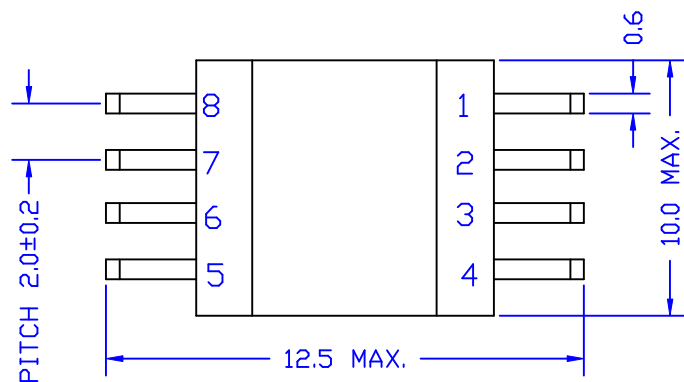
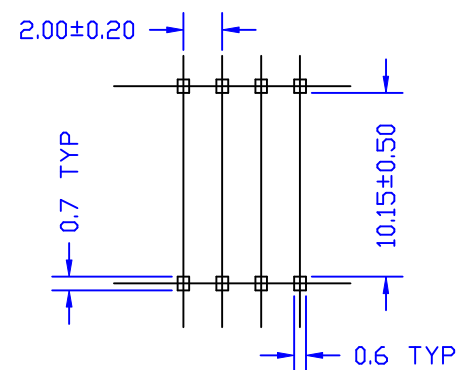
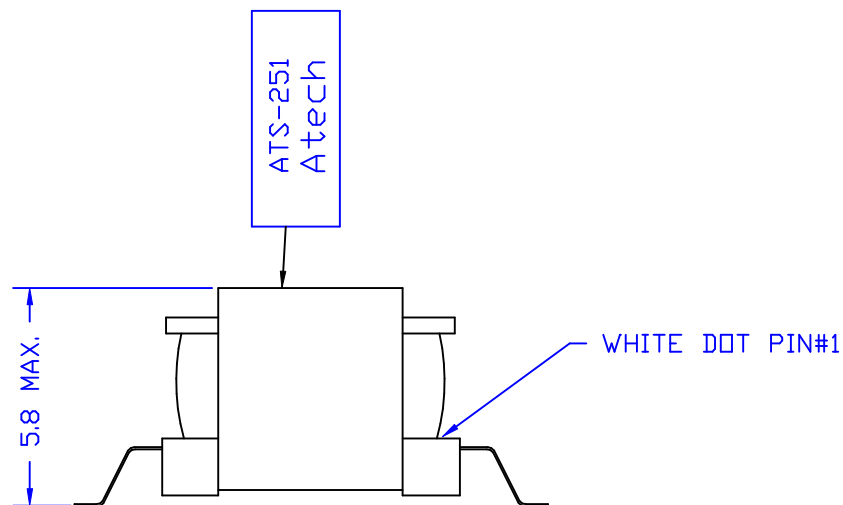
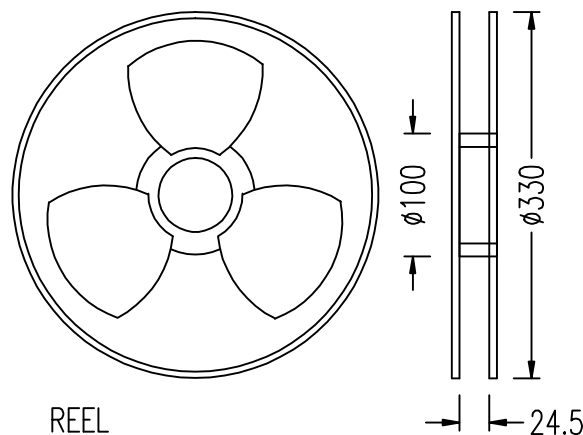
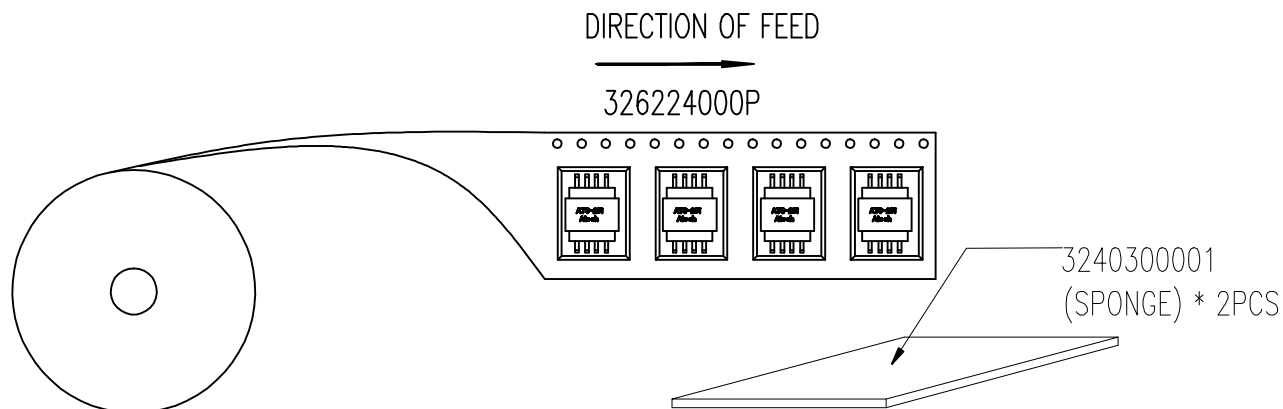


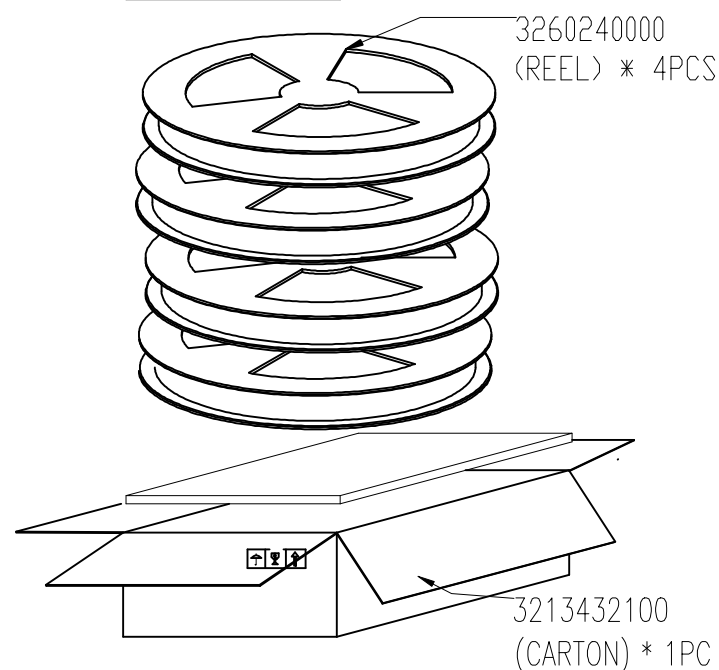
## ELECTRICAL CHARACTERISTICS:

1. D.C.R. : PIN 1-4 = 570  $\Omega$ HM MAX.  
PIN 5-8 = 100  $\Omega$ HM MAX.
2. INDUCTANCE (@ 1 KHZ, 1 Vrms) :  
PIN 5-8 = 700 mH MIN.
3. IMPEDANCE (@ 1 KHZ, 1 Vrms, PIN 5-8 W/H 1500  $\Omega$ HM LOAD) :  
PIN 1-4 = 10K  $\Omega$ HM +/- 10%
4. INSERTION LOSS (@ 1KHZ, 1Vrms, PIN 5-8 W/H 1500  $\Omega$ HM LOAD)  
= 1db MAX.
5. FREQ. RESP.(REF. 1KHZ)  
@ 300HZ = +/- 1 dB @ 4KHZ = +/- 0.5 dB
6. TURNS RATIO (@12KHZ,1Vrms) : PIN 1-4 : PIN 5-8 = 2.58 +/- 2%
7. HI-POT (@1000 VAC, 1 mA, 2 sec) PIN 1-5
8. RoHS COMPLIANCE

|           |             |            |      |     |       |                                                                                                               |  |                                  |  |
|-----------|-------------|------------|------|-----|-------|---------------------------------------------------------------------------------------------------------------|--|----------------------------------|--|
|           |             |            |      |     |       | <div><b>Atech®</b></div> <div>Atech Technology Co., Ltd.</div> <div>TEL:(02)2794-6667 FAX:(02)2794-8004</div> |  | TITLE 10K : 1. 5K<br>TRANSFORMER |  |
|           |             |            |      |     |       |                                                                                                               |  | DWG. NO.<br>ATS-251R             |  |
|           |             |            |      |     |       |                                                                                                               |  |                                  |  |
|           | RELEASE     | 03/14/2006 | PAIR |     | SUEDY | UNITS:<br>M/M                                                                                                 |  | SAFETY                           |  |
| NO.       | DESCRIPTION | DATE       | BY   | CHK | APPD  | DATE                                                                                                          |  |                                  |  |
| REVISIONS |             |            |      |     |       | 03/14/06                                                                                                      |  | SHEET 1 OF 1                     |  |
|           |             |            |      |     |       |                                                                                                               |  | DRAW<br><i>Pair</i>              |  |



ONE REEL 500 PCS  
ONE CARTON 4 REEL (2000 PCS)  
每捲放乾燥包 1pc 用真空袋抽真空封口

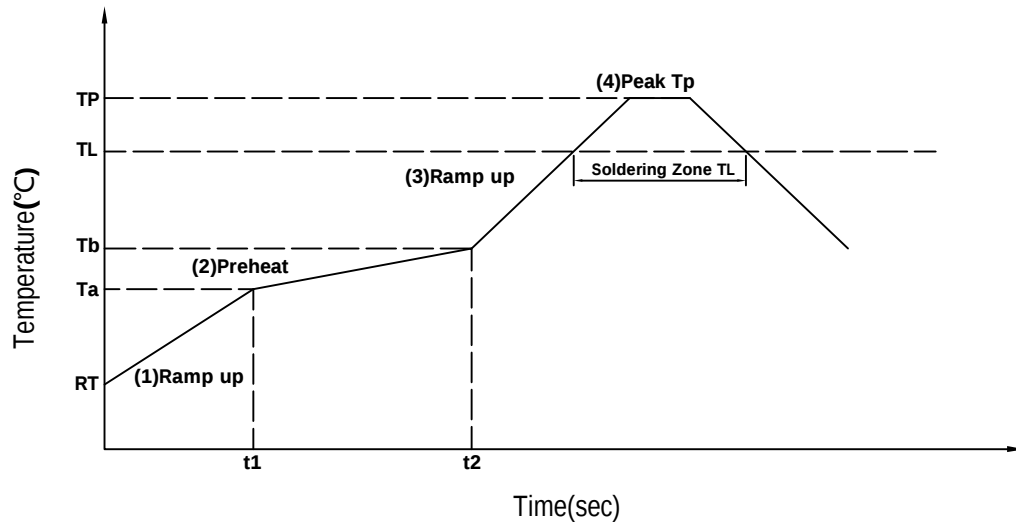


|    |       |                |
|----|-------|----------------|
| W  | 24.00 | +0.30<br>-0.10 |
| Ao | 10.3  | +0.10<br>-0.10 |
| Bo | 12.4  | +0.10<br>-0.10 |
| Ko | 6.4   | +0.10<br>-0.10 |
| P  | 16.00 | +0.10<br>-0.10 |
| F  | 11.50 | +0.10<br>-0.10 |
| E  | 1.75  | +0.10<br>-0.10 |
| D  | 1.50  | +0.15<br>-0.00 |
| D1 | 1.50  | +0.2<br>-0.00  |
| Po | 4.00  | +0.10<br>-0.10 |
| P2 | 2.00  | +0.10<br>-0.10 |

|           |                |                |       |         |        |                                         |  |                        |  |
|-----------|----------------|----------------|-------|---------|--------|-----------------------------------------|--|------------------------|--|
|           |                |                |       |         |        | Atech<br>Link & Power up Your Life II   |  | TITLE<br>PACKING       |  |
| B         | CHANGE CARRIER | 12/09<br>/2009 | LIGHT | VINCENT | KING   | TEL: (02) 6629-6667 FAX: (02) 6629-8662 |  | DWG. NO.<br>968TS25100 |  |
| A         | MANY           | 10/22<br>/2007 | PAIR  | AL      | EUGENE | UNITS: M/M                              |  | SAFETY                 |  |
|           | RELEASE        | 05/22<br>/2006 | PAIR  | AL      | EUGENE | DATE                                    |  | SHEET 1 OF 1           |  |
| NO:       | DESCRIPTION    | DATE           | BY    | CHK     | APPD   | DATE                                    |  | DRAW                   |  |
| REVISIONS |                |                |       |         |        | 05/22/06                                |  | PAIR                   |  |



## Pb-free Soldering IR Reflow(SMD)



- 1,MSL Grade: 1 Level      2,Floor life: 2years      3,Condition:≤30°C RH 85%  
2,Form-1(Reference JEDEC J-STD-020D Table 5-2)

| IR reflow profile        |                                            | Pb-free             |
|--------------------------|--------------------------------------------|---------------------|
| step#                    | Profile Feature                            | Condition/Duration  |
| step1                    | Ramp-up rate                               | 3°C/second max      |
| step2                    | Preheat:150°C-200°C(Ta-Tb)                 | t1-t2:60-120seconds |
| step3                    | Ramp-up rate(TL to Tp)                     | 3°C/second max      |
|                          | Temperature maintained above 217°C         | 60-150seconds       |
| step4                    | Peak temperature(Tp)                       | 260+0/-5°C          |
|                          | Time within 5°C of actual peak temperature | 30seconds max       |
| Ramp-down rate(Tp to TL) |                                            | 6°C/second max      |

- 3,Form-2(Reference JEDEC J-STD-020D Table 4-2)

| Package Thickness | Volume mm <sup>3</sup><br><350 | Volume mm <sup>3</sup><br>350-2000 | Volume mm <sup>3</sup><br>>2000 |
|-------------------|--------------------------------|------------------------------------|---------------------------------|
| <1.6mm            | 260+0/-5°C                     | 260+0/-5°C                         | 260+0/-5°C                      |
| 1.6mm-2.5mm       | 260+0/-5°C                     | 250+0/-5°C                         | 245+0/-5°C                      |
| >2.5mm            | 250+0/-5°C                     | 245+0/-5°C                         | 245+0/-5°C                      |