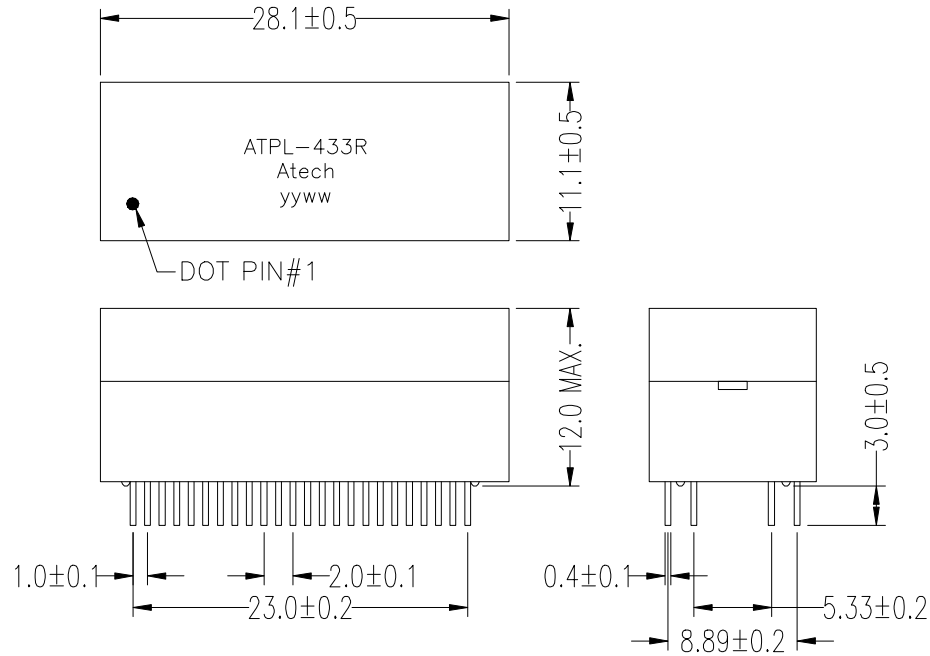
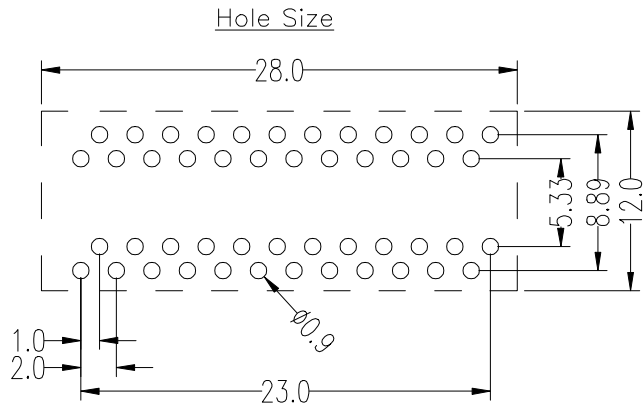


Mechanical Dimensions :



DIP Pad Dimensions : (TOP VIEW)




RECOMMENDED PAD LAYOUT

UNITS : MILLIMETER ALL TOLERANCES ARE ± 0.25 mm

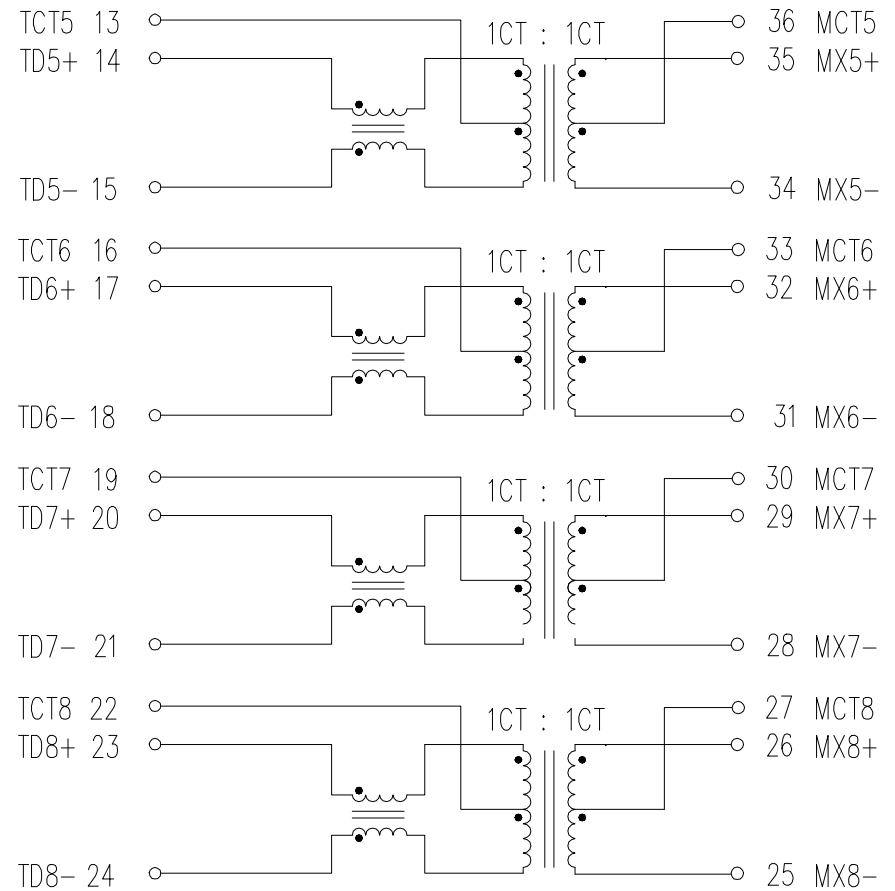
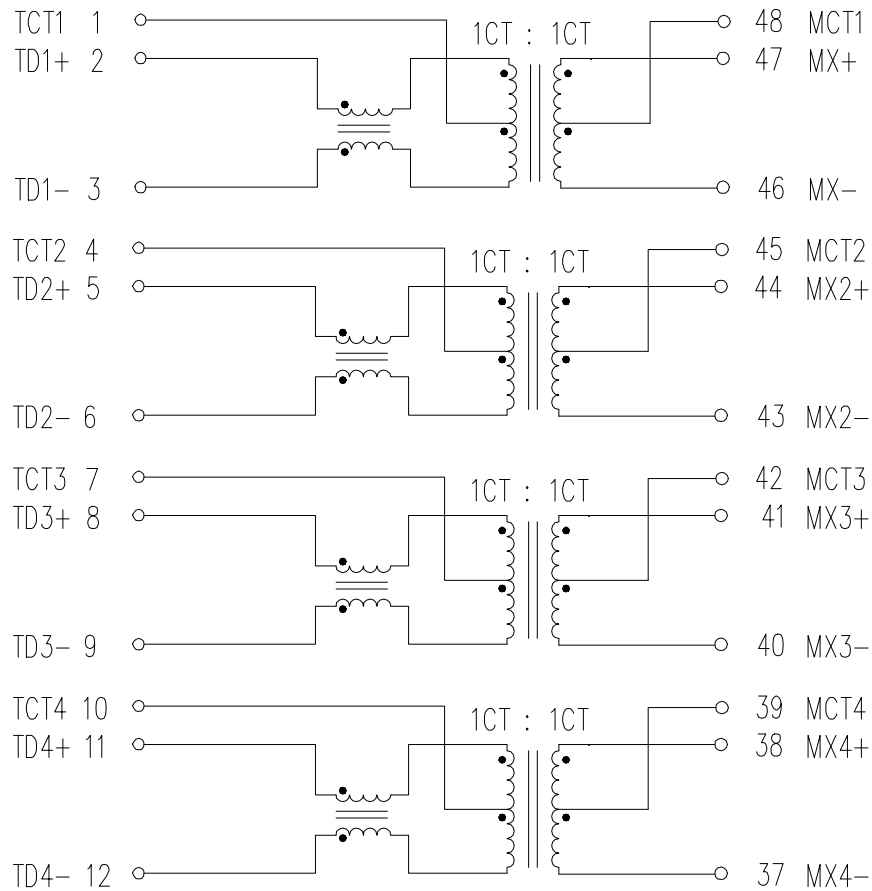
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS @25°C:

1. TURN RATIO : TX/RX = 1CT : 1CT ±5%
2. PRI OCL (@100kHz/0.1V With 8mA DC Bias) : 350uH MIN.
3. INSERTION LOSS : 1-100MHz = -1.1dB MAX.
4. RETURN LOSS (@100Ω) : 1-30MHz = -18dB MIN.
 40MHz = -14.4dB MIN.
 50MHz = -13.1dB MIN.
 60-80MHz = -12dB MIN.
 100MHz = -10dB MIN.
5. DCMR : 1-100MHz = -30dB MIN.
6. CROSS TALK : 1-100MHz = -30dB MIN.
7. LK(@100kHz, 0.1Vrms) : 0.5uH MAX.
8. DCR : 1.4Ω MAX
9. HI-POT : 1500Vrms, 1mA, 60SEC PRI TO SEC
10. OPERATING TEMPERATURE RANGE : 0°C~+70°C

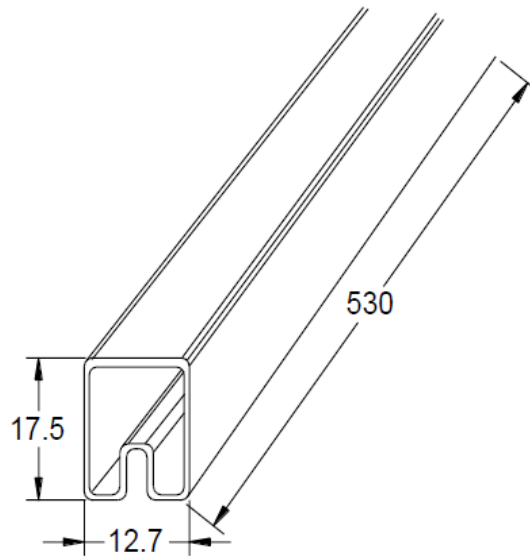
								TITLE 1000 BASE-TX DUAL PORTS TRANSFORMER	
								DWG. NO. ATPL-433R	
RELEASE		03/12/2021	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 of 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 03/12/21	P/N:	DRAW SHIRLEY	
REVISIONS									

Circuit Schematic :

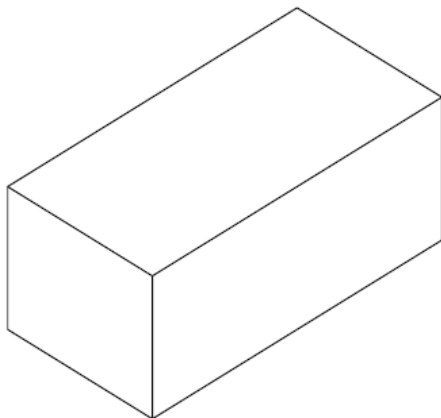


							TITLE 1000 BASE-TX DUAL PORTS TRANSFORMER	
							DWG. NO. ATPL-433R	
	RELEASE	03/12/2021	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY	SHEET 2 OF 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	M/M		
REVISIONS						DATE	P/N:	DRAW
						03/12/21		SHIRLEY

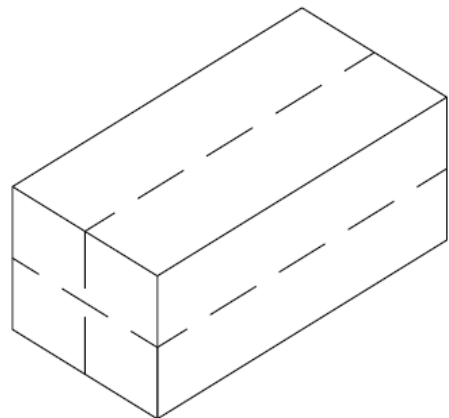
3. Package:



Tube: 530*12.7*17.5mm



Inner Carton: L570*W180*H100mm



Export Carton: L580*W380*H240mm

Package Quantity:

One Tube=18Pcs

One Inner Carton=18*50=900Pcs

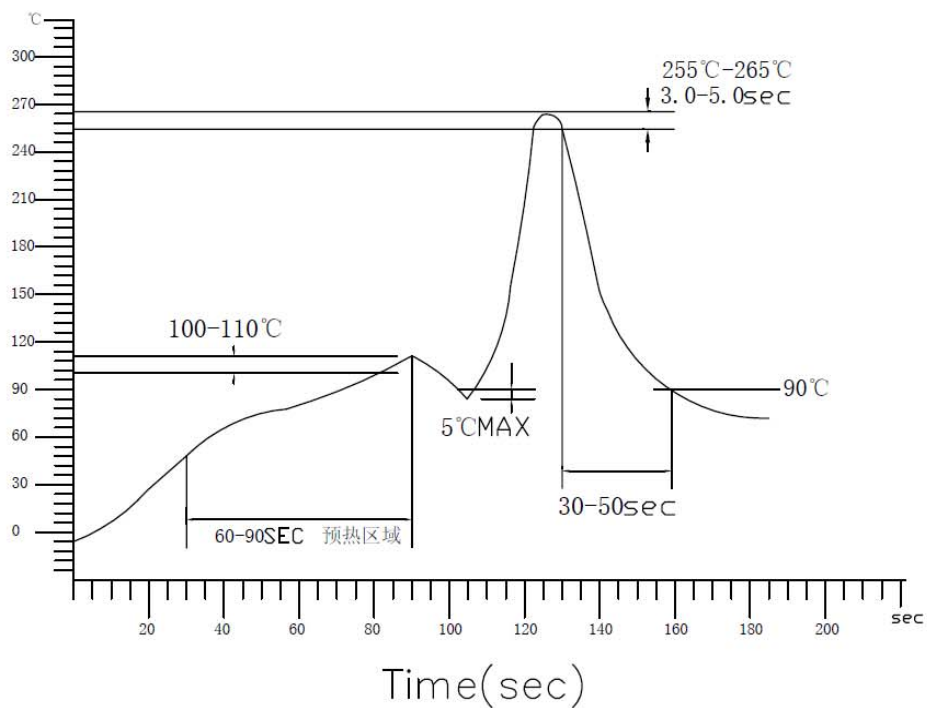
One Export Carton=900*4=3600Pcs

6. Soldering Heat Withstanding Survey (DIP)

Pb-free Soldering Heat Withstanding Survey(DIP)

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

Soldering Temp.profile



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

Soldering Iron Conditions	Soldering Iron Temp	Heating Time
Recommended conditions	350±10°C	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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