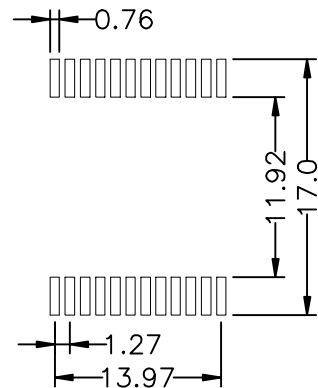
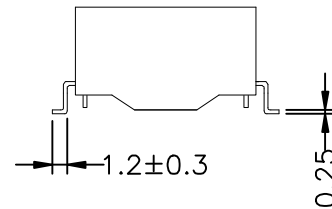
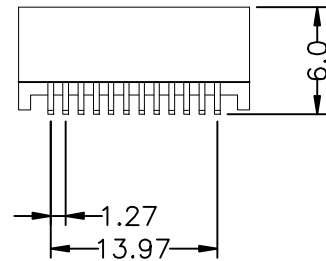
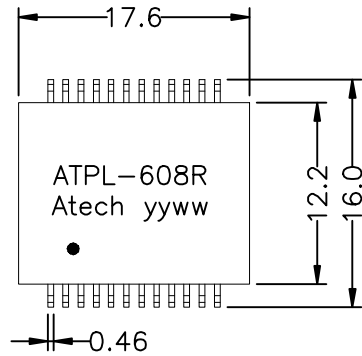
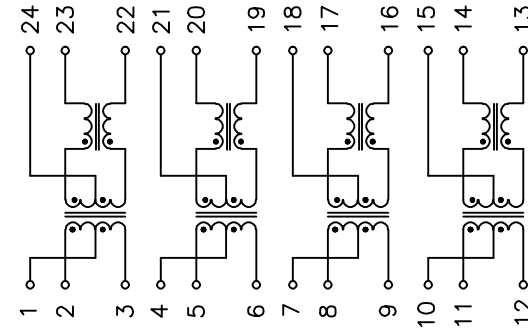




SUGGESTED PCB LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE $\pm 0.25\text{mm}$



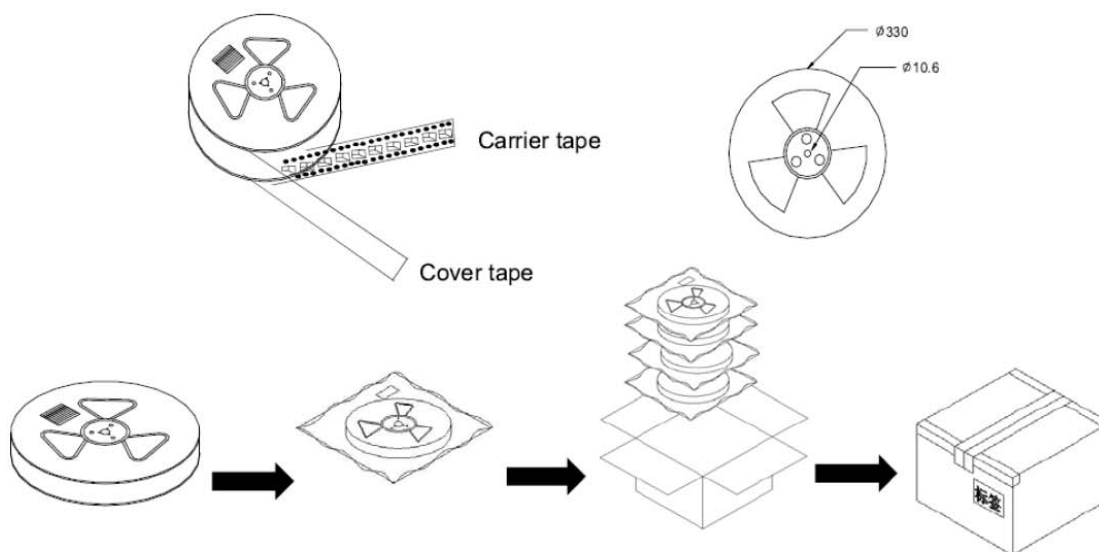
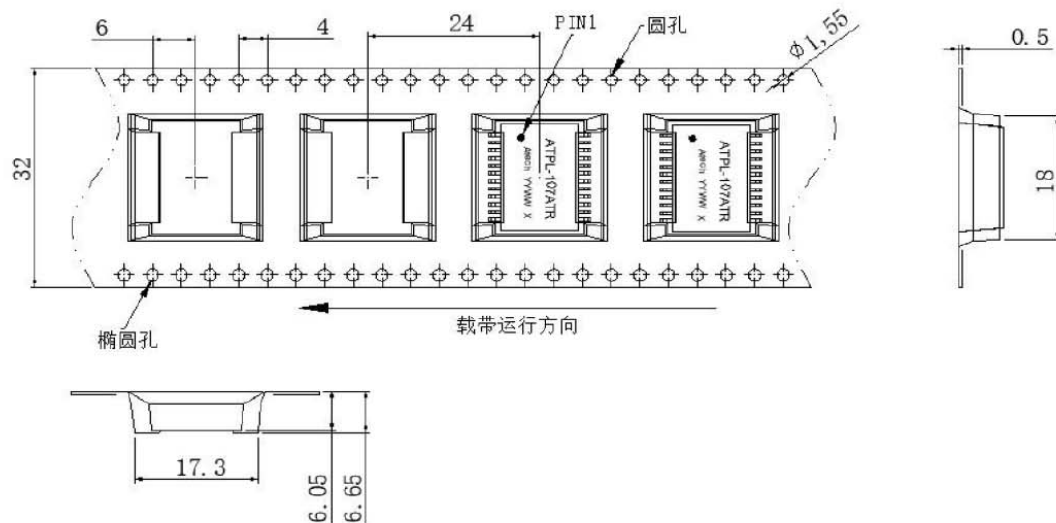
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS @25°C :

1. INSULATION HI-POT : 1500Vrms, 1mA, 60SEC
2. TURN RATIO ($\pm 5\%$) : 1CT : 1CT
3. OCL : : (@100kHz, 0.1Vrms) : 120uH MIN.
4. INSERTION LOSS : 1-250MHz : -1.5dB MAX.
250-500MHz : -3.0dB MAX.
5. RETURN LOSS : 1-40MHz : -16dB MIN.
40-500MHz : $-16 + 10\log(f/40)$ dB MIN.
6. CROSS TALK (dB MIN.) : 1-100MHz : -35
100-500MHz : -30
7. DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN.) :
1-250MHz : -30
250-500MHz : -20
8. COMPLIANT WITH IEEE 802.3an STANDARD
9. OPERATING TEMPERATURE RANGE : 0°C to +70°C
10. STORAGE TEMPERATURE : -25°C to +125°C

						AOEM		TITLE 10G BASE-T TRANSFORMER	
								DWG. NO. ATPL-608R	
	RELEASE	07/05/2023	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						07/05/23		SHIRLEY	

3. Package:



Product	PCS/Reel	PCS/Box	Product No.	Weight(g/pcs)
SMD 24 PIN Series	400	400x6=2400		1.45

Remarks:

- 1) Packing Level & Storage Condition based on MSL1
- 2) ESD package
- 3) Parts packaging meet EIA-481 standard (pull 0.26N~1.3N)

Pb-free Soldering Heat Withstanding Survey

