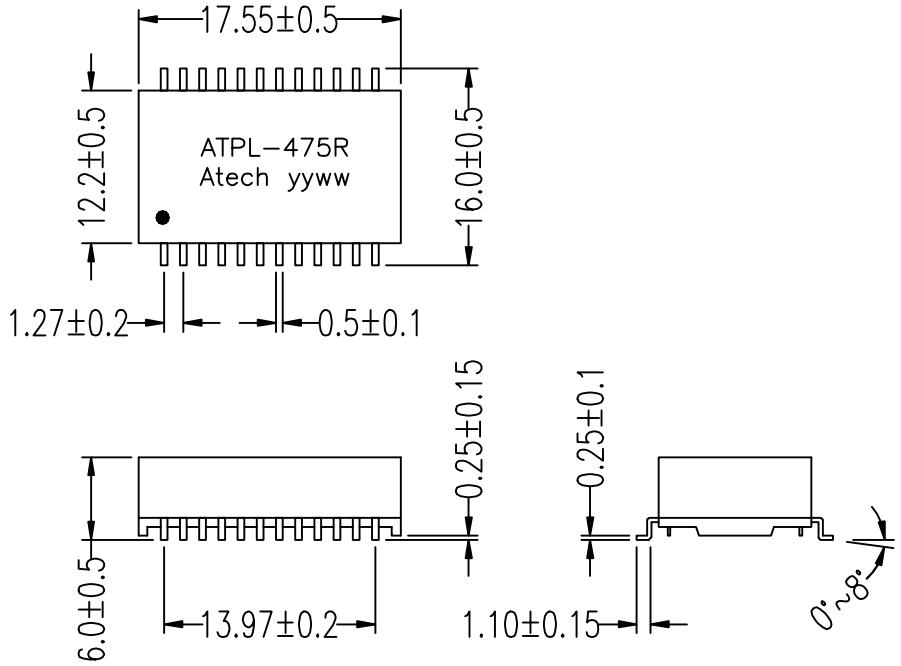
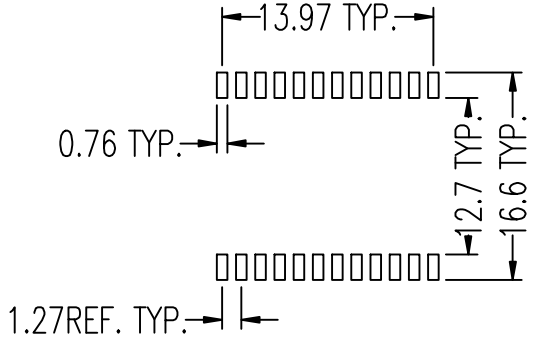
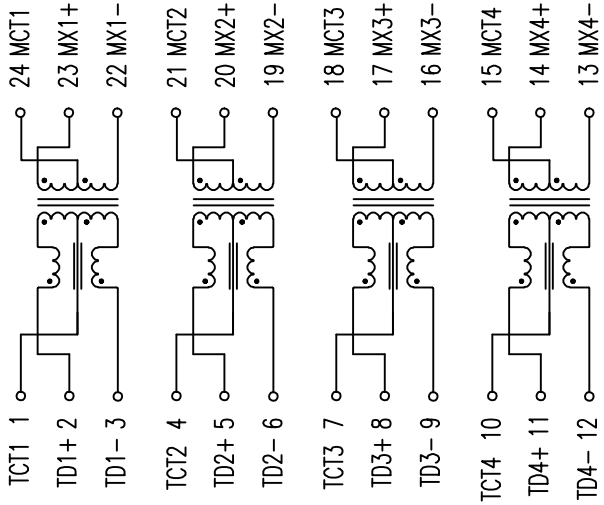




SUGGESTED PAD LAYOUT



* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS :

1. INSULATION HI-POT : 1500 Vrms/1mA ,60Sec.
2. TURN RATIO (±5%) : 1CT : 1CT
3. OCL : (@100kHz, 0.1Vrms) : 120uH MIN
4. CROSS TALK (dB MIN.) : 1-500MHz : -25
5. INSERTION LOSS : 1-200MHz : -1.2dB MAX.
   200-300MHz : -1.5dB MAX. 300-400MHz : -2.0dB MAX.
   400-500MHz : -3.0dB MAX.
6. RETURN LOSS : 1-100MHz : -18dB MIN. 100-200MHz : -16dB MIN.
   200-300MHz : -12dB MIN. 300-400MHz : -10dB MIN.
   400-500MHz : -8dB MIN.
7. DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN.) : 1-500MHz : -25
8. LK(100kHz, 0.1Vrms) : 0.5uH MAX.
9. DCR : 0.9Ω TYP.
10. Operating temperature : 0°C to +70°C
    Storage temperature : -40°C to +85°C

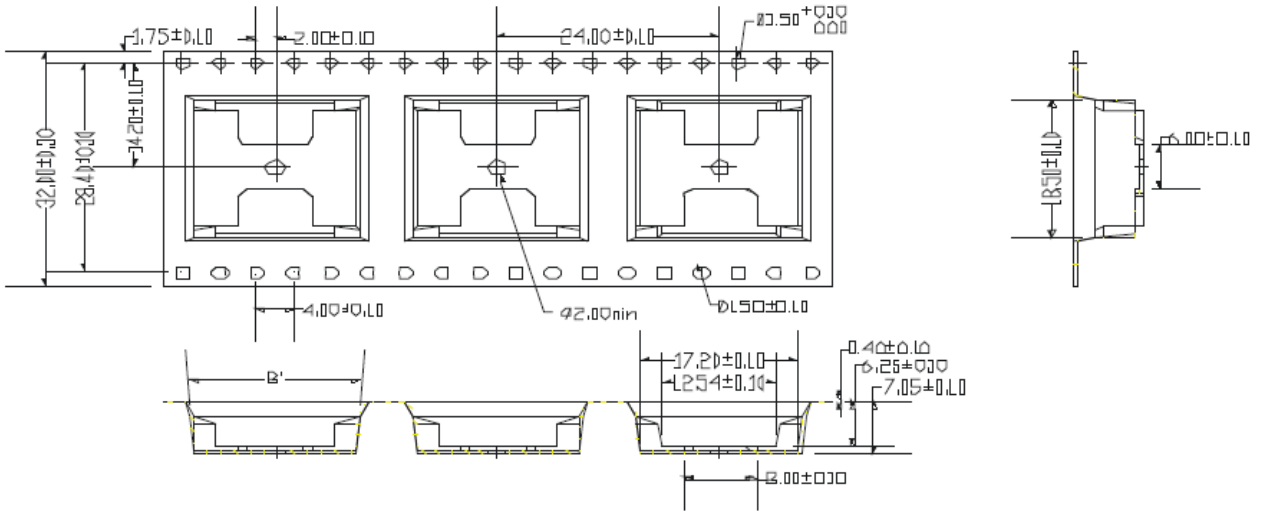
NO:	DESCRIPTION	DATE	BY	CHK	APPD
	RELEASE	12/04/2014	SHIRLEY	BETTY	BETTY

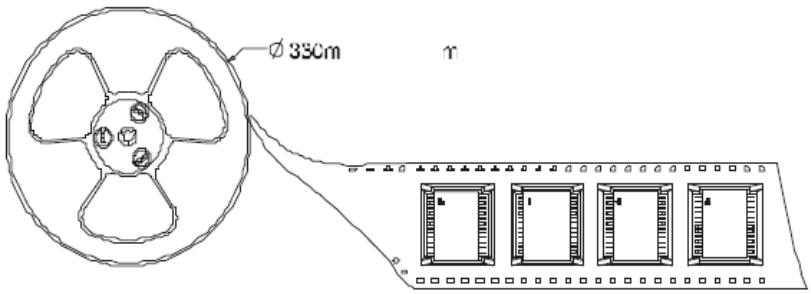
REVISIONS

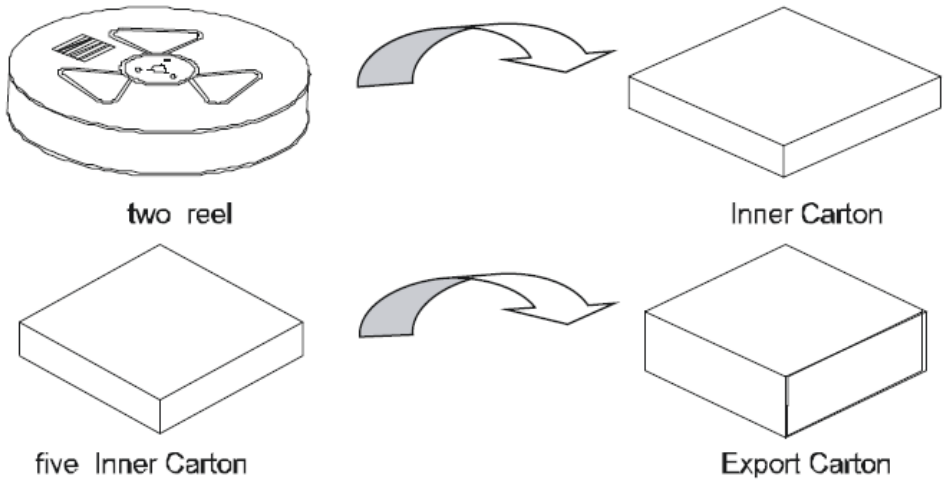
AOEM.

TITLE	10G BASE-T TRANSRORMER
DWG. NO.	ATPL-475R
UNITS:	M/M
SAFETY	
SHEET	1 OF 1
DATE	12/04/14
P/N:	
DRAW	SHIRLEY

3. Package :







Package Quantity:

One Reel=350Pcs

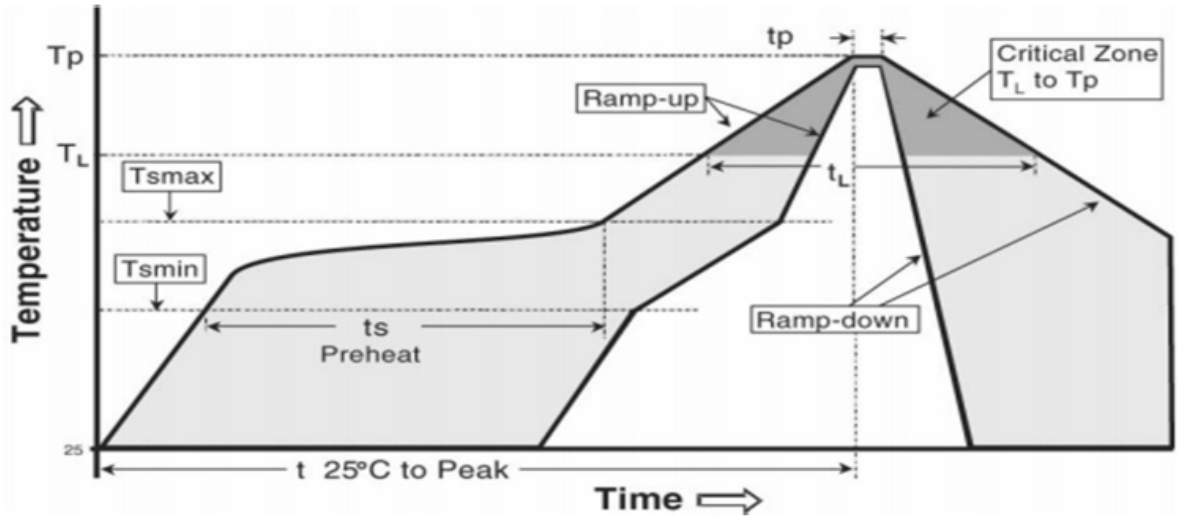
One Inner Carton=350*2=700Pcs

One Export Carton=700*5=3500Pcs

亞元科技股份有限公司
Atech OEM Inc.

Pb-free Soldering Heat Withstanding Survey

SUGGEST PROFILE



reflow profile

Form-1（Reference JEDEC J-STD-020D Table 5-2））

Profile Feature	Sn-Pb Eutectic Assembly	Pb-Free Assembly
Average ramp-up rate （Tsmax to Tp）	3°C/second max	3°C/second max
Preheat Temperature Min（Tsmin） Temperature Min（Tsmax） Time（Tsmin to Tsmax）（ts）	 100°C 150°C 60-120seconds	 150°C 200°C 60-180seconds
Time maintained above Temperature（TL） Time（tL）	 183°C 60-150seconds	 217°C 60-150seconds
Peak Temperature（Tp）	225℃	260℃
Time within 5°C of actual Peak Temperature（Tp）^{2}	20 seconds	30 seconds
Ramp-down Rate	6°/second max	6°/second max
Time 25°C to Peak Temperature	6minutes max	8minutes max

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