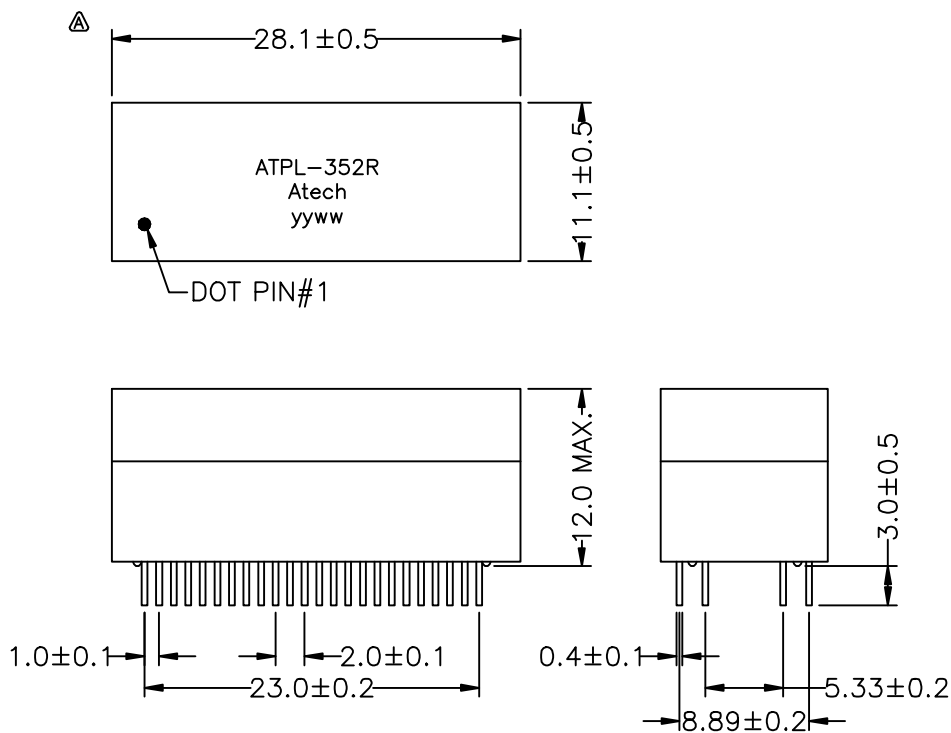
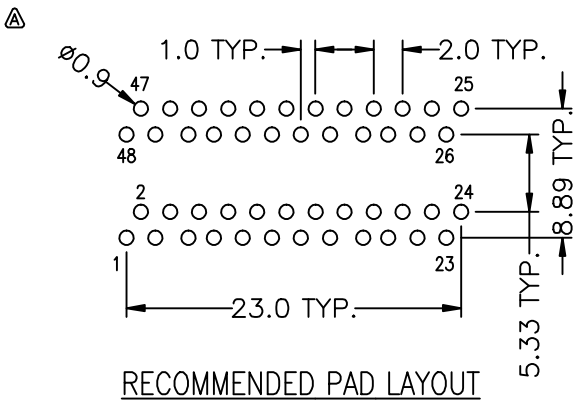


Mechanical Dimensions :



UNITS : MILLIMETER ALL TOLERANCES ARE ± 0.25 mm

DIP Pad Dimensions : (TOP VIEW)



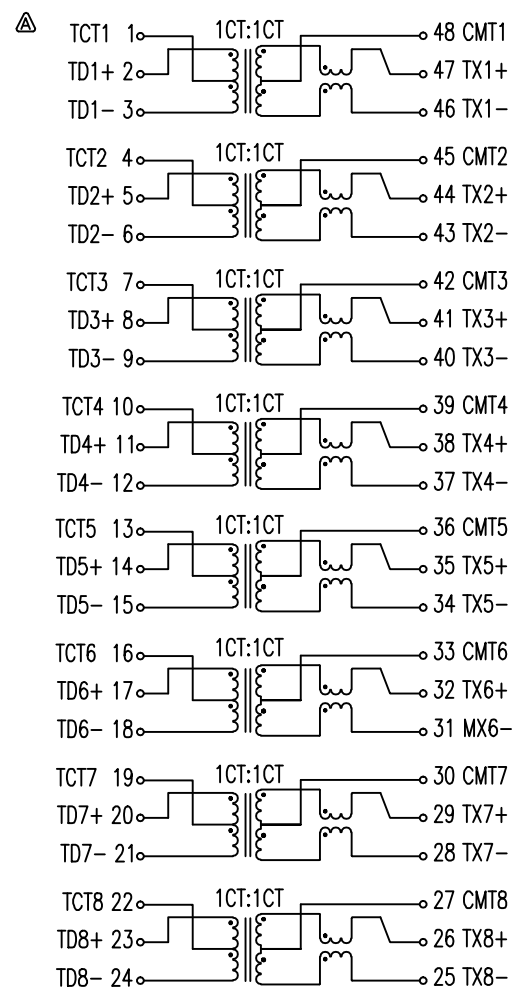
△ * RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS :

1. INSULATION HI-POT(PRI./SEC.) : 1500Vrms, 1mA, 60SEC
2. TURN RATIO (±5%) : TX = 1CT : 1CT
RX = 1CT : 1CT
3. OCL : 350uH MIN. 100KHz/0.1V AT 8mA DC BIAS
4. INSERTION LOSS : 1-100MHz = -1.1dB MAX.
5. RETURN LOSS (dB MIN.) : 1-30MHz 40MHz 50MHz 60-80MHz 100MHz
-18 -14.4 -13.1 -12 -10
6. CROSS TALK (dB MIN.) : 1-100MHz : -30
7. COMMON MODE REJECTION (dB MIN.) : 1-100MHz : -30
8. LEAKAGE INDUCTOR (100KHz, 0.1Vrms) : 0.5uH MAX.
9. DCR : 1.4Ω MAX.
10. OPERATING TEMPERATURE : 0°C to +70°C

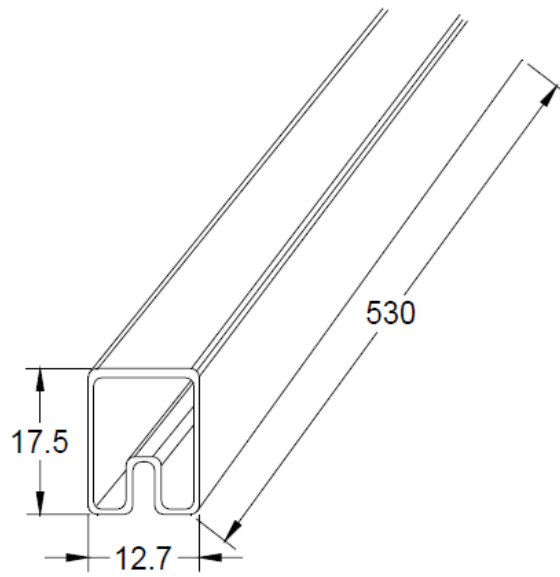
						TITLE 1000 BASE-TX DUAL PORTS TRANSFORMER	
						DWG. NO. ATPL-352R	
A	CHANGE EXTERIOR & CIRCUIT & ELECTRICAL CHARACTERISTICS	07/16 /2018	SHIRLEY	BETTY			
	RELEASE	09/28 /2010	SHIRLEY	BETTY	KING		
NO:	DESCRIPTION	DATE	BY	CHK	APPD	UNITS: M/M	SHEET 1 of 2
REVISIONS						DATE 09/28/10	DRAW SHIRLEY

Circuit Schematic :

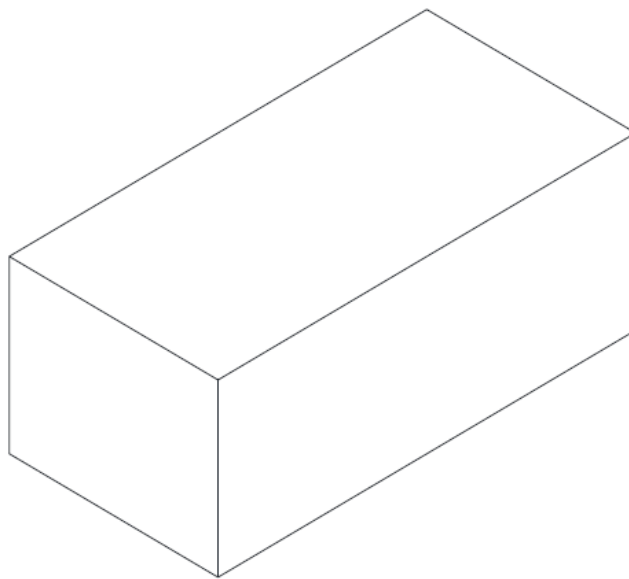


								TITLE 1000 BASE-TX DUAL PORTS TRANSFORMER	
								DWG. NO. ATPL-352R	
	RELEASE	09/28/2010	SHIRLEY	BETTY	KING	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 09/28/10		P/N:	
REVISIONS						09/28/10		DRAW SHIRLEY	

1. Package :



Tube: 530*12.7*17.5mm



Export Carton

Package Quantity:

One Tube=18Pcs

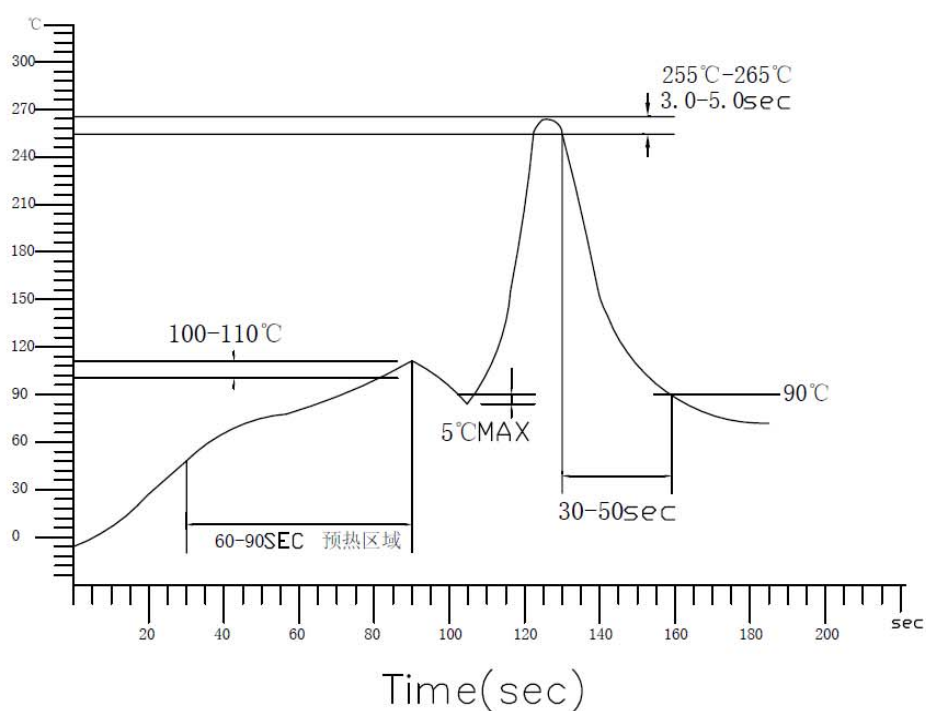
One Export Carton=3600Pcs

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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