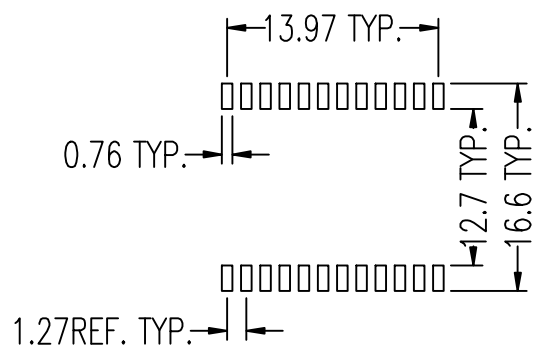
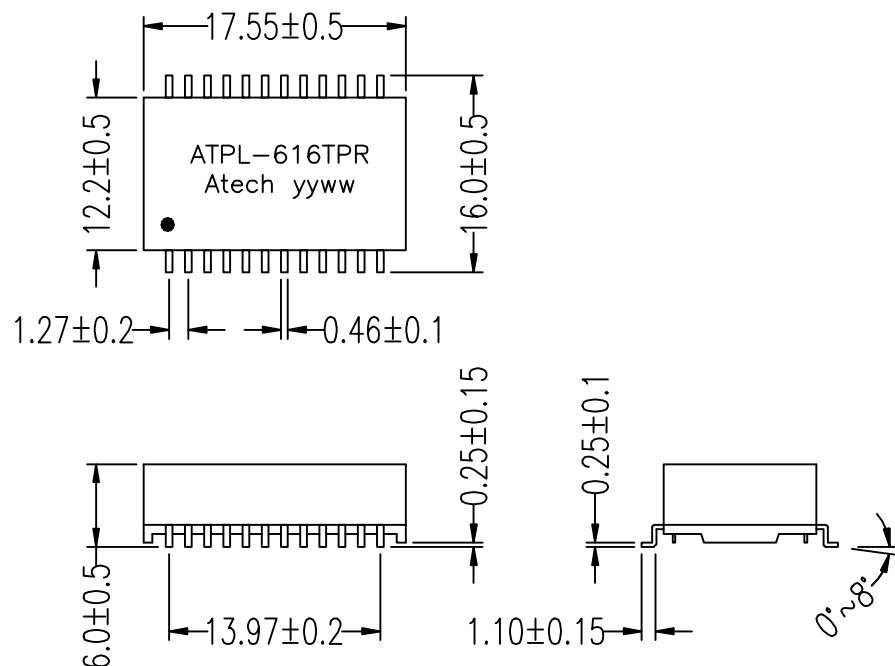
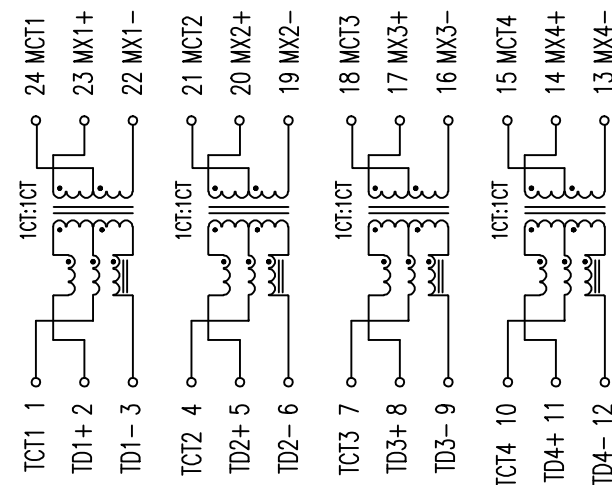




SUGGESTED PAD LAYOUT



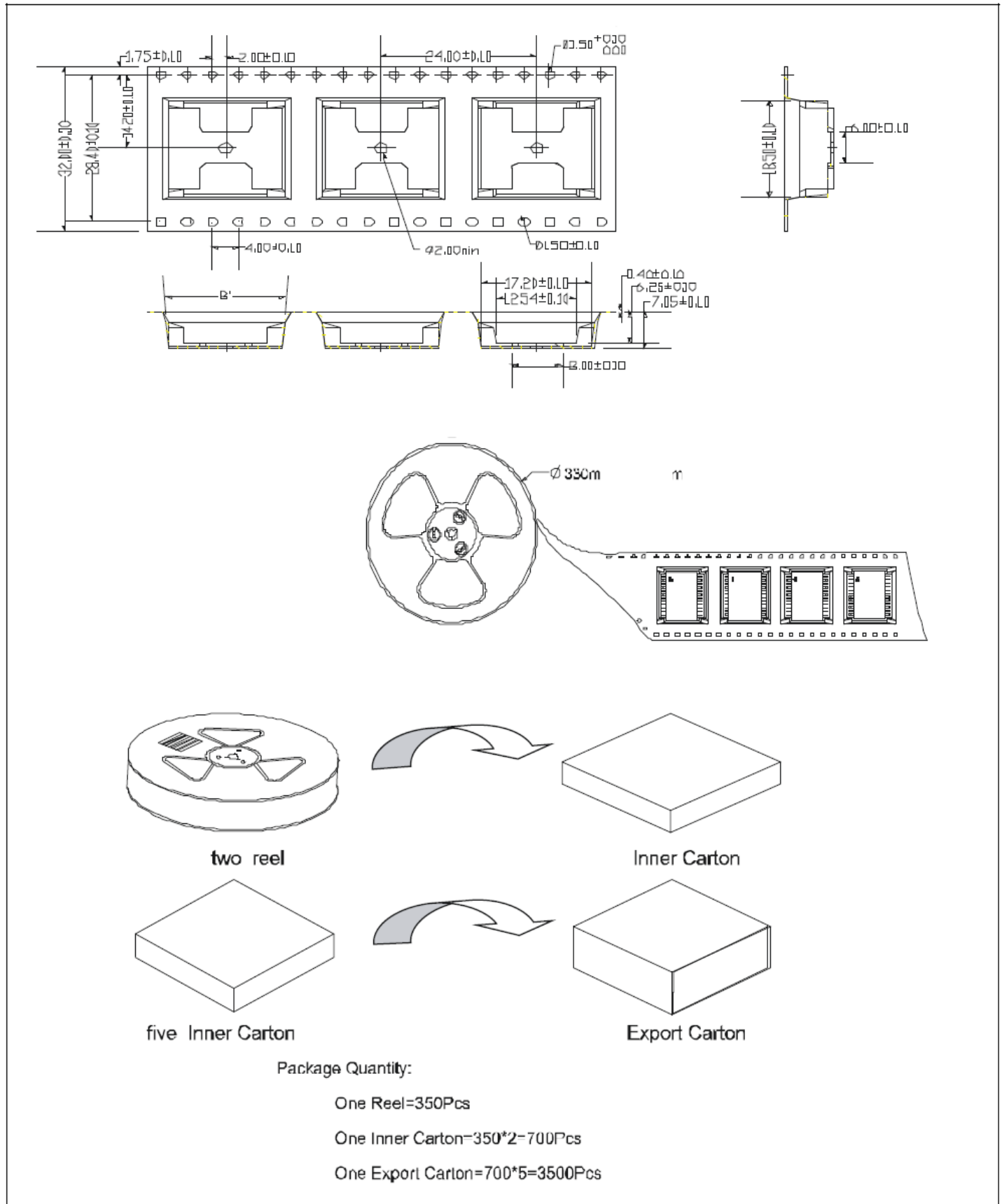
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS @25°C:

- INSULATION HI-POT : 1500 Vrms/1mA ,60Sec.
- TURN RATIO ($\pm 5\%$) : 1CT : 1CT
- OCL : (@100kHz, 0.1Vrms with 21mA DC Bias) : 120uH MIN
- CROSS TALK (dB TYP.) : 1-500MHz : -25
- INSERTION LOSS : @1-200MHz : -1.2dB MAX. @200-300MHz : -1.5dB MAX.
@300-400MHz : -2.0dB MAX. @400-500MHz : -3.0dB MAX.
- RETURN LOSS : @1-100MHz : -18dB MIN. @100-200MHz : -16dB MIN.
@200-300MHz : -12dB MIN. @300-400MHz : -10dB MIN.
@400-500MHz : -6dB MIN.
- DIFFERENTIAL TO COMMON MODE REJECTION (dB TYP.) : 1-100MHz : -25
100-300MHz : -20
300-500MHz : -15
- LK(100kHz, 0.1Vrms) : 0.5uH MAX.
- DCR : 0.9Ω MAX.
- PoE SUPPORT 100W : ONE 10G BASE-T(FULL CHANNELS) PORT SUPPORT
2A DC BALANCE CURRENT
- Operating temperature : -40°C to +85°C
Storage temperature : -40°C to +85°C

						AOEM		TITLE 10G BASE-T	
								PoE++ TRANSFORMER	
								DWG. NO.	
								ATPL-616TPR	
	RELEASE	05/16/2023	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY		
						M/M			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						05/16/23		SHIRLEY	

3. Package :



Pb-free Soldering Heat Withstanding Survey

