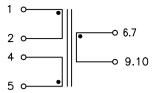


SUGGESTED P.C.B LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25mm



ELECTRICAL CHARACTERISTICS:

1. DCR : PIN $1-2 = 42m\Omega$ MAX. PIN $6.7-9.10 = 12.6m\Omega$ MAX. PIN $5-4 = 99m\Omega$ MAX.

2. INDUCTANCE : (@100KHz, 0.1Vrms) PIN 1-2 = 17.3uH ± 10 %

& 3. LEAKAGE INDUCTANCE:

(@100KHz, 0.1Vrms) (PIN4.5.6.7.9.10 SHORT) PIN 1-2 = 0.4uH MAX.

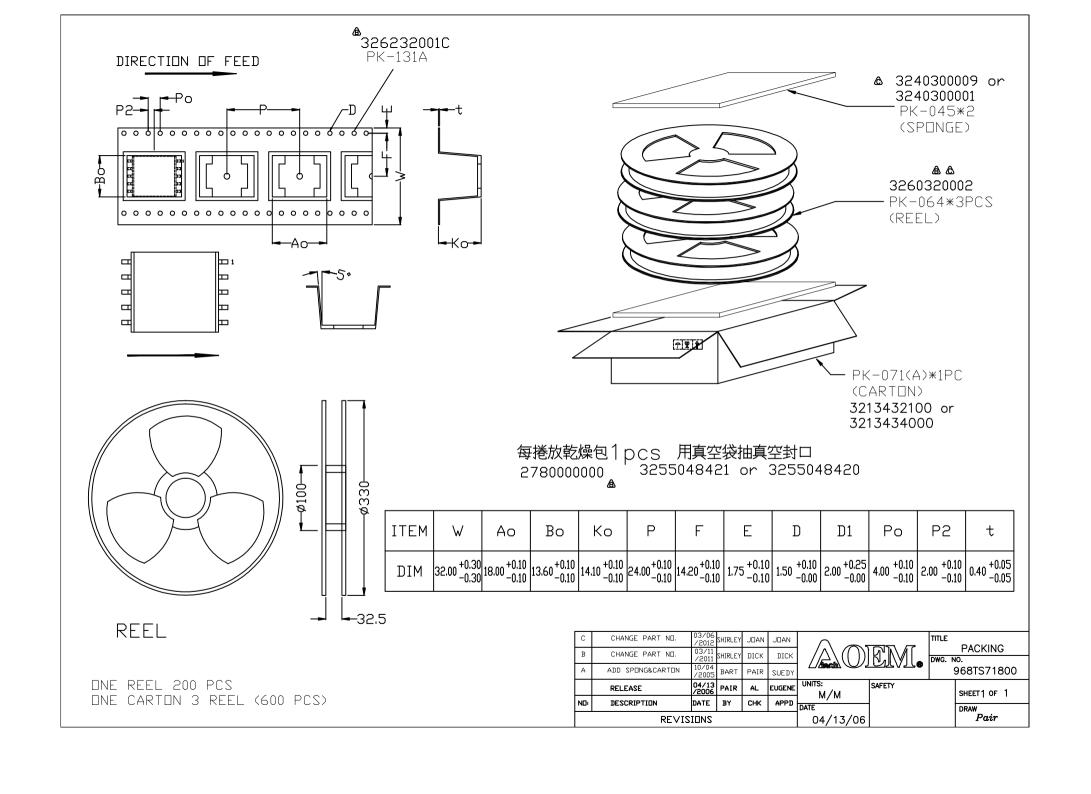
4. TURN RATIO: (@10KHz, 0.1Vrms)

PIN 1-2 : $6.7-9.10 = 2 \pm 2\%$ PIN 1-2 : $5-4 = 1.71 \pm 2\%$

5. HI-POT: (@1500VAC, 5mA, 6SEC.) PIN 1.2.4.5-6.7.9.10

6. RoHS COMPLIANT

| | | | | | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | TI C | TLE | FLYBACK TRANSFORMER |
|-----|--|----------------|----------|-------|-------|---------------------------------------|------------|-------|------------------------|
| | | | | | | | K/IM/I = 1 | WG. N | 0. |
| Α | CHANGE LOGO PRINT & ELECTRICAL CHARACTERISTICS | 06/19 /2013 | SHIRLEY | DICK | DICK | | | | ATS-1238R |
| | RELEASE | 05/15 /2013 | SHIRLEY | BETTY | BETTY | UNITS: M/M | SAFETY | | SHEET 1 OF 1 |
| NO: | DESCRIPTION | DATE | BY | СНК | APPD | DATE | P/N: | | DRAW |
| | REVI | | 05/15/13 | | | SHIRLEY | | | |





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 | |
| sieps | Temperature maintained above 217°C | 60-150seconds | |
| ston/ | Peak temperature(Tp) | 260+0/-5℃ | |
| step4 | 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 | Volume mm ³ | Volume mm ³ | Volume mm ³ | |
|-------------|------------------------|------------------------|------------------------|--|
| Thickness | <350 | 350-2000 | >2000 | |
| <1.6mm | 260+0/-5°C | 260+0/-5°C | 260+0/-5℃ | |
| 1.6mm-2.5mm | 260+0/-5°C | 250+0/-5°C | 245+0/-5℃ | |
| >2.5mm | 250+0/-5° C | 245+0/-5°C | 245+0/-5℃ | |