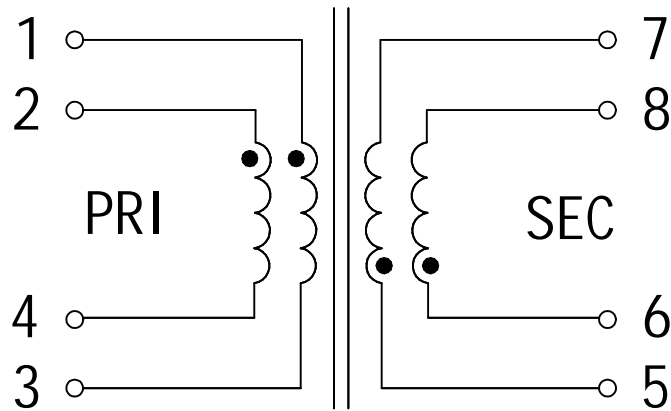


Schematic:



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2024-02-21	

Electrical Specifications @25°C

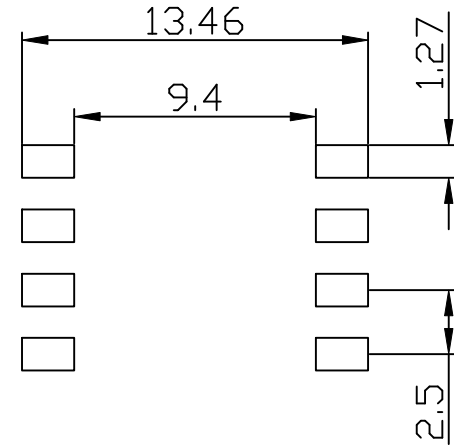
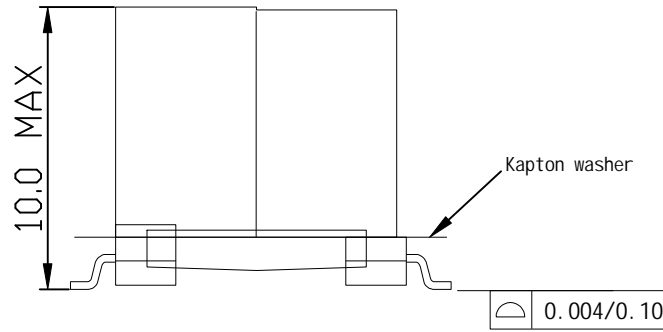
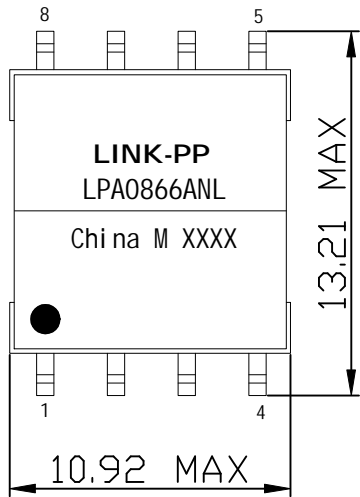
1. Turns Ratio:
PRI: SEC = 3:1
2. Inductance:
PRI : 9 μ H \pm 10% @300KHz/0.1Vrms/0Adc
PRI : 8.1 μ H Min @300KHz/0.1Vrms/5Adc
3. Leakage Inductance:
0.25 μ H MAX @300KHz/0.1V(secondary windings shorted together)
4. DC Resistance:
PRI = 0.047 Ω MAX
SEC = 0.0145 Ω MAX
5. Power: 12.5W
6. Output: 5V/2.5A
7. Isolation: 1500Vrms
8. Operating Temperature: -40°C ~ +85°C.
Storage Temperature -40°C ~ +125°C.

X.X	\pm 0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X.XX	\pm 0.25	CHKD: JAMES	TITLE: FLYBACK TRANSFORMER	
X.XXX	\pm 0.15	DR: JULY		
ANGLES	\pm 1°	UNIT: mm	PART NO.: LPA0866ANL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP24022112



Mechanical :

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2024-02-21	



SUGGESTED PAD LAYOUT

NOTES:

1. Moisture Sensitivity Level (MSL) 1
2. Assembly must be RoHS compliant.
3. Designed to operate up to 300 kHz with 4-42V input
4. Maximum reflow temperature is 250°C, 5 Sec.
5. UL certification: file number E484635.



X.X	±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X.XX	±0.25	CHKD: JAMES	TITLE: FLYBACK TRANSFORMER	
X.XXX	±0.15	DR: JULY		
ANGLES	±1°	UNIT: mm	PART NO.: LPA0866ANL	
		SCALE: 2/1	SHEET: 2/2	REV: A DWG NO.: LP24022112