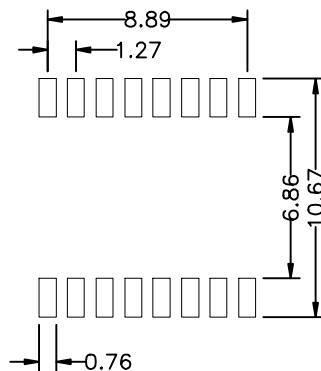
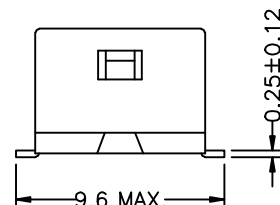
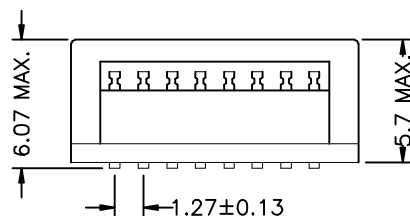
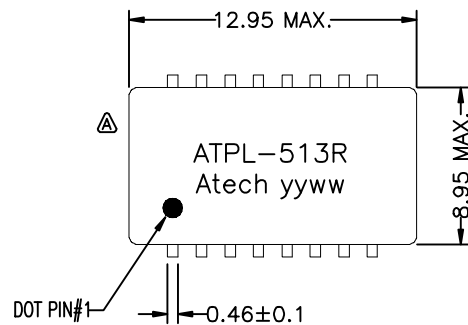
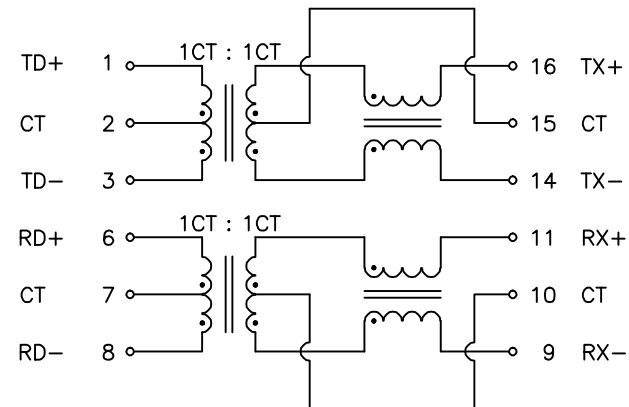




SUGGESTED PAD LAYOUT

TOLERANCES: xx.x0±0.25
0.xx±0.05

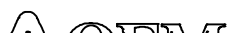


- * OPERATING TEMPERATURE RANGE : -40°C~+85°C
- * RoHS COMPLIANT
- * STORAGE TEMPERATURE RANGE : -25°C~+125°C

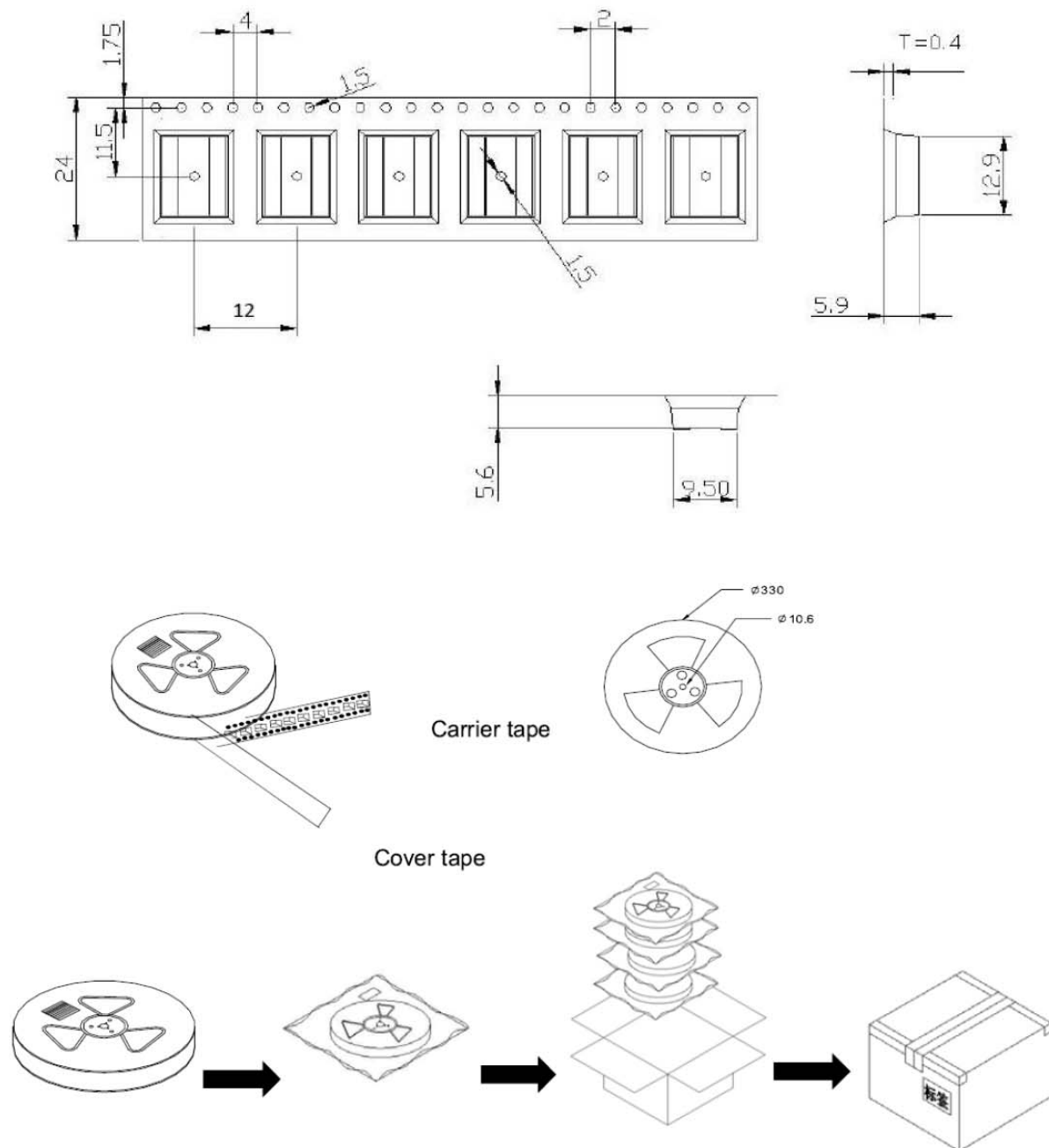
ELECTRICAL SPECIFICATIONS @25°C:

1. TURNS RATIO : TX = 1CT : 1CT ±5%
RX = 1CT : 1CT ±5%
2. OCL (100kHz/0.1V WITH 8mA/DC BIAS) :
PIN 1-3 = 6-8 = 350uH MIN.
3. LEAKAGE INDUCTANCE : PIN 1-3 (PIN 16,14 SHORT) = 0.5uH MAX.
PIN 6-8 (PIN 11,9 SHORT) = 0.5uH MAX.
4. Cw/w : PIN 2-15 & 7-10 = 35pF MAX.
5. DCR : 1.2Ω MAX.
6. INSERTION LOSS : 1-100MHz = -1.0dB MAX.
7. RETURN LOSS (@100Ω) : 1-30MHz = -18dB MIN.
30-60MHz = -14dB MIN.
60-80MHz = -12dB MIN.
8. DCMR : 1-100MHz = -30dB MIN.
9. CROSS TALK : 1-100MHz = -30dB MIN.
10. HI-POT : 4KVrms, 1mA, 2SEC

Ⓐ 11. Compliant with IEEE 802.3u & 802.3af standard

								TITLE 10/100 BASE-TX TRANSFORMER	
B	Add to Item 11 directions	09/11/2020	SHIRLEY	BETTY	BETTY			DWG. NO. ATPL-513R	
A	Printing changed from three lines to two lines & Add item 11 directions	08/22/2019	SHIRLEY	BETTY	BETTY				
	RELEASE	10/30/2017	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 10/30/17		P/N:	
REVISIONS								SHEET 1 of 1	
								DRAW SHIRLEY	

3. Package:



Product	PCS/Reel	PCS/Box	Product No.	Weight(g/pcs)
SMD 16 PIN Series	750	750*8=6000		0.85

Remarks:

- 1) Packing Level & Storage Condition based on MSL1
- 2) ESD package (ESD standard : $10^4 \leq R_s < 10^{11} \Omega$, period is 1-3 years)
- 3) Parts packaging meet EIA-481 standard (pull 0.26N~1.3N)

Pb-free Soldering Heat Withstanding Survey

