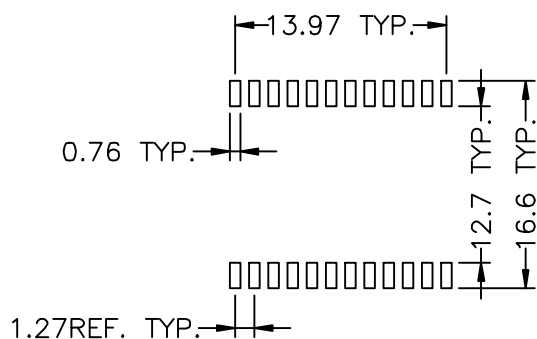
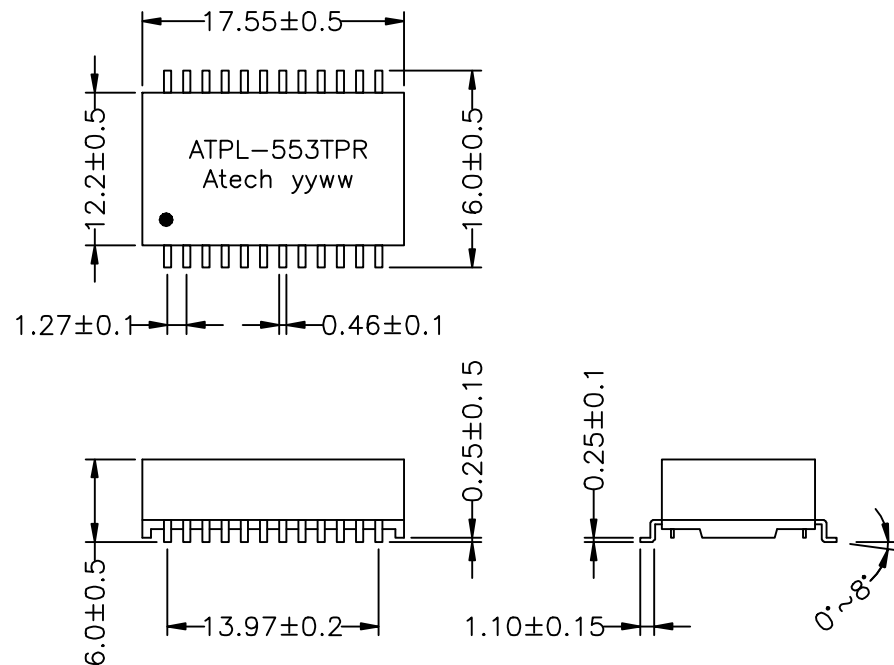
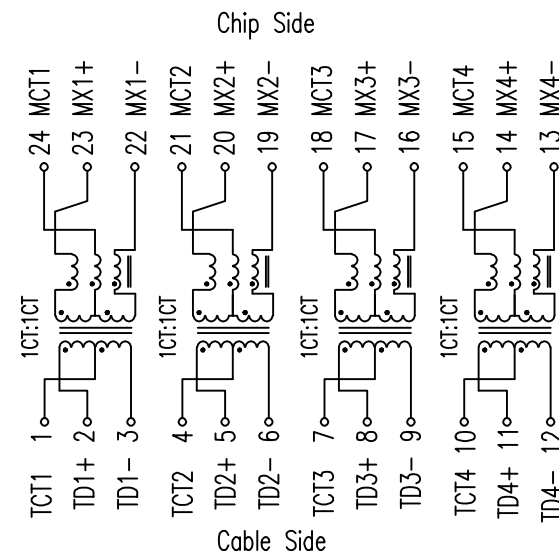




SUGGESTED PAD LAYOUT



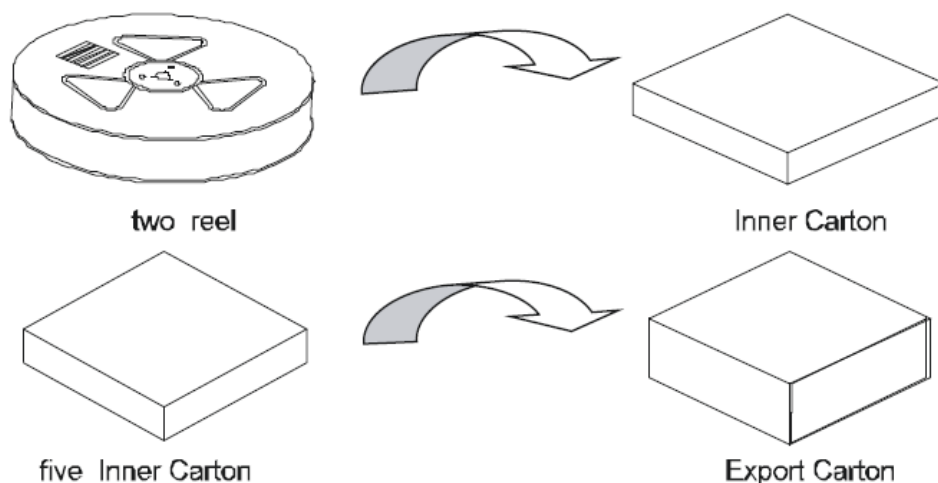
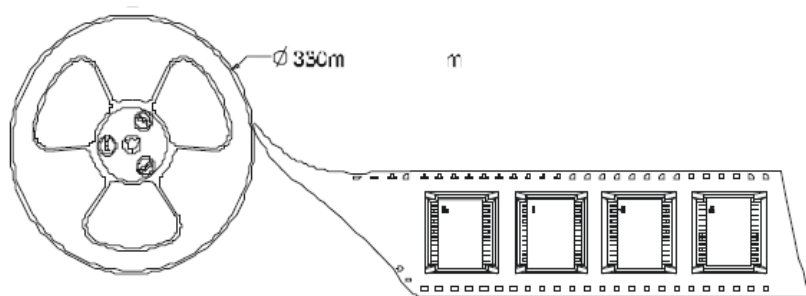
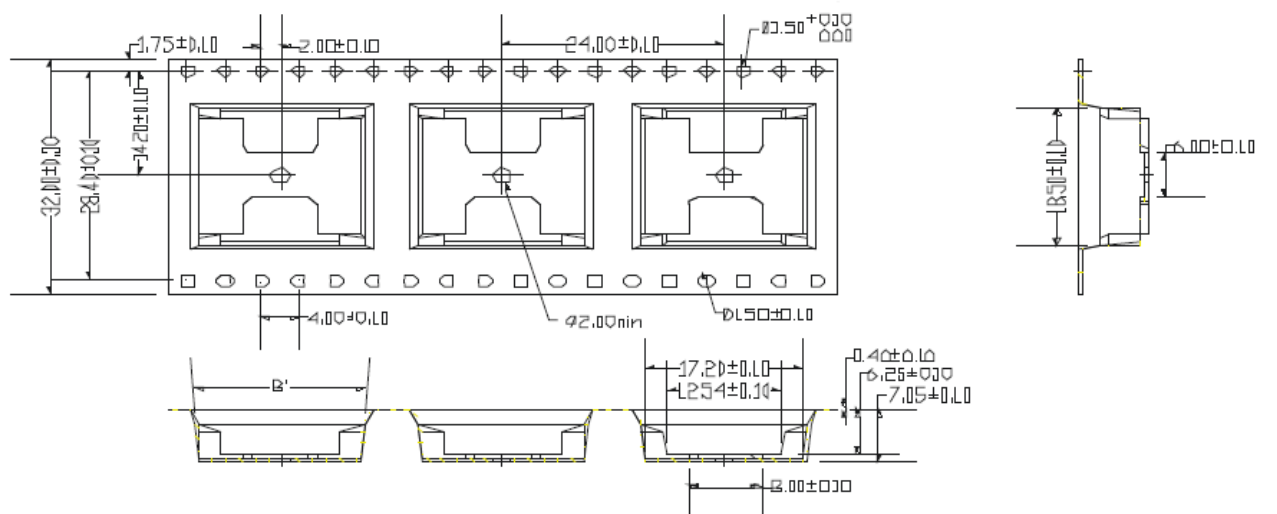
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 150uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.1V) : 0.5uH MAX.
3. DCR : 1.0Ω MAX.
4. TURNS RATIO : 1CT : 1CT ±5%
5. INSERTION LOSS : (@1-100MHz) : -1.0dB MAX.
(@100-250MHz) : -2.0dB MAX.
6. RETURN LOSS :
-16dB MIN. @ $1 \leq f \leq 40$ MHz
-16+10log (f/40)dB MIN @ $40 < f \leq 250$ MHz, Where f is in MHz
7. CROSS TALK : (@1-250MHz) : -30dB TYP.
8. COMMON MODE REJECTION : (@1-250MHz) : -30dB TYP.
9. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
10. Compliant with PoE bt : Each channel support 600mA DC balance current,
Full channels support 1200mA DC balance current.
11. OPERATING TEMPERATURE : -40°C TO +85°C
12. STORAGE TEMPERATURE : -40°C TO +85°C

								TITLE		
									2.5G/5G POE TRANSFORMER	
									DWG. NO.	
								ATPL-553TPR		
	RELEASE	05/17/2021	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY			
						M/M			SHEET 1 OF 1	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:		DRAW	
REVISIONS						05/17/21			SHIRLEY	

3. Package :



Package Quantity:

One Reel=350Pcs

One Inner Carton=350*2=700Pcs

One Export Carton=700*5=3500Pcs

Pb-free Soldering Heat Withstanding Survey

