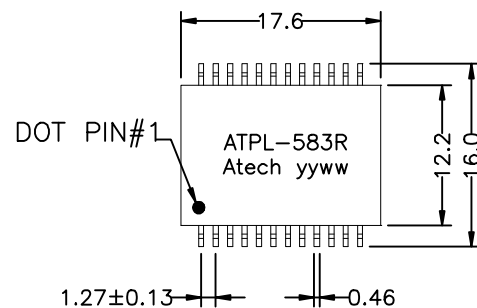
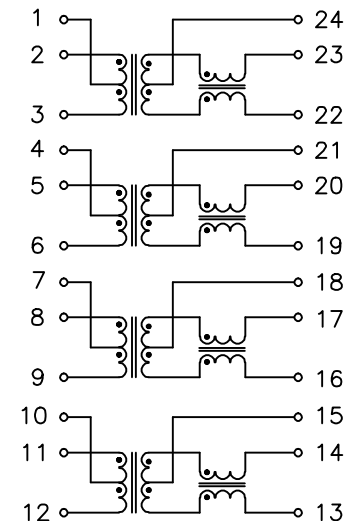


SUGGESTED PAD LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25mm



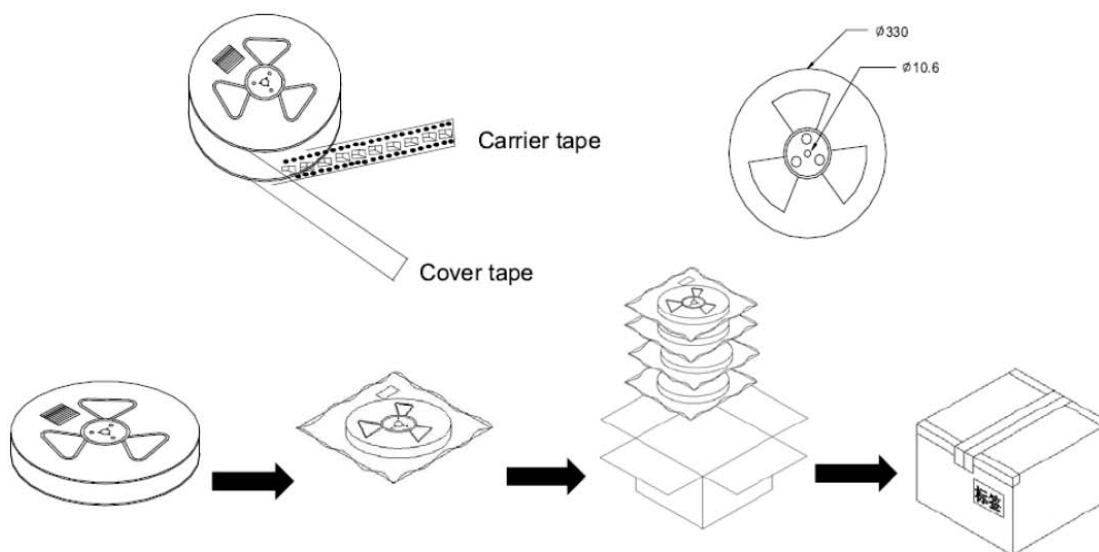
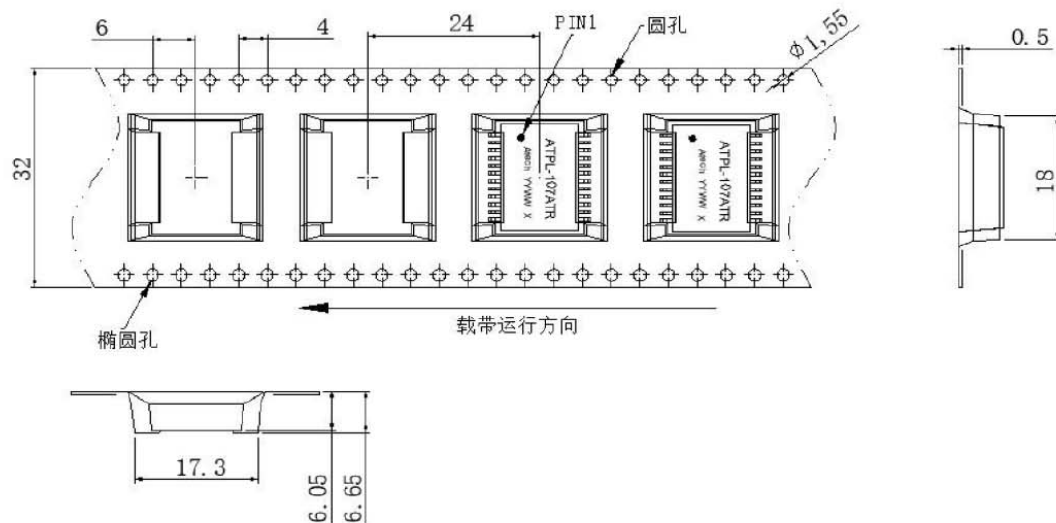
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 180uH MIN.
2. DCR : 1.0Ω MAX.
3. TURNS RATIO : 1CT : 1CT ±5%
4. INSERTION LOSS : (@1-100MHz) : -1.0dB MAX.
(@100-250MHz) : -2.0dB MAX.
5. RETURN LOSS : (@1-40MHz) : -16dB MIN.
(@40-250MHz) : -16+10 log (f/40MHz)dB MIN.
6. CROSS TALK : (@1-125MHz) : -30dB MIN.
(@125-250MHz) : -25dB MIN.
7. COMMON MODE REJECTION : (@1-125MHz) : -30dB MIN.
(@125-250MHz) : -25dB MIN.
8. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
9. COMPLY WITH IEEE802.3bz
10. OPERATING TEMPERATURE : 0°C to +70°C
11. STORAGE TEMPERATURE : -25°C to +125°C

								TITLE		5G	
								POE TRANSFORMER			
								DWG. NO.		ATPL-583R	
	RELEASE	07/05/2023	SHIRLEY	BETTY	BETTY	UNITS:		SAFETY			
						M/M				SHEET 1 of 1	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE		P/N:		DRAW	
REVISIONS						07/05/23				SHIRLEY	

3. Package:

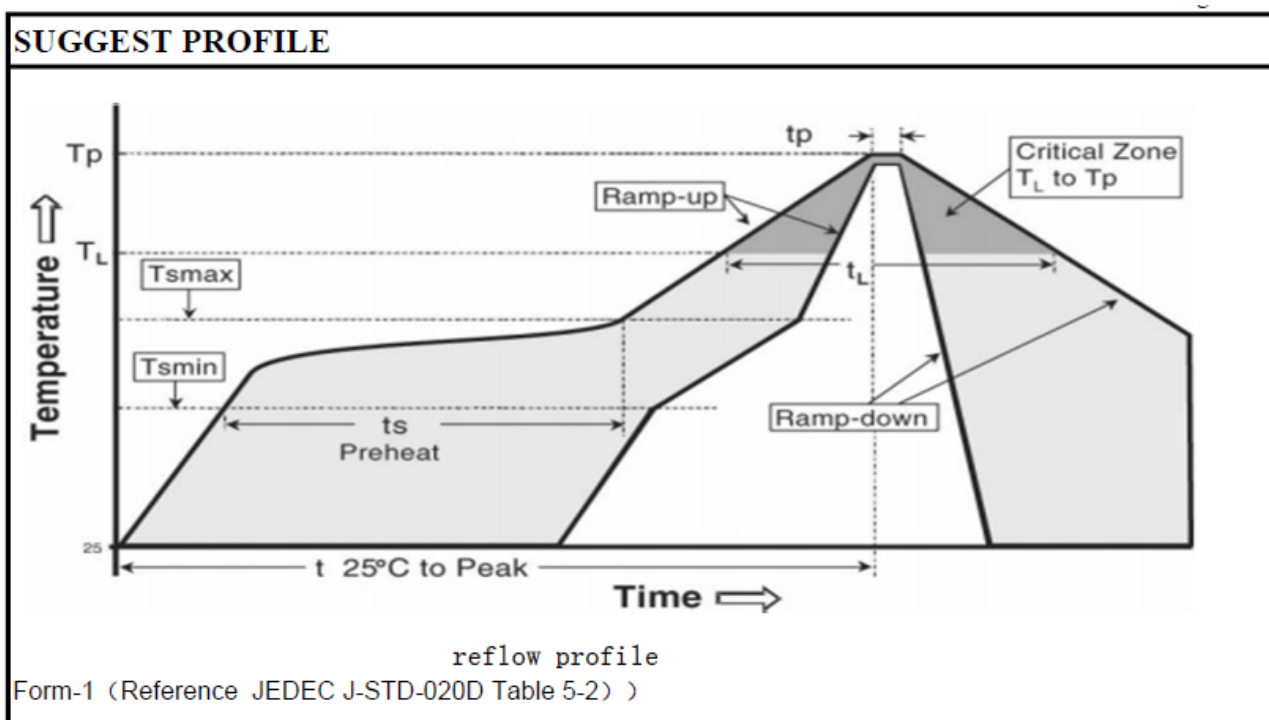


Product	PCS/Reel	PCS/Box	Product No.	Weight(g/pcs)
SMD 24 PIN Series	400	400x6=2400		1.45

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



Profile Feature	Sn-Pb Eutectic Assembly	Pb-Free Assembly
Average ramp-up rate (T _{smax} to T _p)	3°C/second max	3°C/second max
Preheat Temperature Min (T _{smin}) Temperature Min (T _{smax}) Time (T _{smin} to T _{smax}) (ts)	100°C 150°C 60-120seconds	150°C 200°C 60-180seconds
Time maintained above Temperature (T _L) Time (t _L)	183°C 60-150seconds	217°C 60-150seconds
Peak Temperature (T _p)	225°C	260°C
Time within 5°C of actual Peak Temperature (T _p) ²	20 seconds	30 seconds
Ramp-down Rate	6°/second max	6°/second max
Time 25°C to Peak Temperature	6minutes max	8minutes max