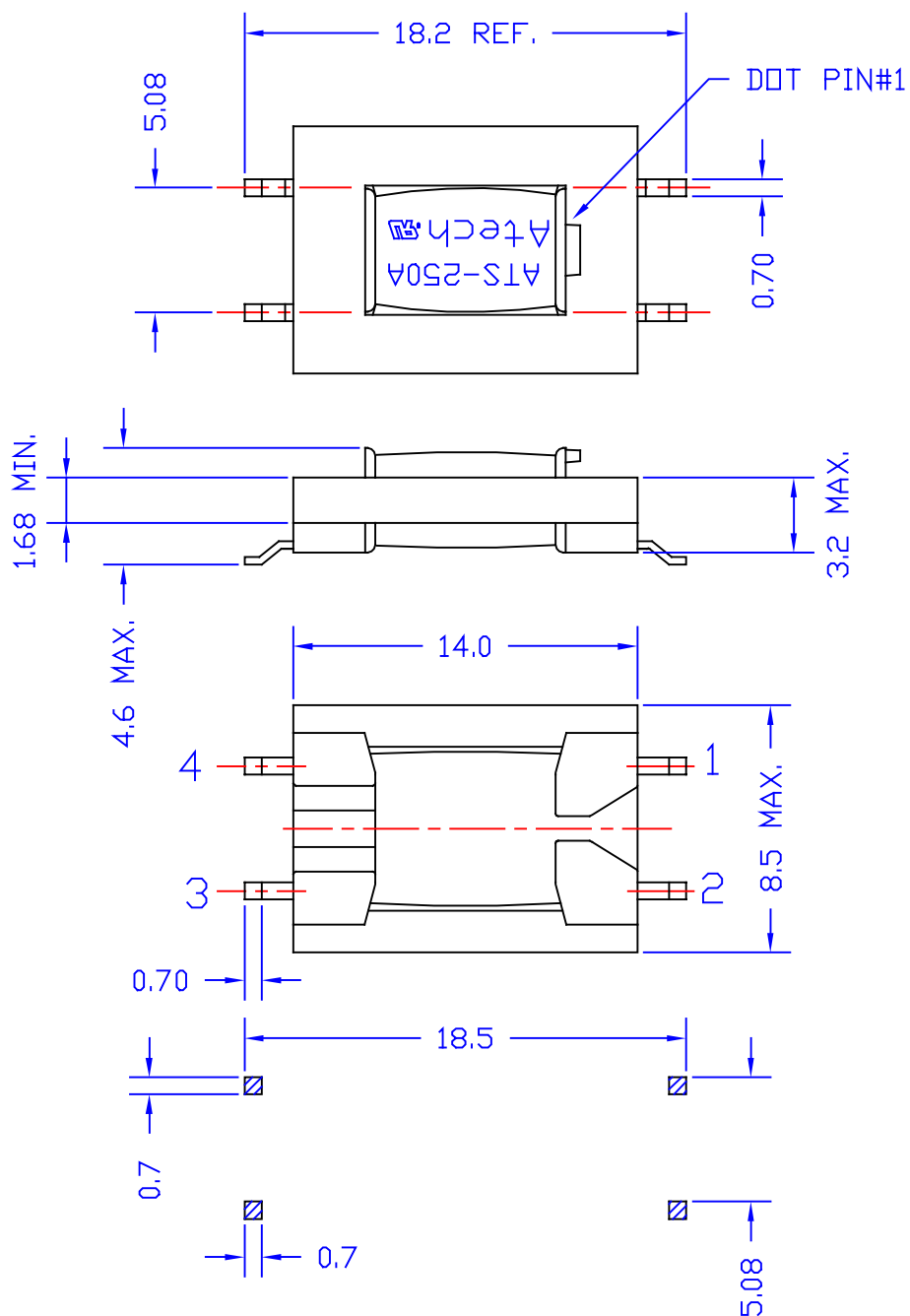
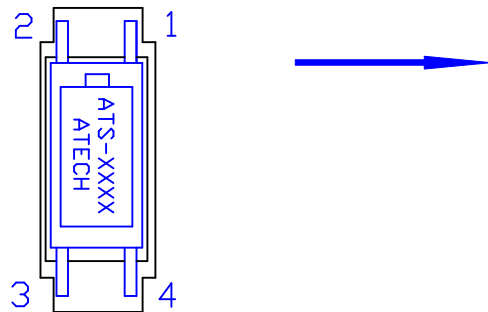


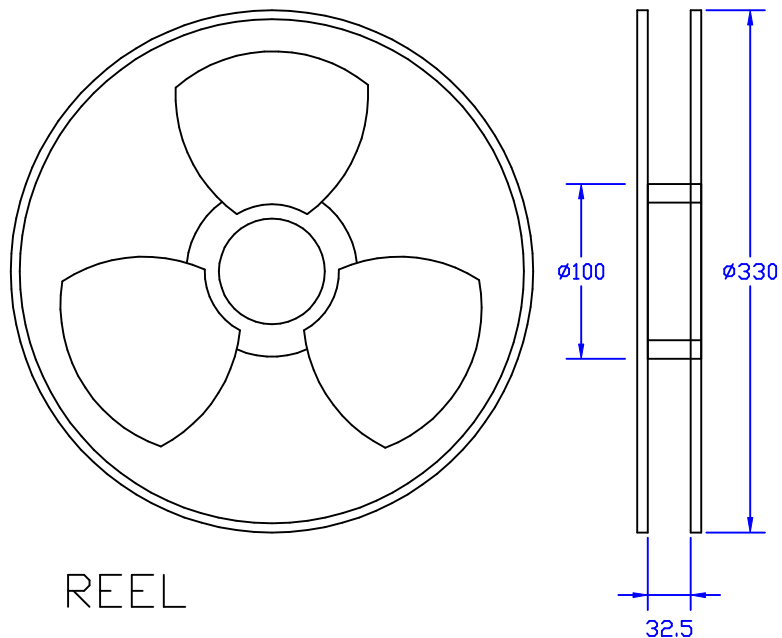
#### ELECTRICAL CHARACTERISTICS: (671-8447, 2786A3 COMPATIBLE)

1. D.C.R. : PIN 1-2 = 141 OHM  $\pm$ 10% PIN 3-4 = 171 OHM  $\pm$ 10%
2. INDUCTANCE (@1KHZ, 0.1Vrms) : PIN 1-2 = 1.6Hy MIN.
3. INSERTION LOSS (@ 1KHZ, 0dBm, PIN 3-4 W/H 290 OHM)  
PIN 1-2 = 3.3 dB  $\pm$ 0.2dB
4. FREQ. RESP.(REF. 1KHZ) : @200HZ-5KHZ =  $\pm$ 0.1dB
5. RETURN LOSS (REF. 600 OHM) : @ 300HZ - 3500HZ = 30dB MIN.
6. TURNS RATIO : PIN 1-2 : PIN 4-3 = 1  $\pm$ 1%
7. LONGITUDINAL BAL. = 60dB MIN.(@200-4KHZ)
8. T.H.D.(@600HZ, -10dBm) = -85dB MAX.
9. HI-POT (@1250VAC, 1mA, 2SEC.) PRI.-SEC.

|           |                        |          |      |     |       |                                                                                           |                             |
|-----------|------------------------|----------|------|-----|-------|-------------------------------------------------------------------------------------------|-----------------------------|
| D         | ADD 1.68MIN./ 3.2 MAX. | 07/20/99 | PAIR |     | SUEDY | <b>Atech®</b><br><b>Atech Technology Co., Ltd.</b><br>TEL:(02)2794-8887 FAX:(02)2794-8004 | TITLE 600 : 290 TRANSFORMER |
| C         | DEL CARRIER TAPE       | 07/08/98 | PAIR |     | SUEDY |                                                                                           | DWG. NO.                    |
| B         | ADD UL                 | 06/30/98 | PAIR |     | SUEDY |                                                                                           | ATS-250A                    |
|           | RELEASE                | 09/05/97 | PAIR |     | SUEDY | UNITS: M/M                                                                                | SAFETY                      |
| NO        | DESCRIPTION            | DATE     | BY   | CHK | APPD  | DATE                                                                                      | SHEET 1 OF 1                |
| REVISIONS |                        |          |      |     |       | 09/05/97                                                                                  | DRAW Pair                   |

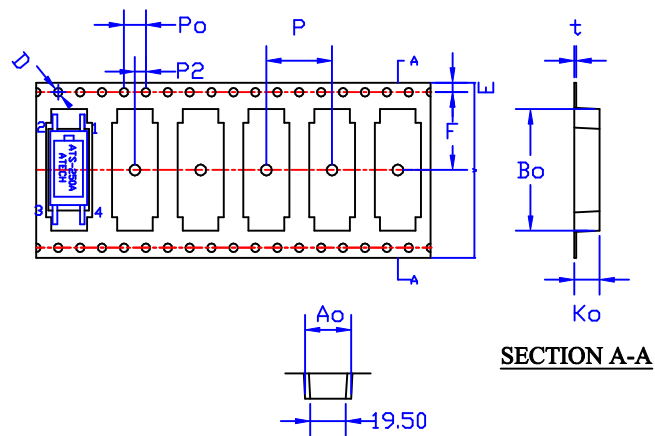


ATS-250A PIN#1 方向  
ATS-250D  
ATS-324A



REEL

DIRECTION OF FEED



SECTION A-A

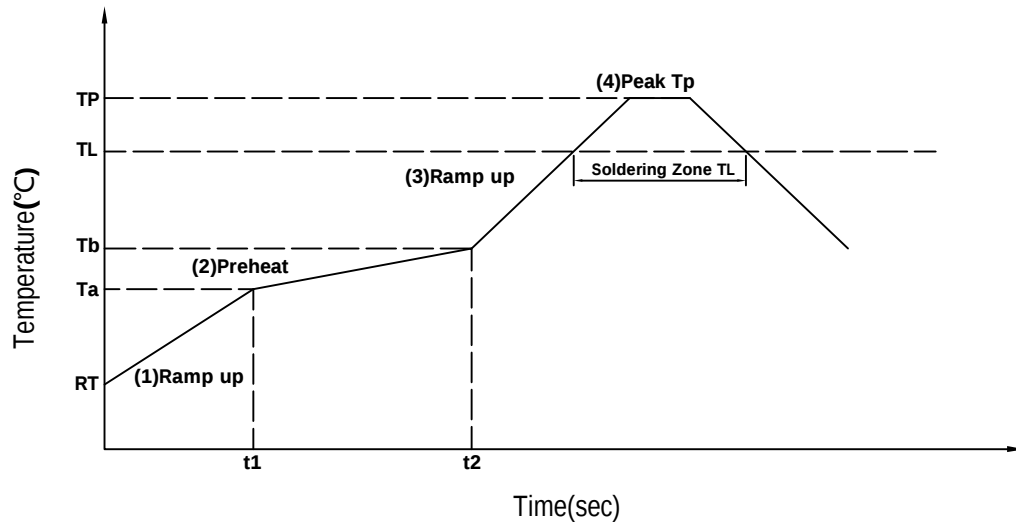
| ITEM | SPEC                 |
|------|----------------------|
| W    | 32.00 +0.30<br>-0.30 |
| Ao   | 8.40 +0.10<br>-0.10  |
| Bo   | 22.2 +0.10<br>-0.10  |
| Ko   | 4.60 +0.10<br>-0.10  |
| P    | 12.0 +0.10<br>-0.10  |
| F    | 14.2 +0.10<br>-0.10  |
| E    | 1.75 +0.10<br>-0.10  |
| D    | 1.55 +0.10<br>-0.00  |
| D1   | 2.0 +0.25<br>-0.00   |
| Po   | 4.00 +0.10<br>-0.10  |
| P2   | 2.00 +0.10<br>-0.10  |
| t    | 0.35 +0.05<br>-0.05  |

NOTES:  
TRANSFORMERS ARE SUPPLIED IN MULTIPLE  
REEL QUANTITIES OF 1000 PIECES ONLY.

|           |                |            |      |       |                                                                                                          |          |                          |
|-----------|----------------|------------|------|-------|----------------------------------------------------------------------------------------------------------|----------|--------------------------|
| C         | CHANGE CARRIER | 07/20/2004 | PAIR | SUEDY | <b>Atech®</b><br><b>Atech Technology Co., Ltd.</b><br><small>TEL:(02)2794-8667 FAX:(02)2794-8004</small> | TITLE    | ATS-250A<br>RELL PACKING |
| B         | CHANGE REEL    | 01/07/99   | PAIR | SUEDY |                                                                                                          | DWG. NO. | ATS-250A<br>PACKING : R  |
| A         | PACKING : R    | 09/02/98   | PAIR | SUEDY |                                                                                                          |          |                          |
|           | RELEASE        | 05/21/98   | PAIR | SUEDY | UNITS:                                                                                                   | SAFETY   | SHEET 1 OF 1             |
| NO.       | DESCRIPTION    | DATE       | BY   | CHK   | APPD                                                                                                     |          |                          |
| REVISIONS |                |            |      |       | DATE                                                                                                     | 05/21/98 | DRAW<br>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                      |