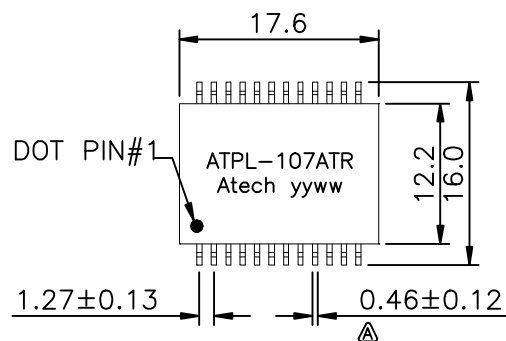
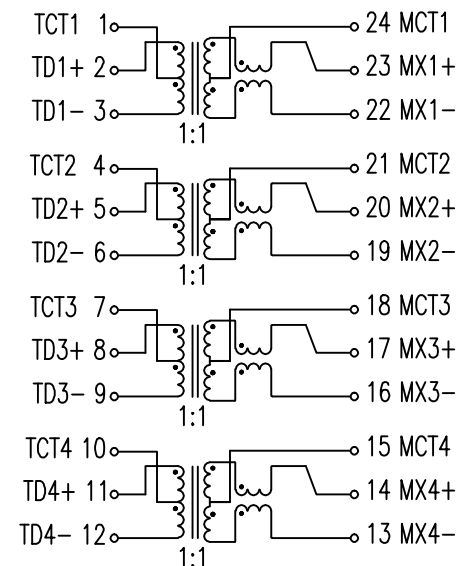


SUGGESTED PAD LAYOUT

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



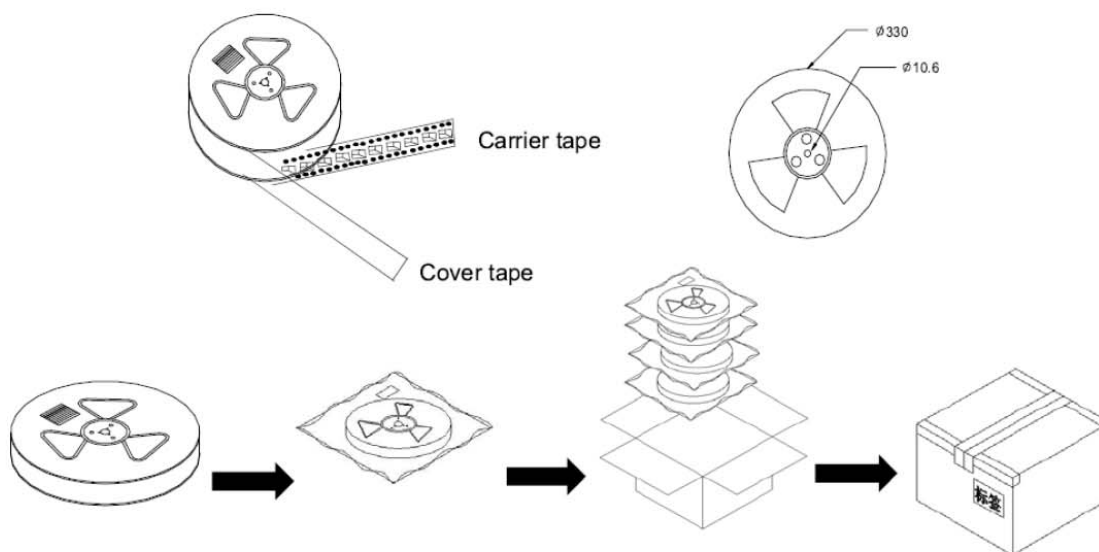
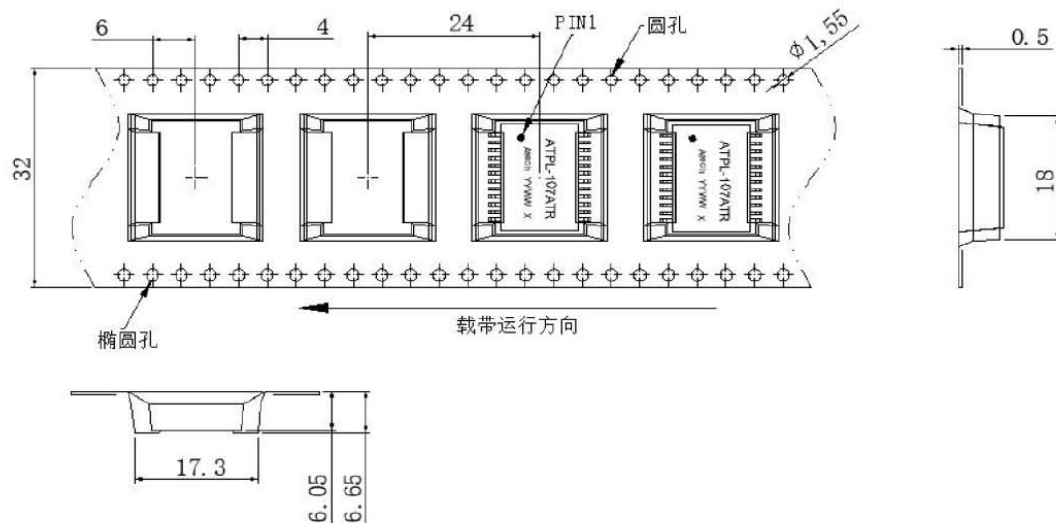
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS @25°C:

1. TURNS RATIO : TX/RX = 1CT : 1CT $\pm 5\%$
2. PRI OCL (@100kHz/0.1V With 8mA DC Bias) : 350uH MIN.
3. INSERTION LOSS : 1-100MHz = -1.1dB MAX.
4. RETURN LOSS (@100Ω) : 1-30MHz = -18dB MIN.
40MHz = -16dB MIN.
50MHz = -14dB MIN.
60-80MHz = -12dB MIN.
5. DCMR : 1-100MHz = -30dB MIN.
6. CROSS TALK : 1-100MHz = -30dB MIN.
7. LK(@100kHz, 0.1Vrms) : 0.5uH MAX.
8. DCR : 1.2Ω MAX.
9. HI-POT : 1500Vrms, 1mA, 60SEC
10. Compliant with IEEE 802.3 standard
11. OPERATING TEMPERATURE RANGE : -40°C~+85°C
12. STORAGE TEMPERATURE RANGE : -40°C to +105°C

								TITLE: 100/1000 BASE-T TRANSFORMER DWG. NO. ATPL-107ATR	
A	ADD TOLERANCES	04/14/2020	SHIRLEY	BETTY	BETTY				
	RELEASE	08/27/2018	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE: 09/27/18		P/N:	
REVISIONS								SHEET 1 of 1	
								DRAW: 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

