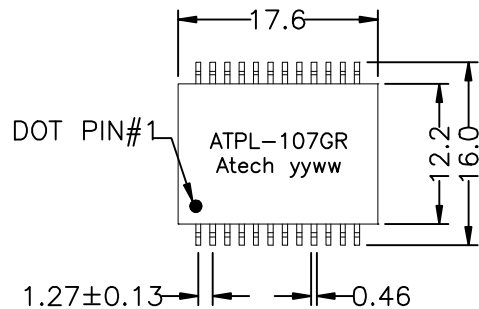
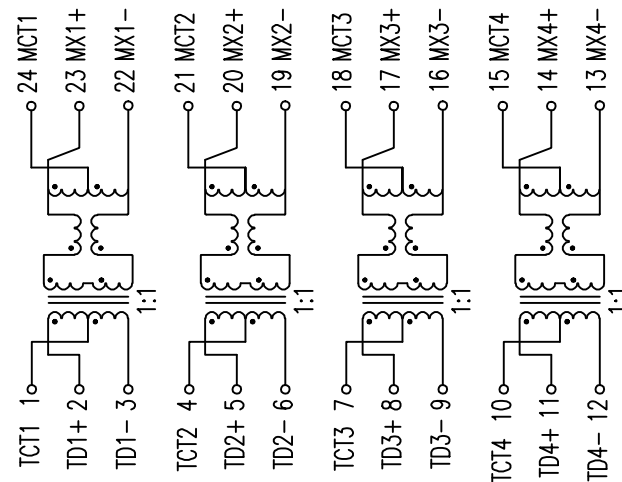


SUGGESTED PAD LAYOUT

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



ELECTRICAL CHARACTERISTICS @25°C:

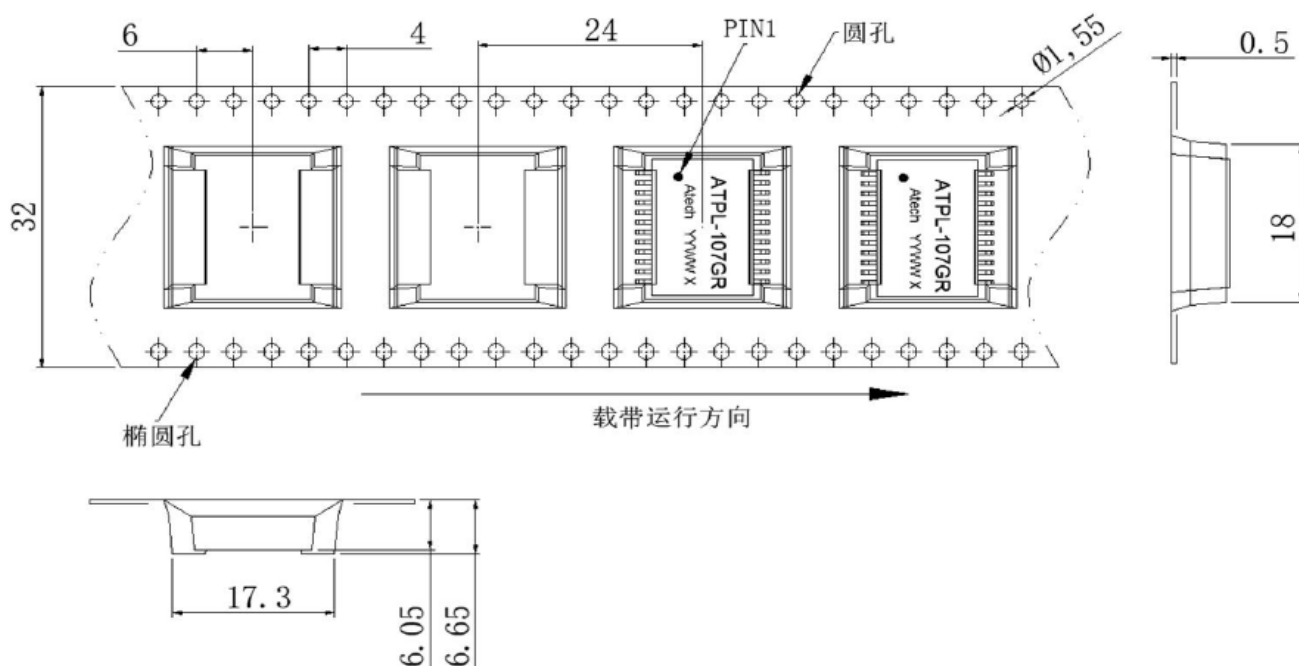
1. INSULATION HI-POT : 1500Vrms/1mA, 60Sec.
2. TURN RATIO ($\pm 5\%$) : 1CT : 1CT
3. OCL : 350uH MIN. 8mA/DC Bias
4. DCR : 1.2 Ω MAX.
5. LK : 0.5uH MAX.
6. CROSS TALK (dB MIN.) : 1-100MHz ; -30dB MIN.
7. INSERTION LOSS (1MHz-100MHz) : -1.1dB MAX.
8. RETURN LOSS (dB MIN. @100 Ω) :

1-30MHz	40MHz	50MHz	60-80MHz	100MHz
-18	-14.4	-13.1	-12	-10
9. DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN.) :

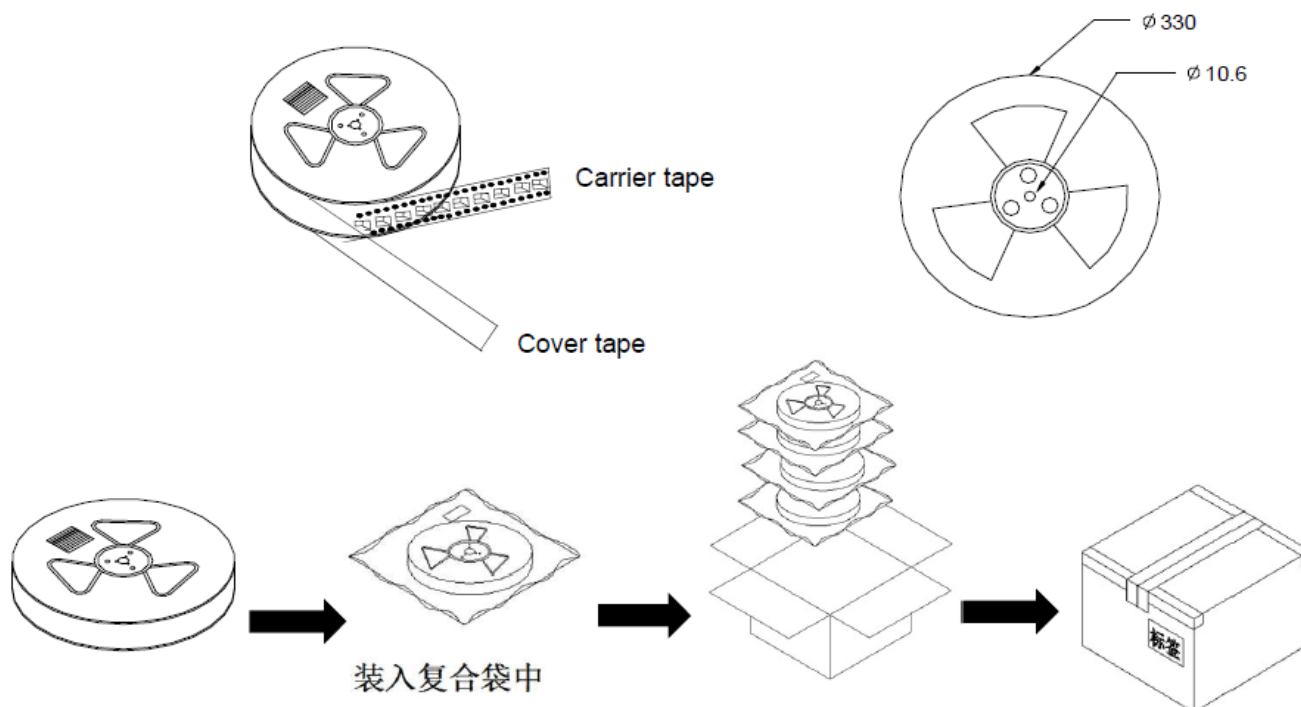
1-100MHz
-30dB MIN.
10. RoHS COMPLIANT

								TITLE 100/1000 BASE-T TRANSFORMER	
								DWG. NO. ATPL-107GR-33	
	RELEASE	09/27/2018	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 OF 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						09/27/18			SHIRLEY

Package :



PACKAGE



零件包装符合EIA-481 standard(拉力 0.26N~1.3N)

Product	PCS/Reel	PCS/Box	Product No.	Weight(g/pcs)
SMD 24 PIN Series	400	400x7=2800		1.8

Pb-free Soldering Heat Withstanding Survey

SUGGEST PROFILE



reflow profile

Form-1 (Reference JEDEC J-STD-020D Table 5-2))

Profile Feature	Sn-Pb Eutectic Assembly	Pb-Free Assembly
Average ramp-up rate (Tsmax to Tp)	3°C/second max	3°C/second max
Preheat Temperature Min (Tsmmin)	100°C	150°C
Temperature Min (Tsmmax)	150°C	200°C
Time (Tsmmin to Tsmmax) (ts)	60-120seconds	60-180seconds
Time maintained above Temperature (TL)	183°C	217°C
Time (tL)	60-150seconds	60-150seconds
Peak Temperature (Tp)	225°C	260°C
Time within 5°C of actual Peak Temperature (Tp) ²	20 seconds	30 seconds
Ramp-down Rate	6°/second max	6°/second max
Time 25°C to Peak Temperature	6minutes max	8minutes max