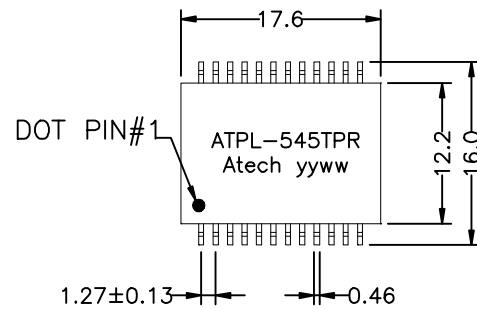
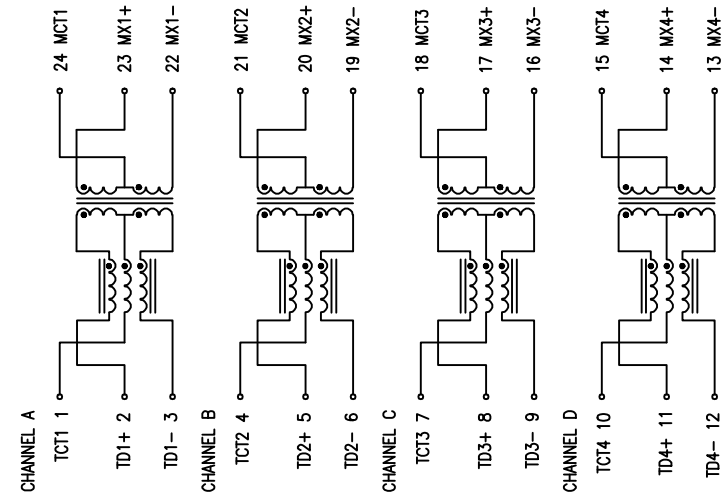


SUGGESTED PAD LAYOUT



* RoHS COMPLIANT

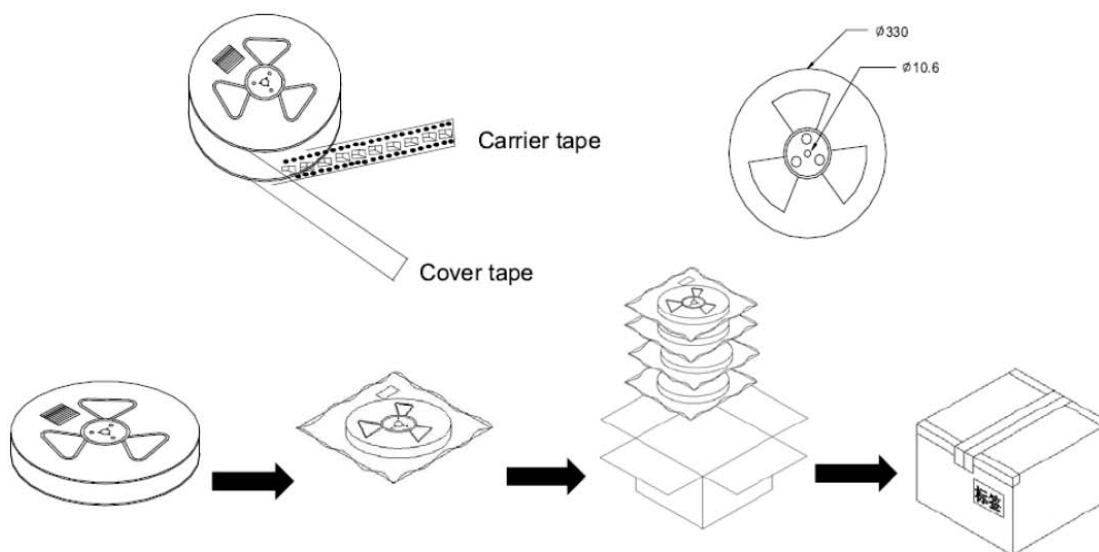
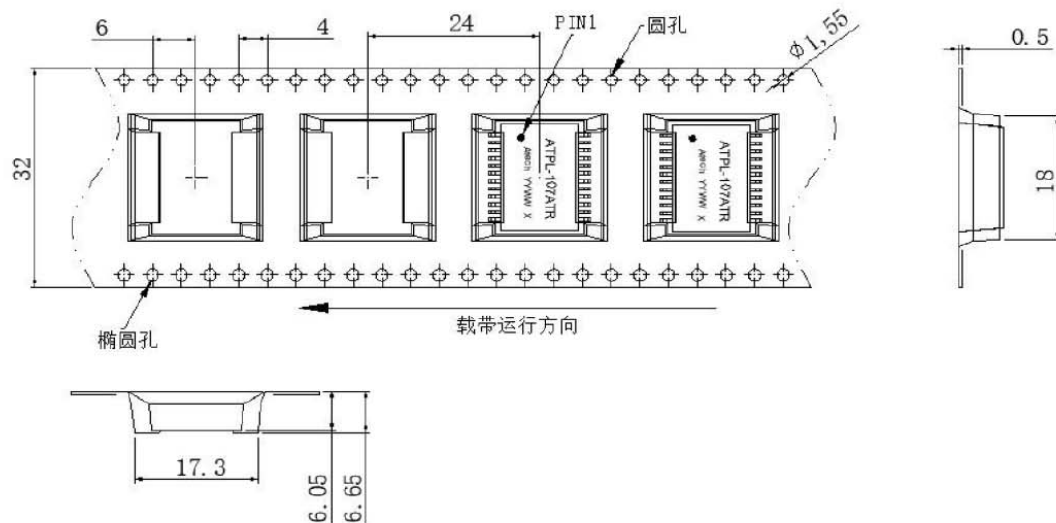
ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 120uH MIN. 12.5mA DC BIAS
2. DCR : 1.0Ω MAX.
3. TURNS RATIO : 1CT : 1CT ±5%
4. INSERTION LOSS : (@1-100MHz) : -1.0dB MAX.
(@100-125MHz) : -1.5dB MAX.
5. RETURN LOSS : (@1≤f≤40MHz) : -16dB MIN.
(@40<f≤250MHz, where f is in MHz) : -16+10 log (f/40)dB MIN.
6. CROSS TALK : (@1-125MHz) : -30dB MIN.
7. COMMON MODE REJECTION : (@1-125MHz) : -30dB MIN.
8. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
9. PoE Support 60W : Each channel support 720mA DC balance current
10. OPERATING TEMPERATURE : -40°C to +85°C
11. STORAGE TEMPERATURE : -40°C to +85°C

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25mm

							TITLE 2.5G/5G POE TRANSFORMER	
							DWG. NO. ATPL-545TPR	
	RELEASE	11/24/2021	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	SHEET 1 of 1
REVISIONS						11/24/21	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

