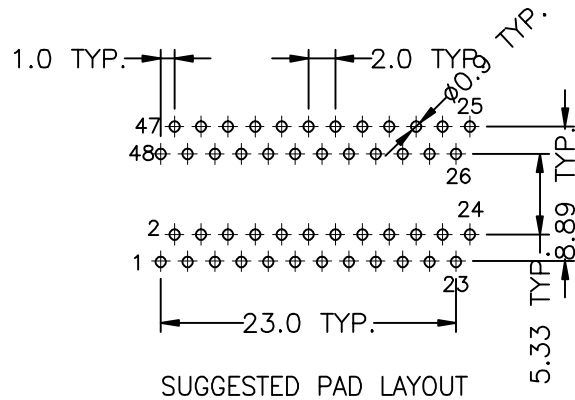
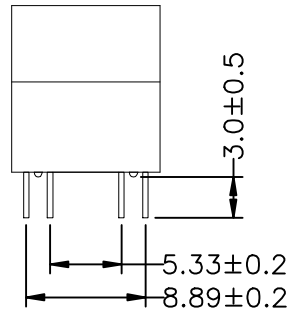
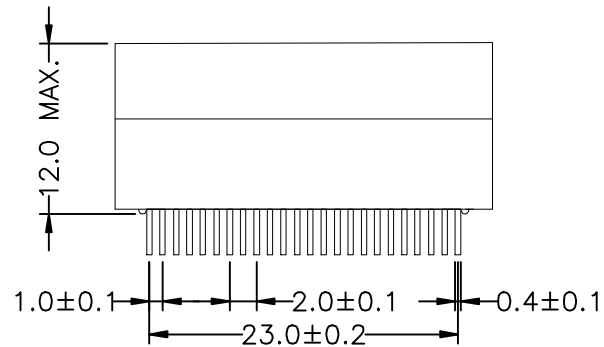
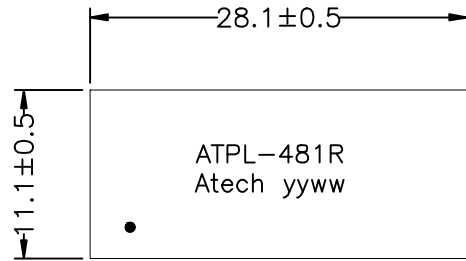
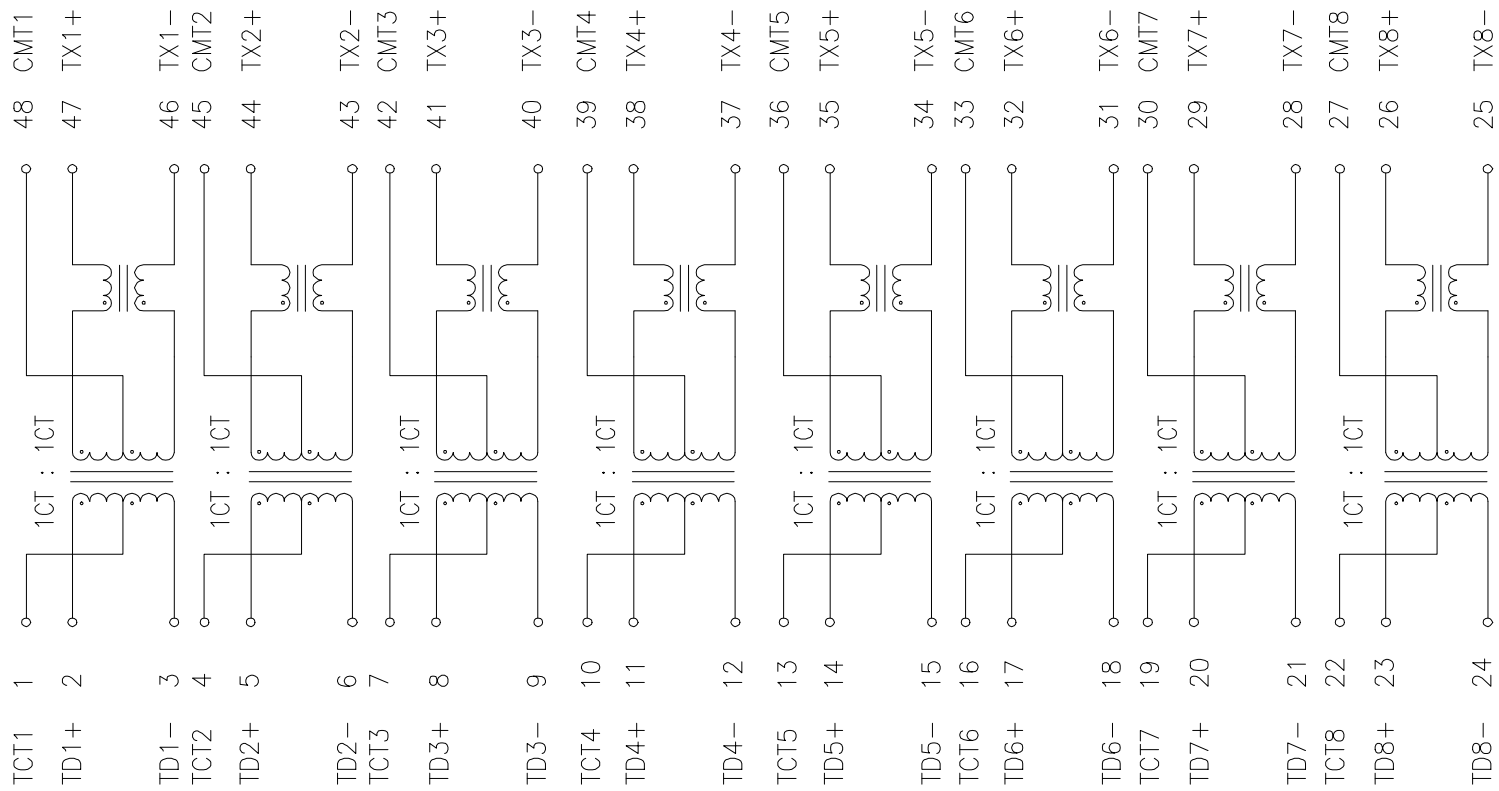




ELECTRICAL CHARATERISTICS@25°C

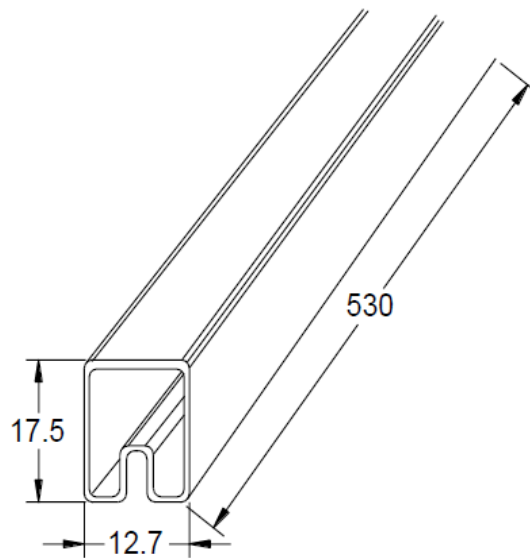
1. OCL : (@100kHz, 0.1V) : 350uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.1V) : 0.5uH MAX.
3. DCR : 1.0Ω MAX.
4. TURNS RATIO : 1CT : 1CT ±5%
5. INSERTION LOSS : (@1-150MHz) : -1.5dB MAX.
6. RETURN LOSS : PHY SIDE TO LINE SIDE (ON LOAD 100Ω)
 - (@1-30MHz) : -20dB MIN.
 - (@30-60MHz) : -16dB MIN.
 - (@60-80MHz) : -14dB MIN.
 - (@80-100MHz) : -10dB MIN.
 - (@100-125MHz) : -9dB MIN.
 - (@125-150MHz) : -8dB MIN.
7. CROSS TALK : (@1-150MHz) : -30dB MIN.
8. COMMON MODE REJECTION : (@1-150MHz) : -30dB MIN.
9. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
10. OPERATING TEMPERATURE : 0°C TO +70°C
11. STORAGE TEMPERATURE : -25°C TO +125°C
12. RoHS COMPLIANT

								TITLE 2.5G BASE-T TRANSFORMER	
								DWG. NO. ATPL-481R	
	RELEASE	06/08/2015	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 of 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						06/08/15			SHIRLEY

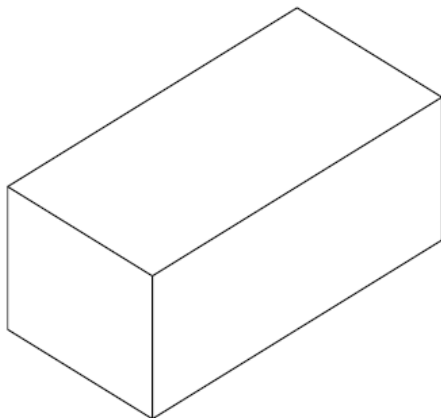


								TITLE 2.5G BASE-T TRANSFORMER	
								DWG. NO. ATPL-481R	
	RELEASE	06/08/2015	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 06/08/15		P/N:	
REVISIONS								SHEET 2 of 2	
								DRAW SHIRLEY	

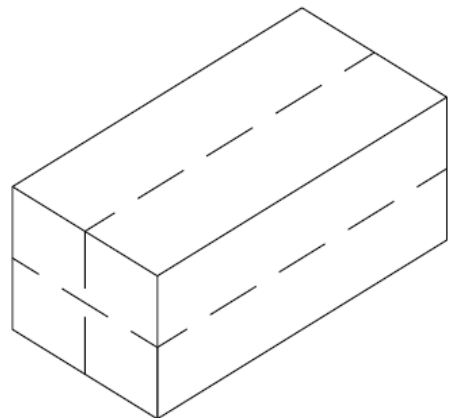
3. Package:



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

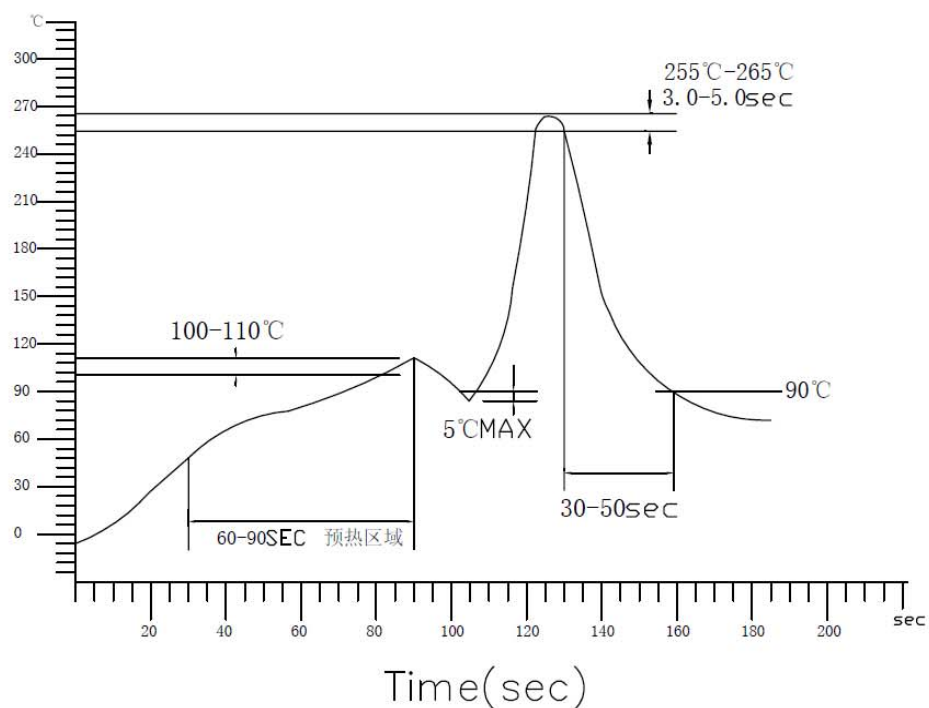
One Export Carton=900*4=3600Pcs

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
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Any other series applicable same conditions	NO
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Packing Configuration	TRAY
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