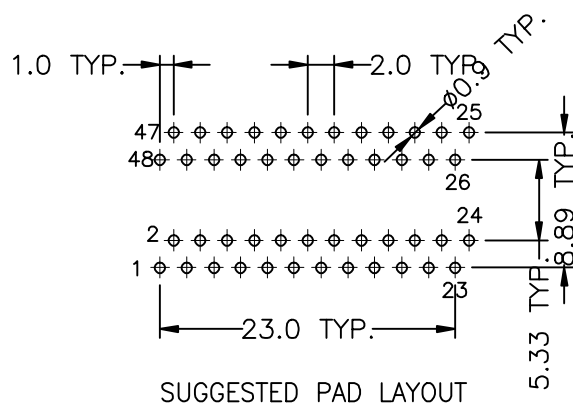
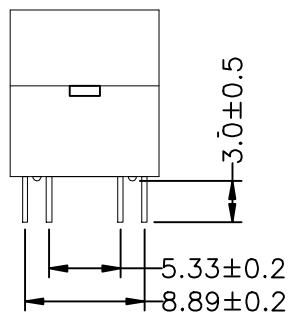
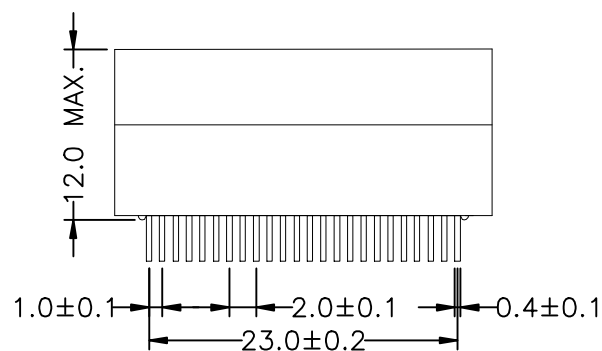
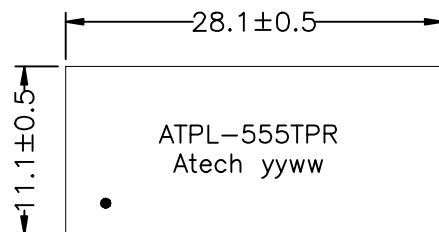


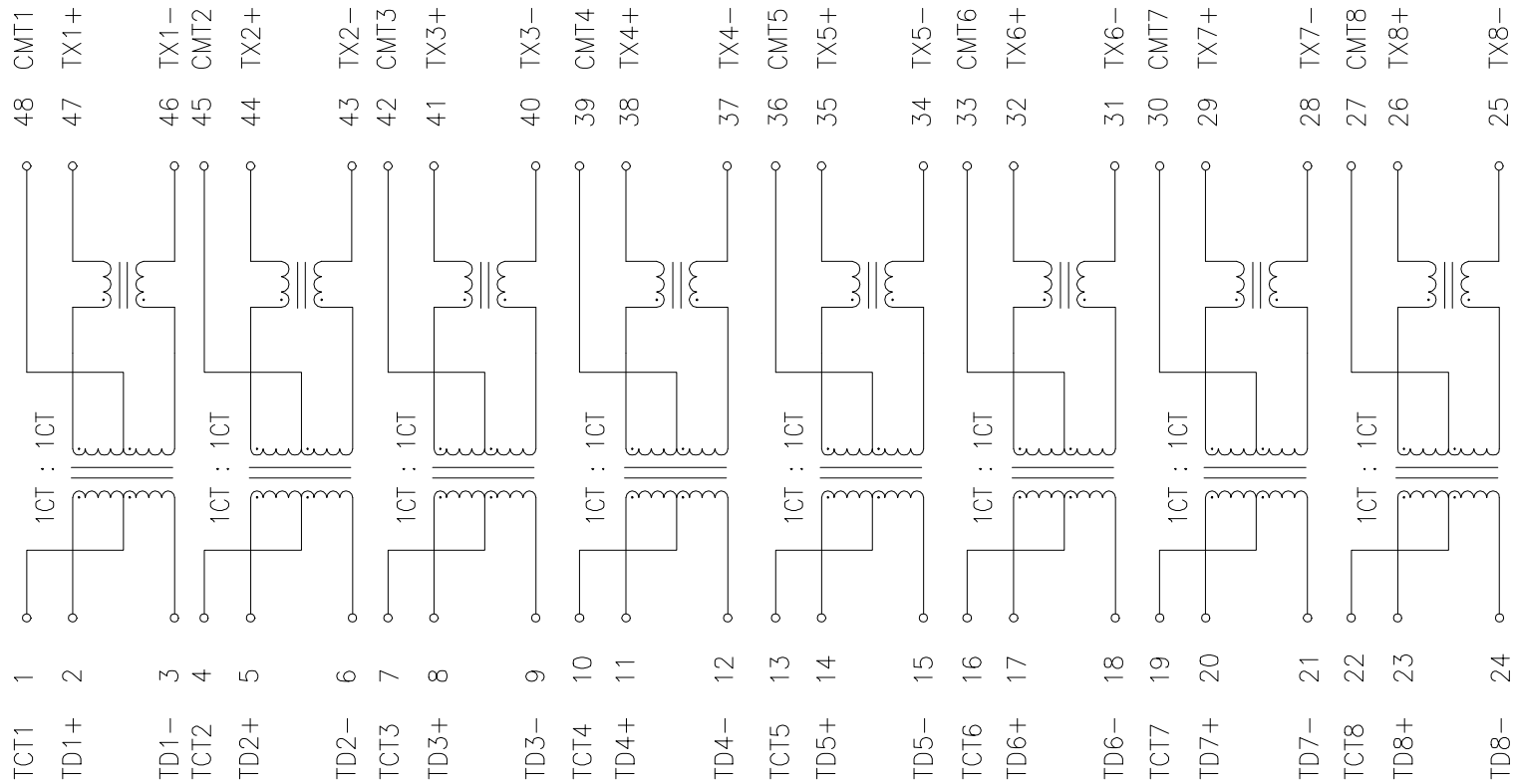


* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS@25°C

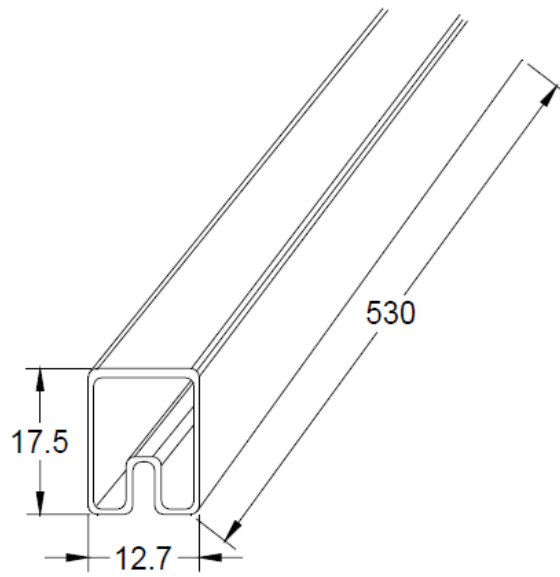
1. OCL : (@100kHz, 0.1V) : 150uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.1V) : 0.5uH MAX.
3. DCR : 1.0Ω MAX.
4. TURNS RATIO : 1CT : 1CT ±5%
5. INSERTION LOSS : (@1-100MHz) : -1.0dB MAX.
(@100-250MHz) : -2.0dB MAX.
6. RETURN LOSS :
-16dB MIN. @ $1 \leq f \leq 40$ MHz
-16+10log (f/40)dB MIN @ $40 < f \leq 250$ MHz, Where f is in MHz
7. CROSS TALK : (@1-250MHz) : -30dB TYP.
8. COMMON MODE REJECTION : (@1-250MHz) : -30dB TYP.
9. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
10. PoE Support 100W : Each channel support 1A DC balance current,
Full channels support 2A DC balance current.
11. OPERATING TEMPERATURE : -40°C TO +85°C
12. STORAGE TEMPERATURE : -40°C TO 85°C

								TITLE		2.5G/5G POE TRANSFORMER	
								DWG. NO.		ATPL-555TPR	
	RELEASE		10/08/2021	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY			
NO:	DESCRIPTION		DATE	BY	CHK	APPD	M/M			SHEET 1 OF 2	
							DATE	P/N:		DRAW	
REVISIONS							10/08/21			SHIRLEY	

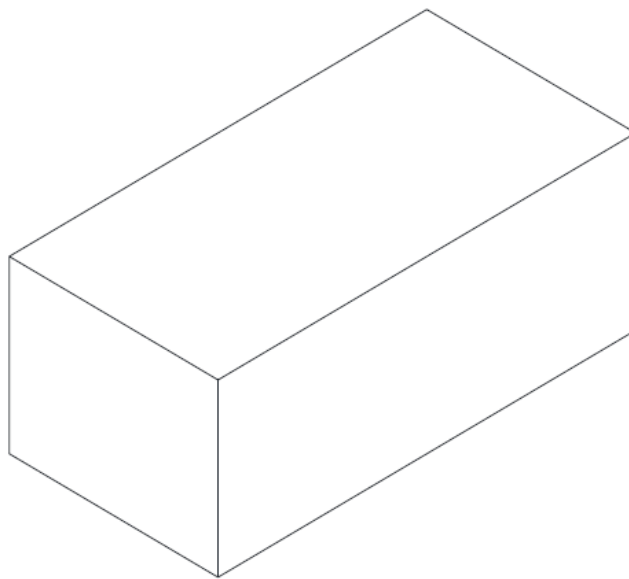


								TITLE 2.5G/5G POE TRANSFORMER	
								DWG. NO. ATPL-555TPR	
	RELEASE	10/08/2021	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 10/08/21		P/N:	
REVISIONS						10/08/21		DRAW SHIRLEY	
								SHEET 2 of 2	

1. Package :



Tube: 530*12.7*17.5mm



Export Carton

Package Quantity:

One Tube=18Pcs

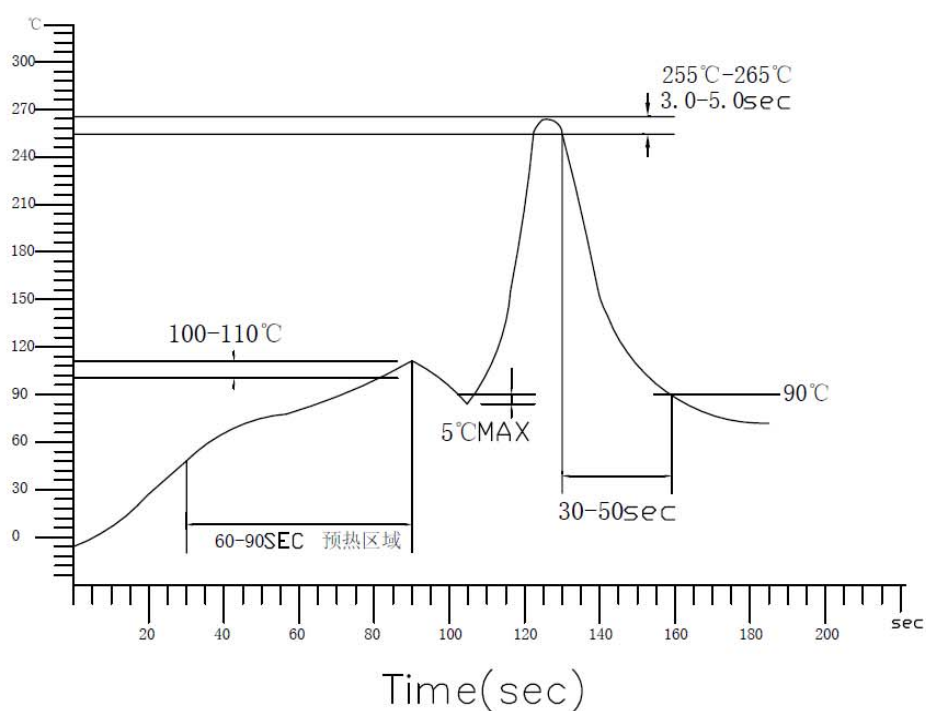
One Export Carton=3600Pcs

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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