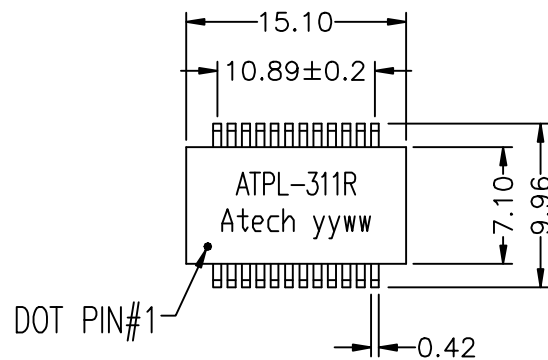
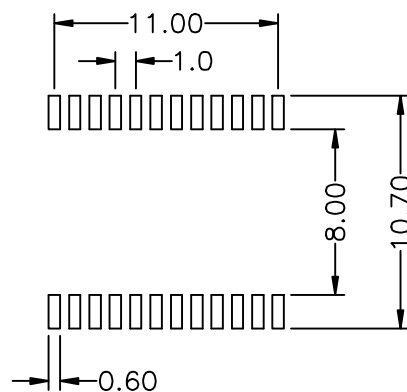
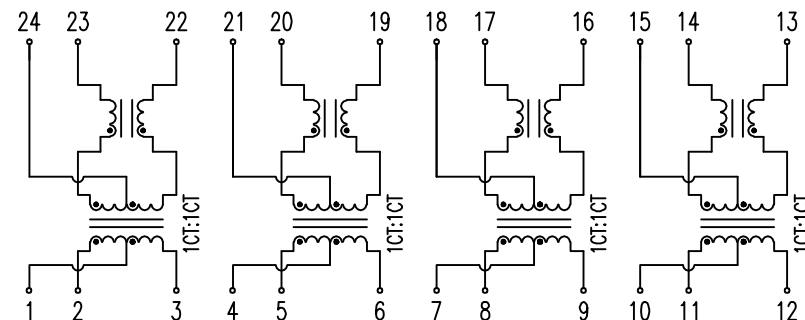


UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.25



PCB SUGGEST PAD LAYOUT

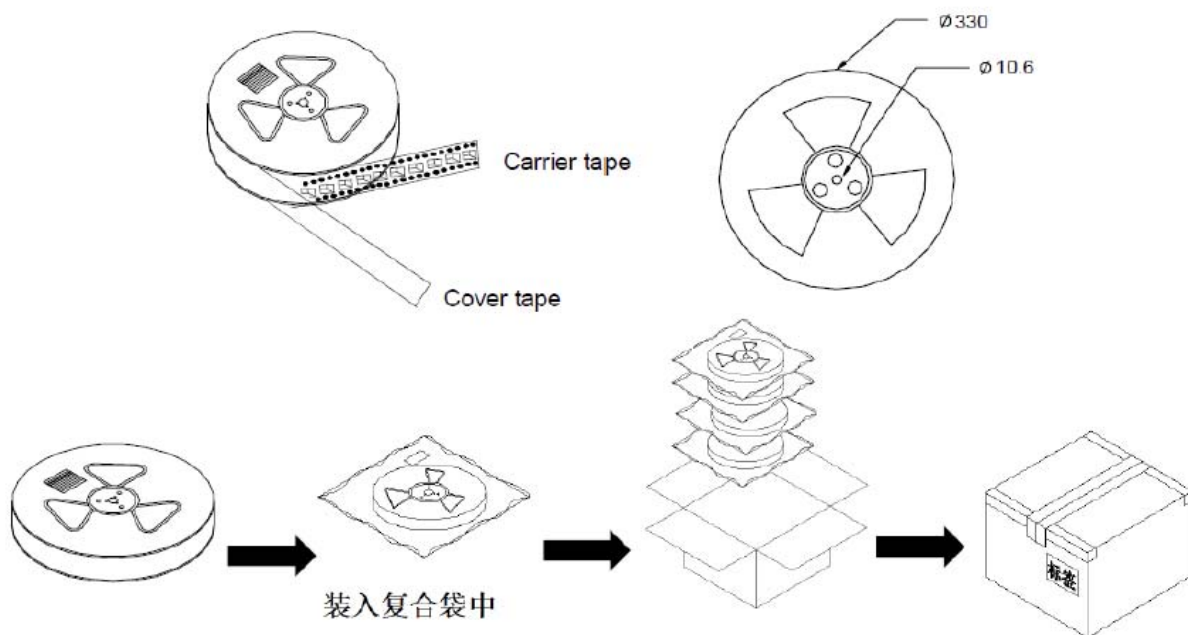
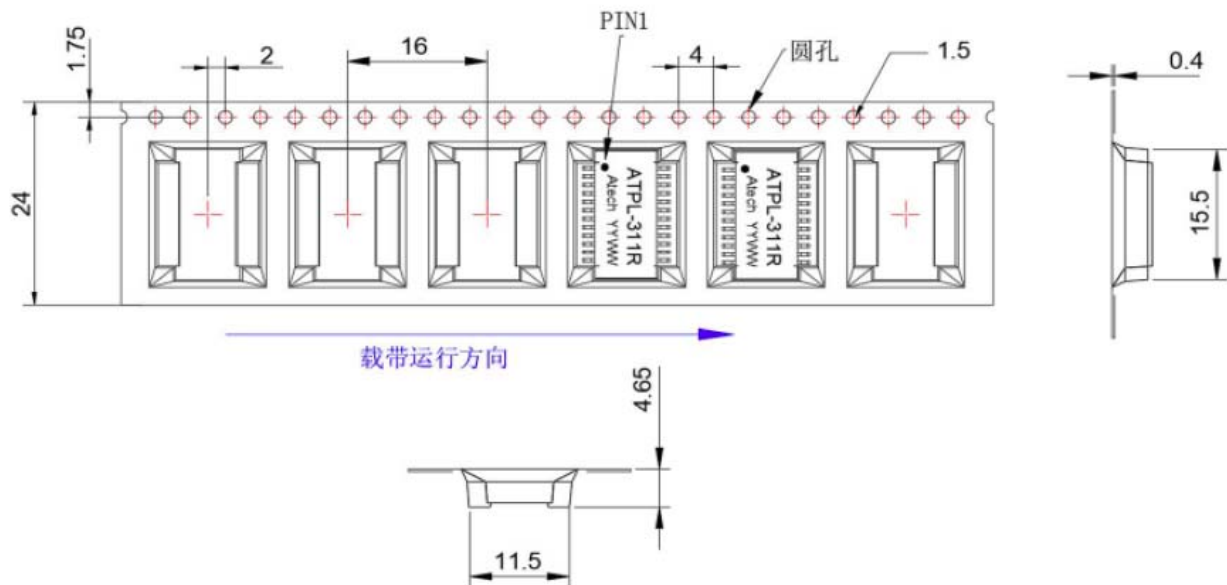


ELECTRICAL SPECIFICATIONS @25°C :

1. OCL : 350 μ H MIN. @100KHz, 0.1Vrms 8mA DC BIAS
2. TURN RATIO : TX = 1CT : 1CT
RX = 1CT : 1CT
3. VOLTAGE ISOLATION : 1500Vrms, 2mA, 60SEC
4. INSERTION LOSS : 1-100MHz = -1.0dB MAX.
100-125MHz = -1.2dB MAX.
5. RETURN LOSS (@100 Ω) : 1-30MHz = -18dB MIN.
30-60MHz = -14dB MIN.
60-80MHz = -12dB MIN.
100MHz = -10dB MIN.
6. CROSS TALK : 1-100MHz = -30dB MIN.
7. INTERWINDING CAPACITANCE : 28PF Typ
8. DCR : 1.2 Ω MAX.
9. LEAKAGE INDUCTANCE : 0.5 μ H MAX.
10. OPERATING TEMPERATURE RANGE : 0°C~+70°C
11. RoHS COMPLIANT

								TITLE 100/1000 BASE-T TRANSFORMER	
								DWG. NO. ATPL-311R	
	RELEASE	03/16 /2023	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 OF 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 03/16/23	P/N:		DRAW SHIRLEY
REVISIONS									

3. 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	800	800x8=6400		

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