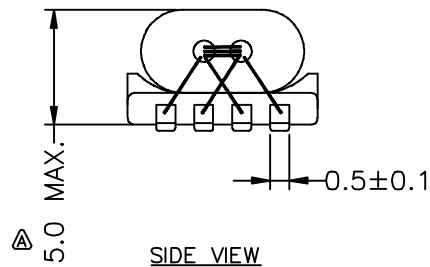
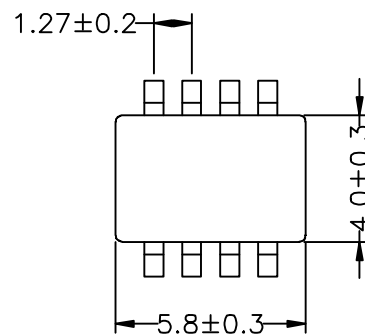
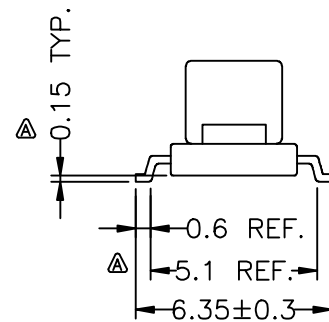


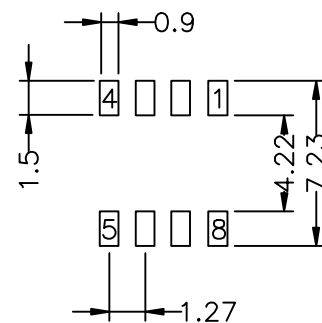
TOP VIEW



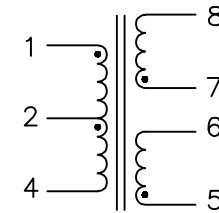
SIDE VIEW



BOTTOM VIEW



SUGGESTED PCB LAYOUT

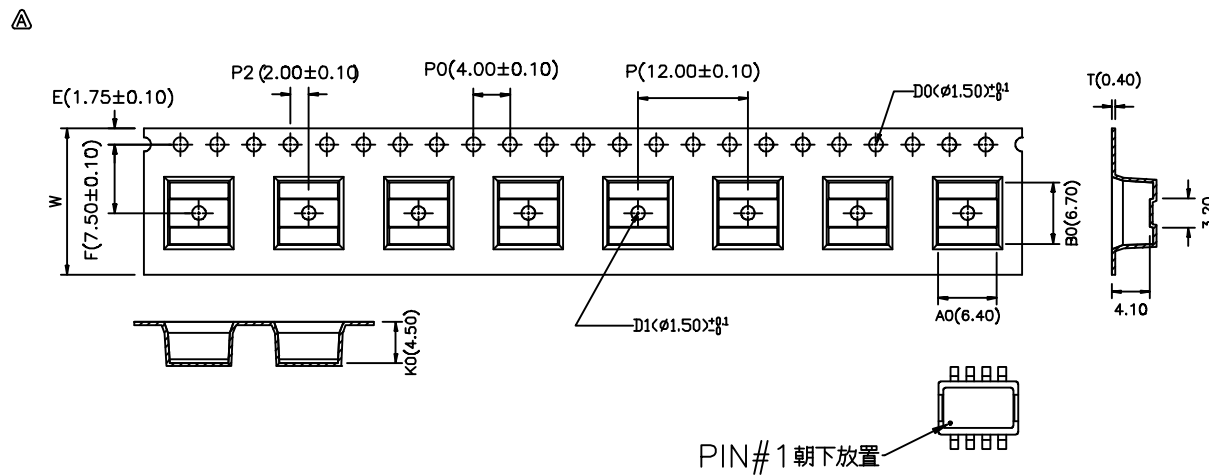


### ELECTRICAL CHARACTERISTICS :

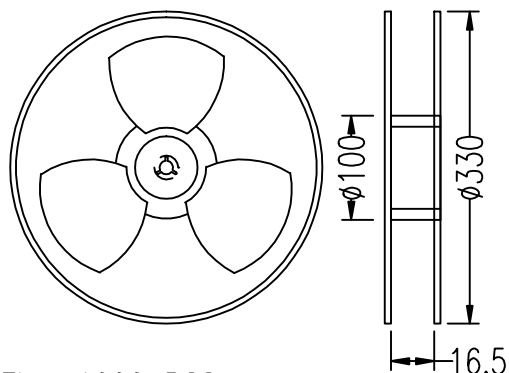
- DCR : PIN 1-4 = 135mΩ MAX.  
PIN 5-6 = 135mΩ MAX.  
PIN 7-8 = 85mΩ MAX.
- INDUCTANCE (@10KHz, 100mVrms) PIN 1-4 = 13.0uH MIN.
- TURN RATIO (@100KHz, 0.1Vrms)  
PIN 1-4 : 5-6 = 1.0 ±2%  
PIN 1-4 : 7-8 = 2.0 ±2%
- HI-POT : (@1500VAC, 1mA, 1SEC) PIN1 - PIN8 (PIN 6-7 SHORT)
- RoHS COMPLIANT

|           |             |            |         |       |       |                                                                                       |  |                      |  |
|-----------|-------------|------------|---------|-------|-------|---------------------------------------------------------------------------------------|--|----------------------|--|
|           |             |            |         |       |       |  |  | TITLE<br>TRANSFORMER |  |
|           |             |            |         |       |       |                                                                                       |  | DWG. NO.<br>PL-075R  |  |
| A         | CHANGE DIM. | 05/21/2024 | SHIRLEY | RURU  | RURU  | UNITS:<br>M/M                                                                         |  | SAFETY               |  |
|           | RELEASE     | 12/28/2020 | SHIRLEY | RONAN | RONAN | DATE<br>12/28/20                                                                      |  | SHEET 1 of 1         |  |
| NO:       | DESCRIPTION | DATE       | BY      | CHK   | APPD  | P/N:                                                                                  |  | DRAW                 |  |
| REVISIONS |             |            |         |       |       |                                                                                       |  | SHIRLEY              |  |

# **DIRECTION OF FEED**



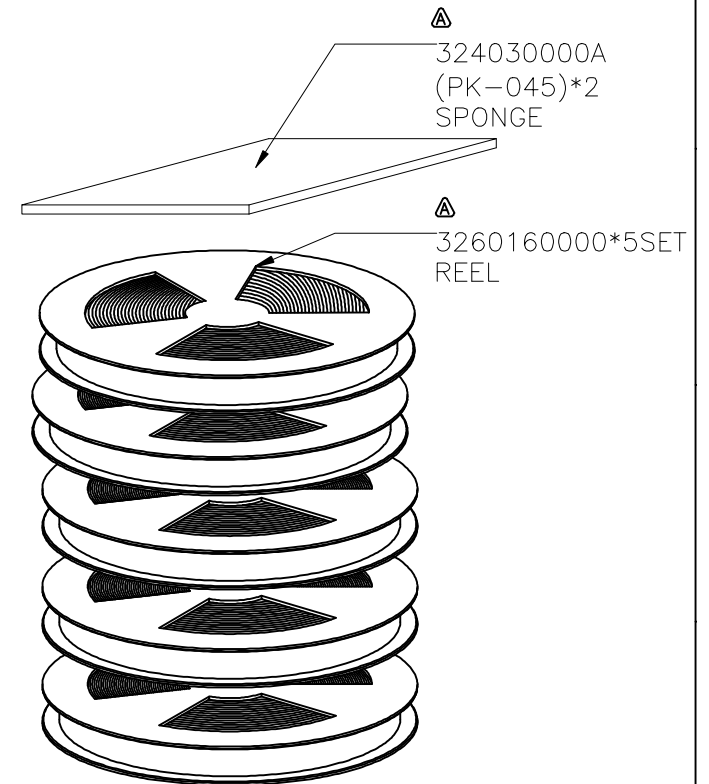
| ITEM | W                                                           | A0                                                         | B0                                                         | K0                                                         | P                                                           | F                                                          | E                                                           | D0                                                         | D1                                                         | P0                                                         | P2                                                         | T                                                           |
|------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|
| DIM. | 16.0 $\begin{smallmatrix} +0.30 \\ -0.10 \end{smallmatrix}$ | 6.4 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 6.7 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 4.5 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 12.0 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 7.5 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 1.75 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 1.5 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 1.5 $\begin{smallmatrix} +0.10 \\ -0.00 \end{smallmatrix}$ | 4.0 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 2.0 $\begin{smallmatrix} +0.10 \\ -0.10 \end{smallmatrix}$ | 0.40 $\begin{smallmatrix} +0.05 \\ -0.05 \end{smallmatrix}$ |



1 REEL : 1000 PCS  
 1 CARTON : 5 REEL (5000PCS)

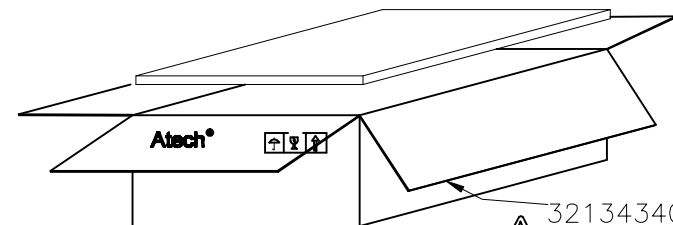
每捲放乾燥包1pcs 用真空袋抽真空封口  
 2780000001 3255048424

每13"卷軸可裝1000PCS零件,前後各空28PCS空格

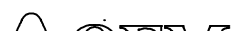


324030000A  
 (PK-045)\*2  
 SPONGE

3260160000\*5SET  
 REEL

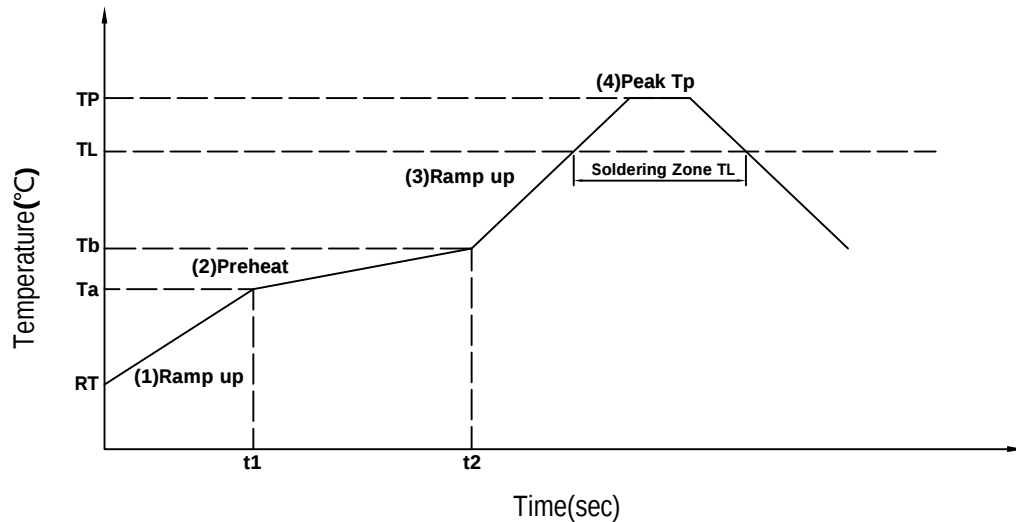


321343400A  
 (PK-071)\*1PC  
 CARTON

|           |                |            |         |      |      |                                                                                       |  |          |  |              |  |
|-----------|----------------|------------|---------|------|------|---------------------------------------------------------------------------------------|--|----------|--|--------------|--|
|           |                |            |         |      |      |  |  | TITLE    |  | PACKING      |  |
|           |                |            |         |      |      |                                                                                       |  | DWG. NO. |  | 968S106700   |  |
| A         | CHANGE PACKING | 07/25/2023 | SHIRLEY | TINA | TINA | UNITS:                                                                                |  | SAFETY   |  | SHEET 1 of 1 |  |
|           | RELEASE        | 10/12/2011 | SHIRLEY | JOAN | JOAN | M/M                                                                                   |  |          |  |              |  |
| NO:       | DESCRIPTION    | DATE       | BY      | CHK  | APPD | DATE                                                                                  |  | P/N:     |  | DRAW         |  |
| REVISIONS |                |            |         |      |      | 10/12/11                                                                              |  |          |  | 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      |
|                          | 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                      |