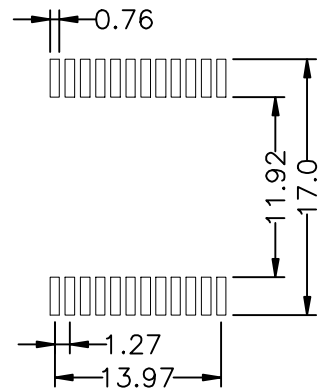
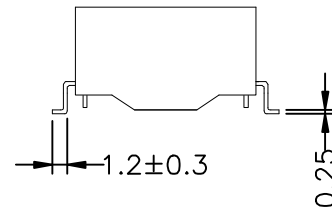
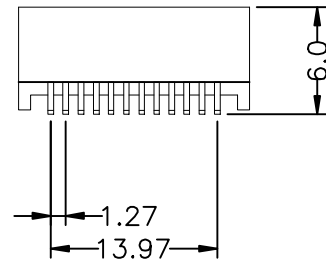
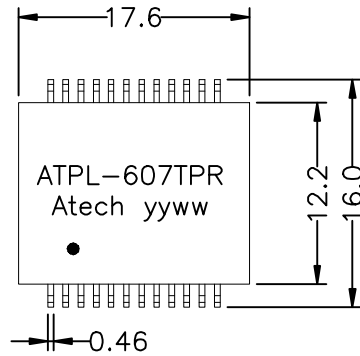
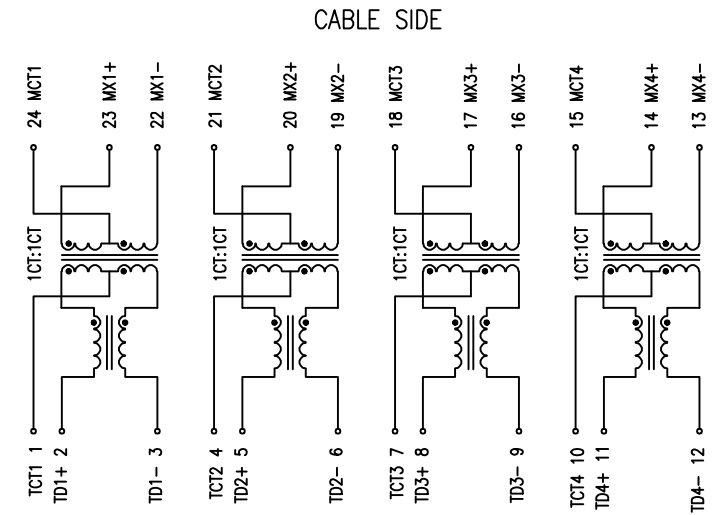




SUGGESTED PCB LAYOUT

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



CHIP SIDE

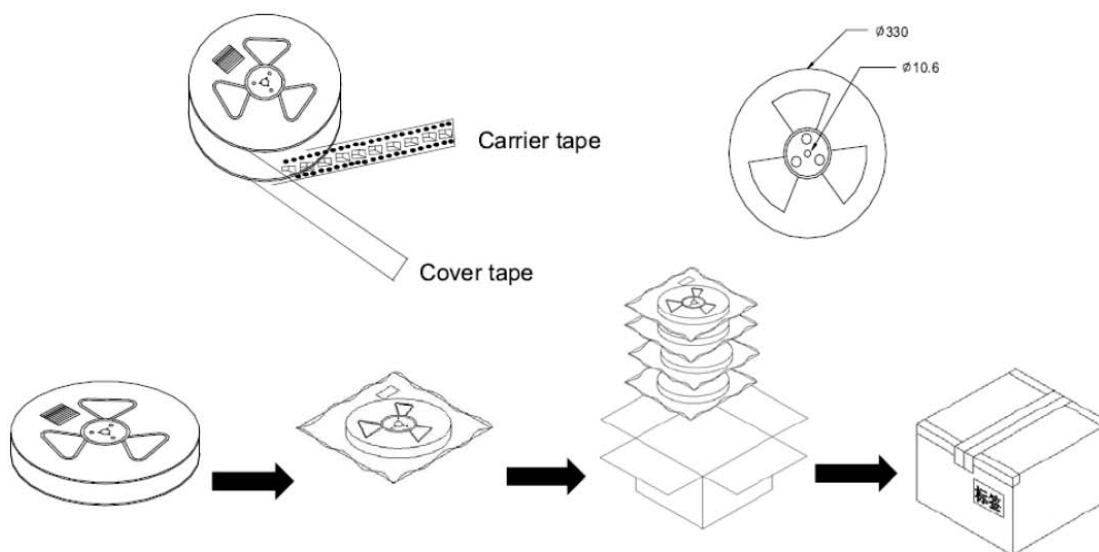
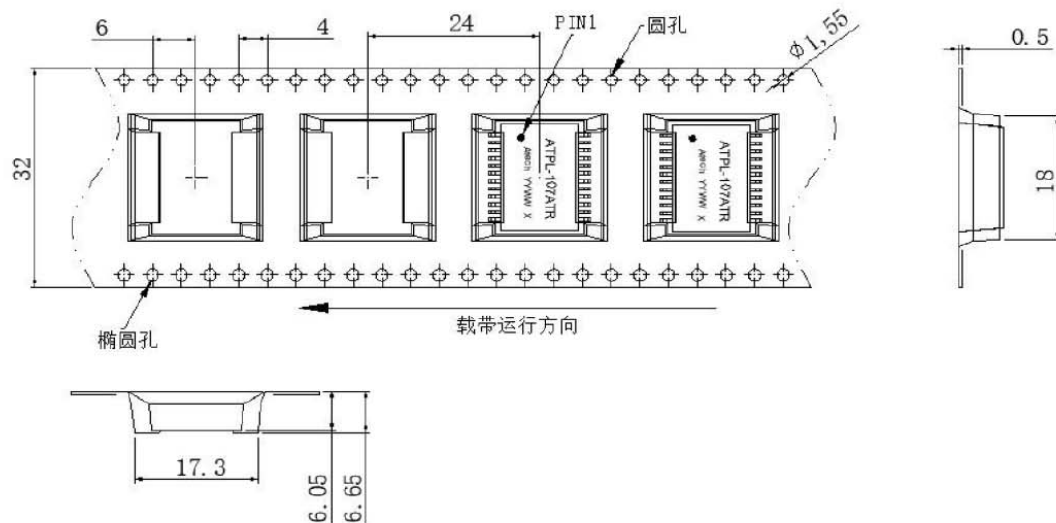
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS @25°C :

1. INSULATION HI-POT : 1500 Vrms/1mA ,60Sec.
2. TURN RATIO ($\pm 5\%$) : 1CT : 1CT
3. OCL : : (@100kHz, 0.1Vrms, 14.4mA DC BIAS) : 120uH MIN.
4. CROSS TALK (dB MIN.) : 1-100MHz 100-500MHz
-35 -30
5. INSERTION LOSS : 1-250MHz : -1.5dB MAX.
250-500MHz : -3.0dB MAX.
6. RETURN LOSS : 1-40MHz : -16dB MIN.
40-500MHz : -16+10log(f/40)dB MIN.
7. DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN.) :
1-250MHz 250-500MHz
-30 -20
8. Compliant with IEEE802.3an & 802.3bt stanfard
9. Designed to support applications up to 1200mA Per centre tap
10. OPERATING TEMPERATURE RANGE : -40°C to +85°C
11. STORAGE TEMPERATURE RANGE: -40°C to +105°C

								TITLE 10G BASE-T TRANSFORMER	
								DWG. NO. ATPL-607TPR	
	RELEASE	06/12/2023	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						06/12/23			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

