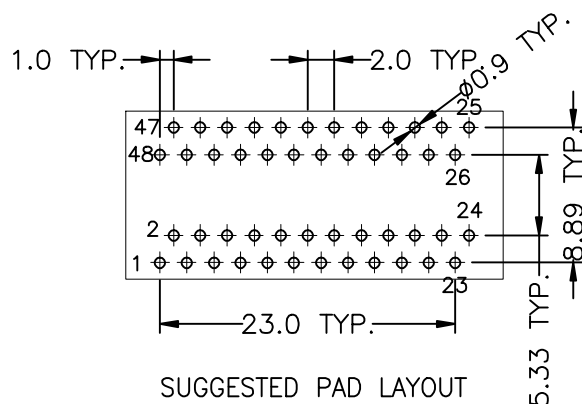
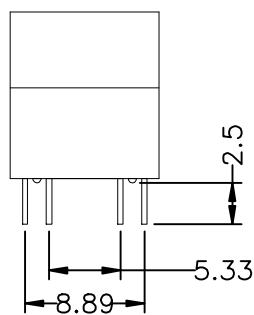
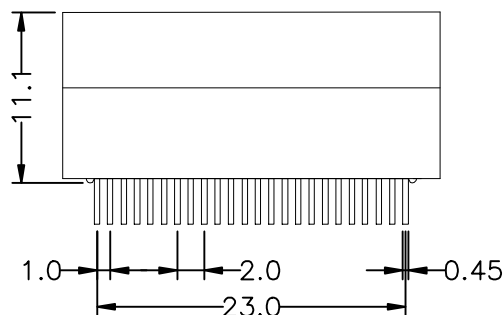
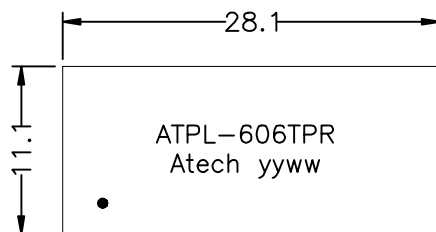




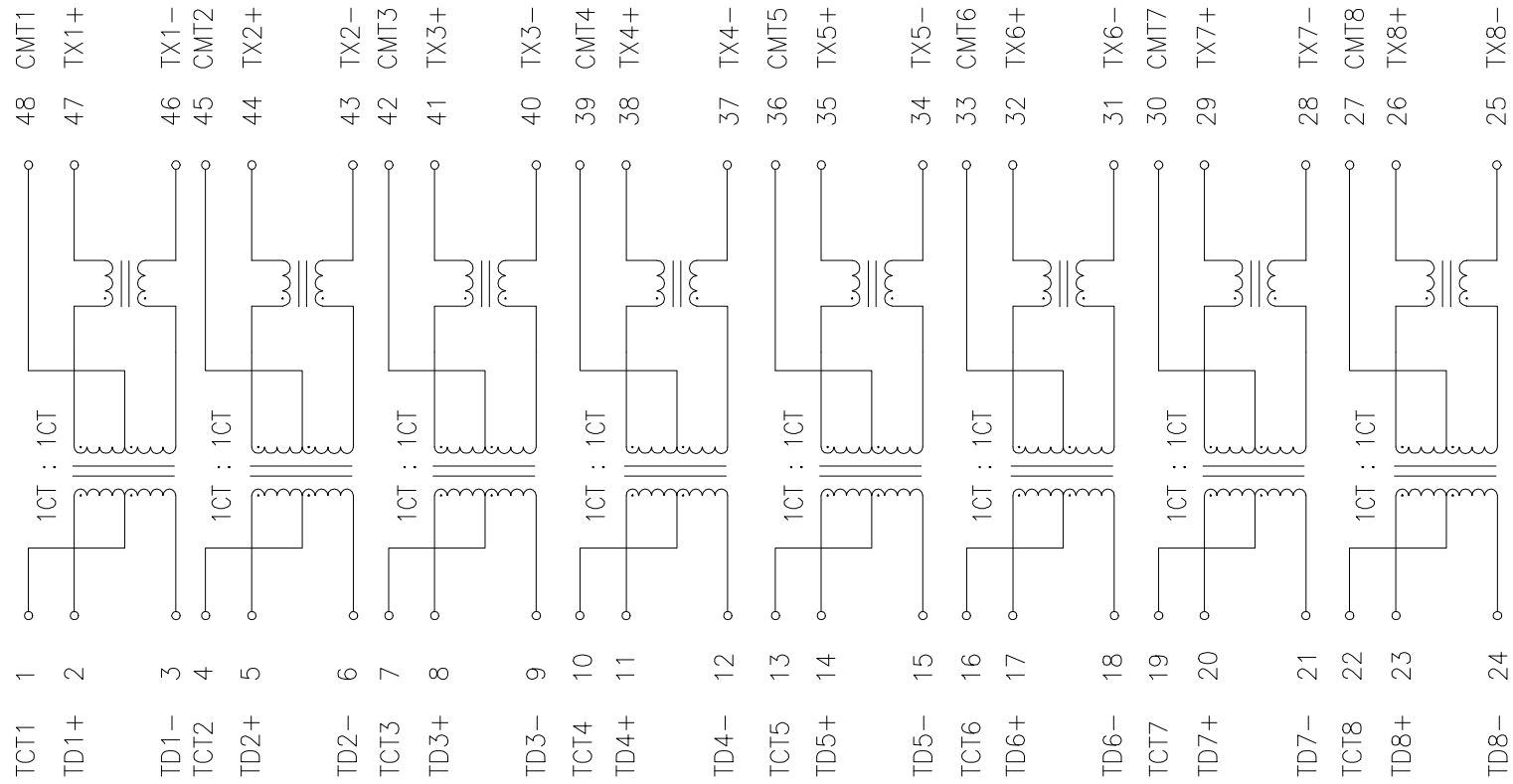
UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE $\pm 0.25\text{mm}$

* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS@25°C

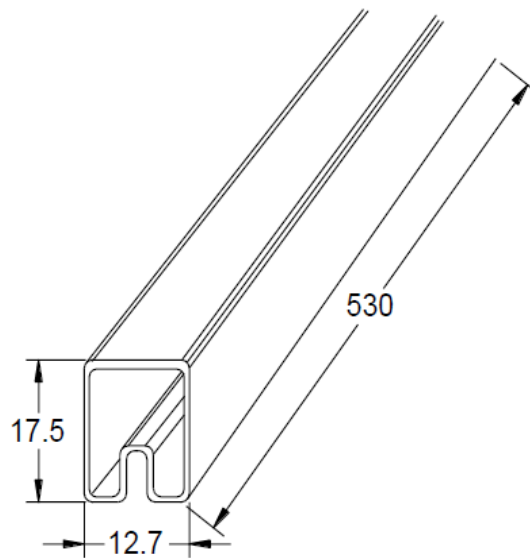
1. OCL : (@100kHz, 0.2V) : 180uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.2V) : 0.5uH MAX.
3. DCR : 1.0Ω MAX.
4. TURNS RATIO : 1CT : 1CT $\pm 5\%$
5. INSERTION LOSS : (@1-100MHz) : -1.0dB MAX.
(@100-250MHz) : -2.0dB MAX.
6. RETURN LOSS : 1-40MHz : -18dB MIN.
40-150MHz : -12dB MIN.
150-250MHz : -8dB MIN.
7. CROSS TALK : 1-100MHz : -40dB MIN.
100-250MHz : -30dB MIN.
8. COMMON MODE REJECTION : (@1-250MHz) : -30dB MIN.
9. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
10. COMPLIANT WITH IEEE 802.3bz & 802.3bt STANDARD
11. DC LINE DC CURRENT 1.4A CAPABILITY
12. 4PAIRS CURRENT 1.9A CAPABILITY
13. OPERATING TEMPERATURE : -40°C TO +85°C
14. STORAGE TEMPERATURE : -40°C TO 85°C

								TITLE	
								2.5G/5G BASE-T PoE TRANSFORMER	
								DWG. NO. ATPL-606TPR	
	RELEASE	06/08/2023	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY		SHEET 1 OF 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						06/08/23		SHIRLEY	

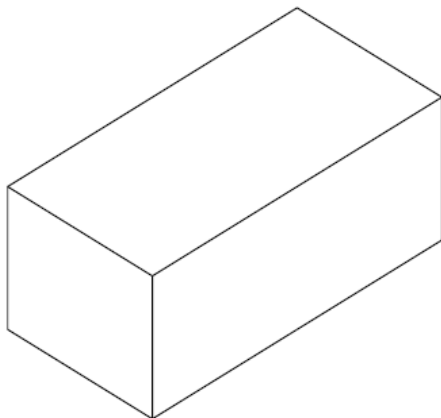


								TITLE 2.5G/5G BASE-T PoE TRANSFORMER	
								DWG. NO. ATPL-606TPR	
	RELEASE	06/08/2023	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 06/08/23		P/N:	
REVISIONS								SHEET 2 of 2	
								DRAW SHIRLEY	

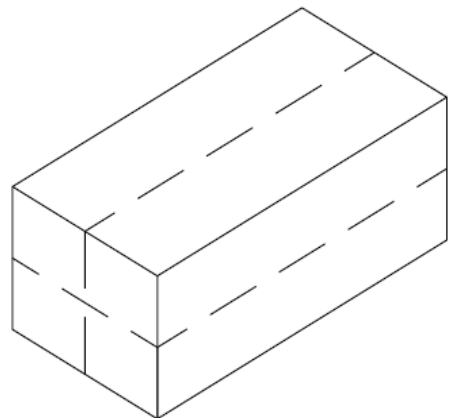
3. Package:



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

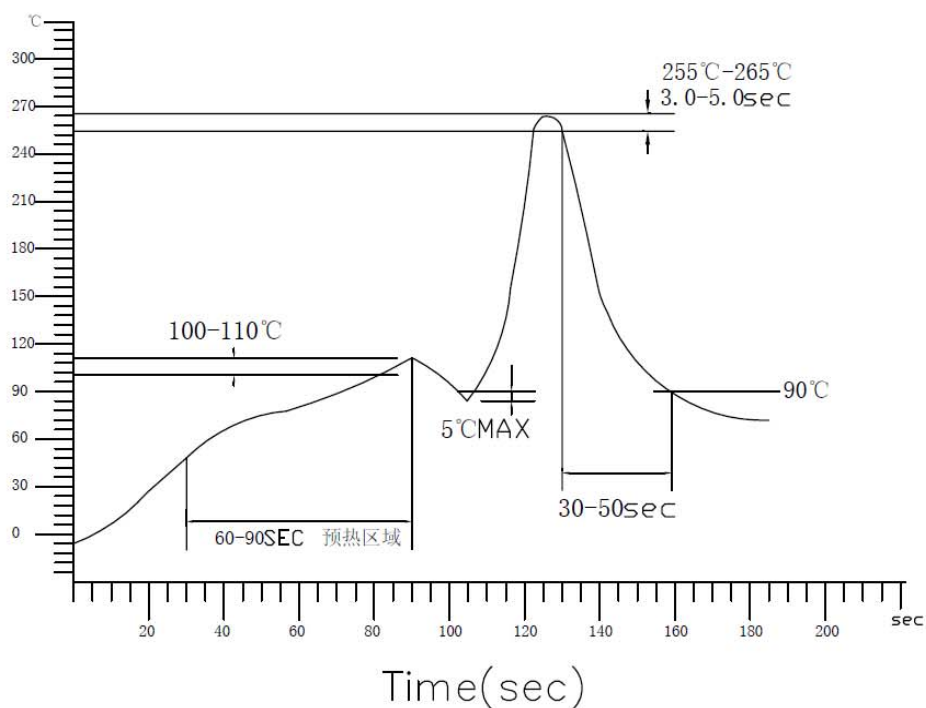
One Export Carton=900*4=3600Pcs

6. Soldering Heat Withstanding Survey (DIP)

Pb-free Soldering Heat Withstanding Survey(DIP)

Reflow conditions	Preheat area	Time at 220℃ 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
-------------------------------------	-------

Any other series applicable same conditions	NO
---	----

Packing Configuration	TRAY
-----------------------	------