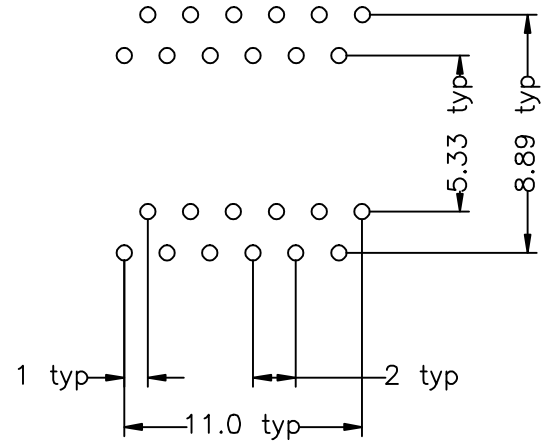
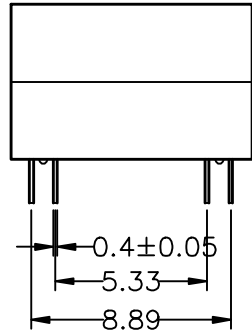
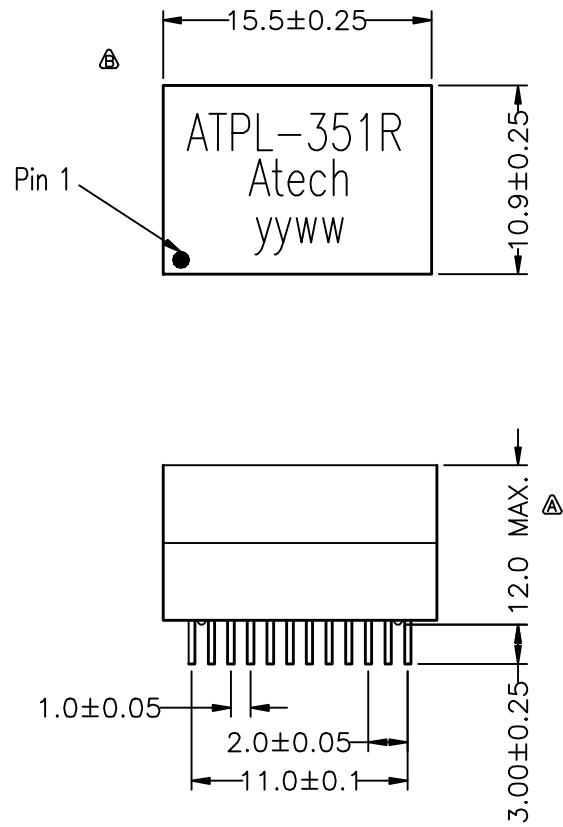


Mechanical Dimensions :



Suggested PAD Layout

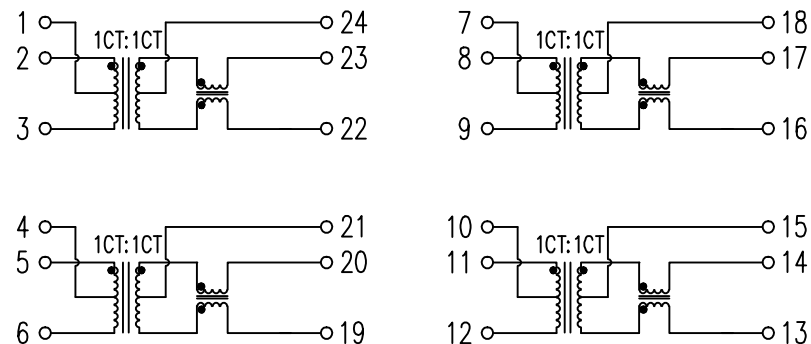
								TITLE 10/100/1000 BASE-TX TRANSFORMER
B	CHANGE EXTERIOR & ELECTRICAL SPECIFICATIONS	03/23 /2018	SHIRLEY	BETTY	BETTY			DWG. NO. ATPL-351R
A	CHANGE DIM.	12/06 /2011	SHIRLEY	BETTY	BETTY	UNITS: M/M		SHEET 1 of 2
	RELEASE	10/25 /2011	SHIRLEY	BETTY	BETTY			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 10/25/11	SAFETY P/N:	DRAW SHIRLEY
REVISIONS								



ELECTRICAL SPECIFICATIONS @ 25°C :

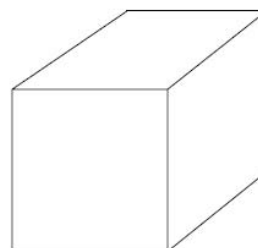
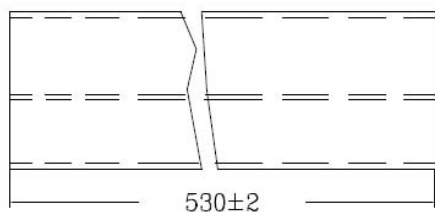
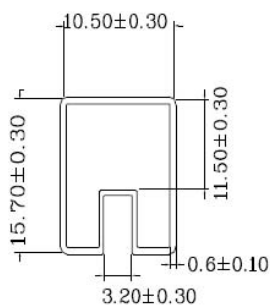
1. TURNS RATIO ($\pm 5\%$) : 1CT : 1CT
2. OCL (@100KHz/0.1V WITH 8mA BIAS) : 350uH MIN.
3. L.L : 0.5uH MAX.
4. DCR : 1.4 Ω MAX.
5. INSERTION LOSS : 1-100MHz = -1.1dB MAX.
6. RETURN LOSS : 1-30MHz = -18dB MIN.
40MHz = -14.4dB MIN.
50MHz = -13.1dB MIN.
60-80MHz = -12dB MIN.
100MHz = -10dB MIN.
7. CROSS TALK : 30MHz = -40dB MIN.
60MHz = -35dB MIN.
100MHz = -30dB MIN.
8. DIFFERENTIAL TO COMMON MODE REJECTION : 30MHz = -40dB MIN.
60MHz = -35dB MIN.
100MHz = -30dB MIN.
9. HI-POT : 1500Vrms, 1mA, 60SEC
10. OPERATING TEMPERATURE RANGE : 0°C~+70°C
11. IEEE802.3 SPECIFICATION
12. RoHS COMPLIANT

Circuit Schematic :

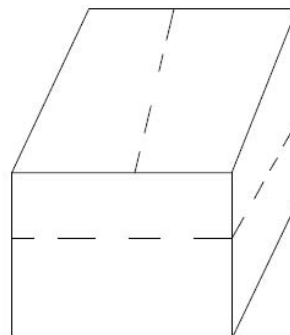
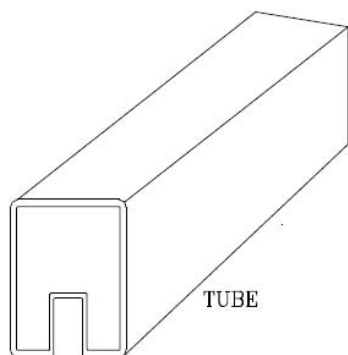


								TITLE 10/100/1000 BASE-TX TRANSFORMER
B	CHANGE EXTERIOR & ELECTRICAL SPECIFICATIONS	03/23 /2018	SHIRLEY	BETTY	BETTY			DWG. NO. ATPL-351R
A	CHANGE DIM.	12/06 /2011	SHIRLEY	BETTY	BETTY	UNITS: M/M		SHEET 2 of 2
	RELEASE	10/25 /2011	SHIRLEY	BETTY	BETTY			DRAW SHIRLEY
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 10/25/11	SAFETY P/N:	
REVISIONS								

Package :



INNERCARTON: 570(L)X180(W)X100(H)



EXPORTCARTON: 580(L)X380(W)X240(H)

一管裝: 32PCS

一小箱: 1600PCS

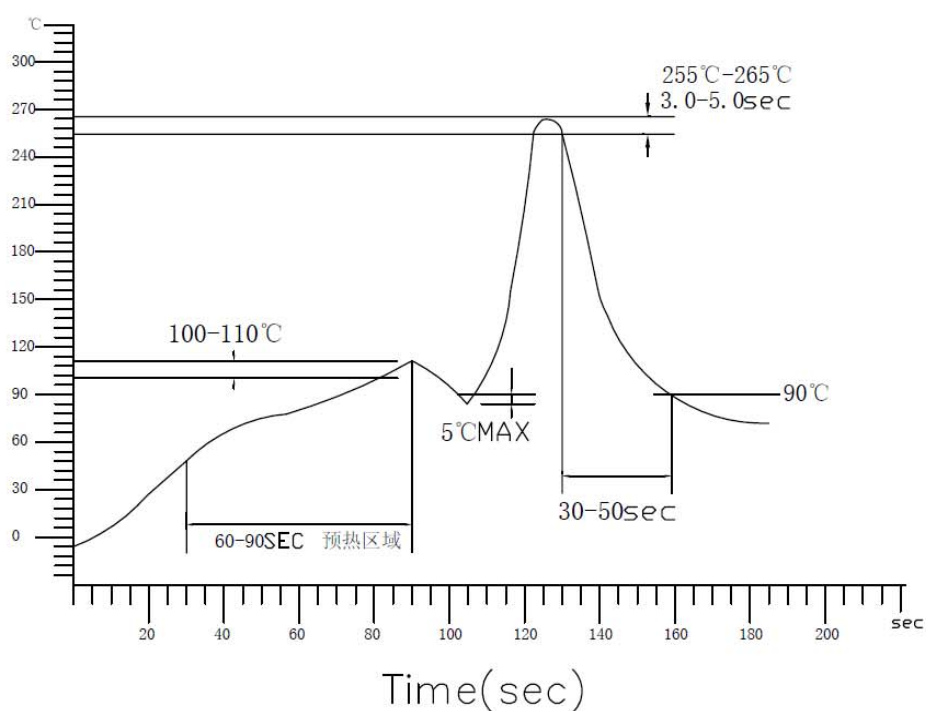
一大箱: 6400PCS

6. Soldering Heat Withstanding Survey (DIP)

Pb-free Soldering Heat Withstanding Survey(DIP)

Reflow conditions	Preheat area	Time at 220℃ or higher	Peak Temp	Holding time at 260℃ temp
Recommended conditions	Max 120s	Max 30s	260℃	Max 6S

Soldering Temp.profile



Soldering conditions	Soldering Temp.	Heating Time
Recommended conditions	260℃±5℃	Max 6 sec

Soldering Iron Conditions	Soldering Iron Temp	Heating Time
Recommended conditions	350±10℃	Max 5 sec

Part Electrode Plating Constitution	Sn.CU
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Any other series applicable same conditions	NO
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Packing Configuration	TRAY
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