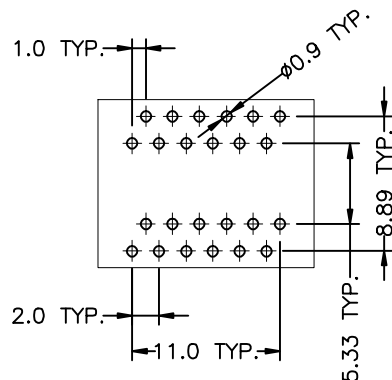
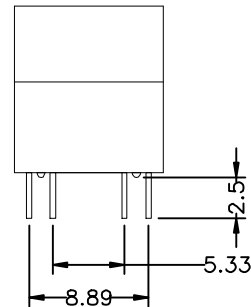
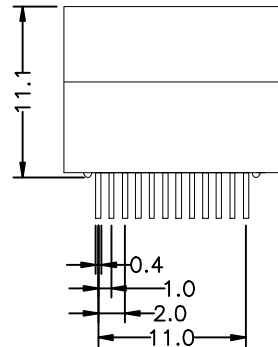
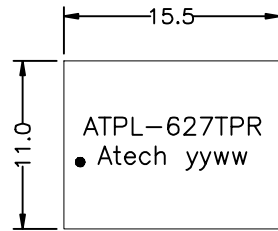
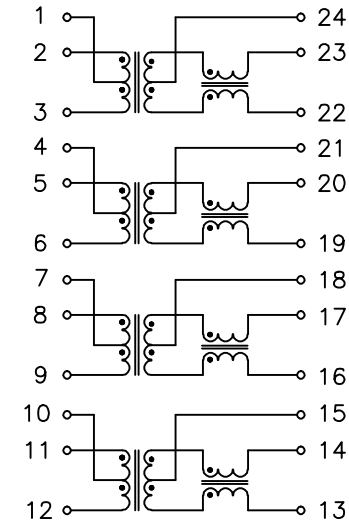




SUGGESTED PAD LAYOUT

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



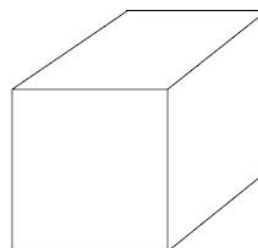
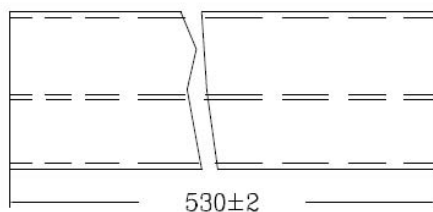
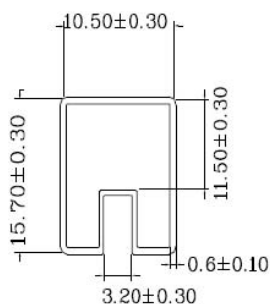
* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS@25°C

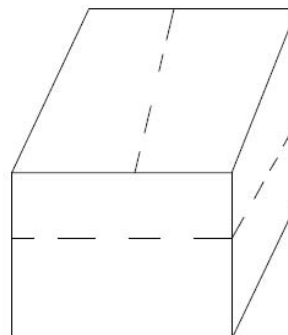
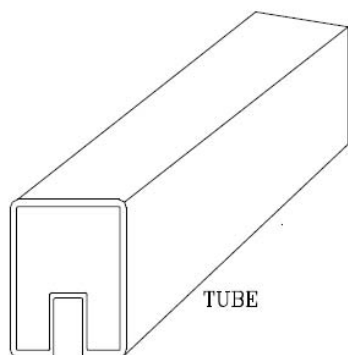
1. OCL : (@100kHz, 0.1V WITH 8mA BIAS) : 180uH MIN.
2. DCR : 1.0Ω MAX.
3. TURNS RATIO : 1CT : 1CT $\pm 5\%$
4. INSERTION LOSS : (@1-100MHz) : -1.0dB MAX.
(@100-125MHz) : -1.5dB MAX.
5. RETURN LOSS : (@1≤f≤40MHz) : -16dB MIN.
(@40<f≤250MHz, where f is in MHz) : -16+10 log (f/40)dB MIN.
6. CROSS TALK : (@1-125MHz) : -30dB MIN.
7. COMMON MODE REJECTION : (@1-125MHz) : -30dB MIN.
8. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
9. COMPLY WITH IEEE802.3bz & 802.3at
10. SUITABLE FOR END-SPAN PoE APPLICATIONS WITH 720mA CURRENT CAPABILITY
11. OPERATING TEMPERATURE : -40°C to +105°C
12. STORAGE TEMPERATURE : -40°C to +125°C

						AOEM		TITLE 2.5G POE TRANSFORMER	
								DWG. NO. ATPL-627TPR	
	RELEASE	03/13 /2024	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						03/13/24		SHIRLEY	

Package :



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



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

一管裝: 32PCS

一小箱: 1600PCS

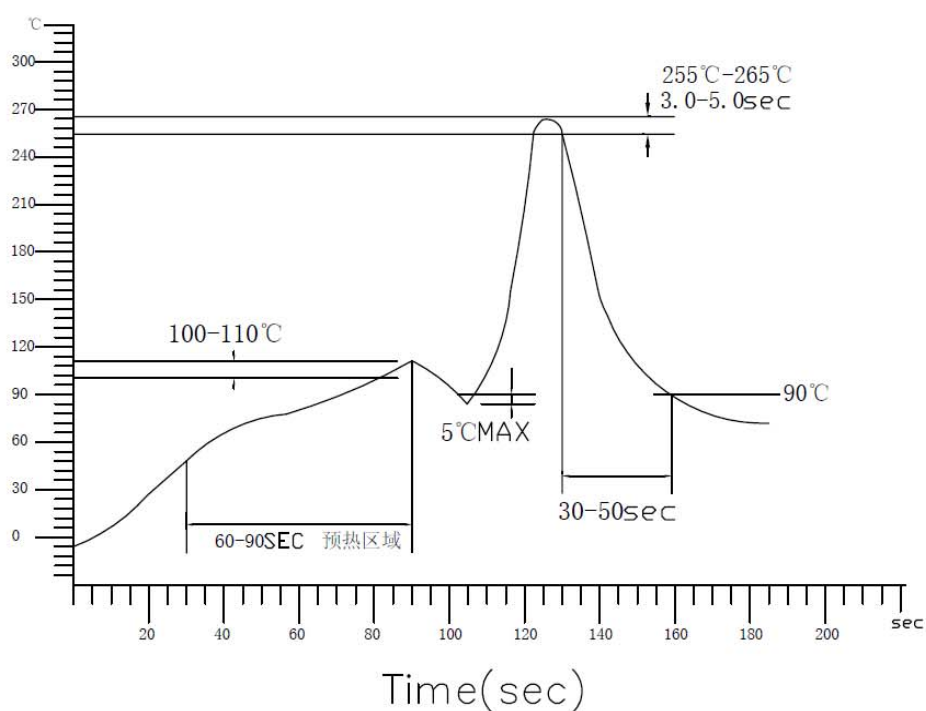
一大箱: 6400PCS

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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