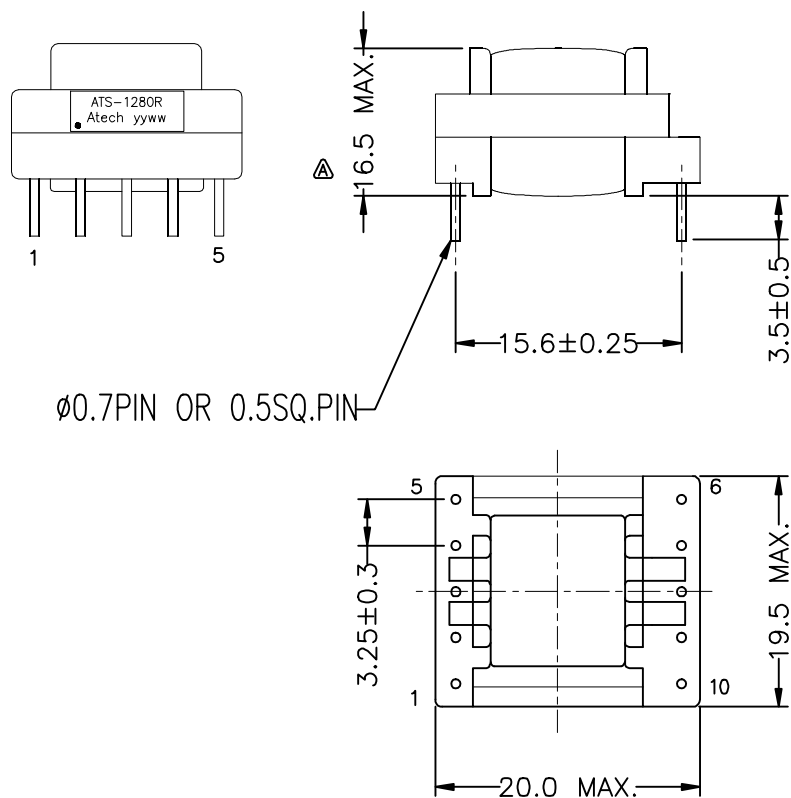
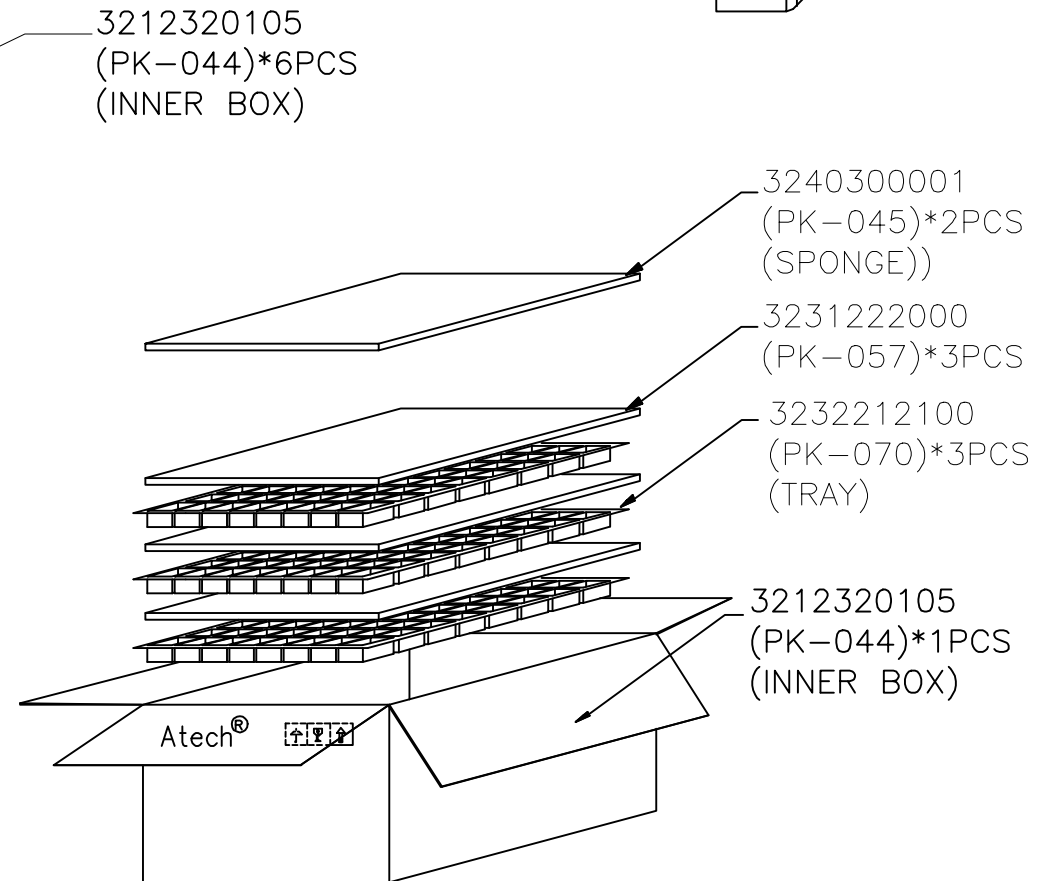
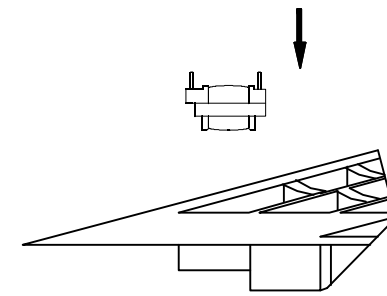
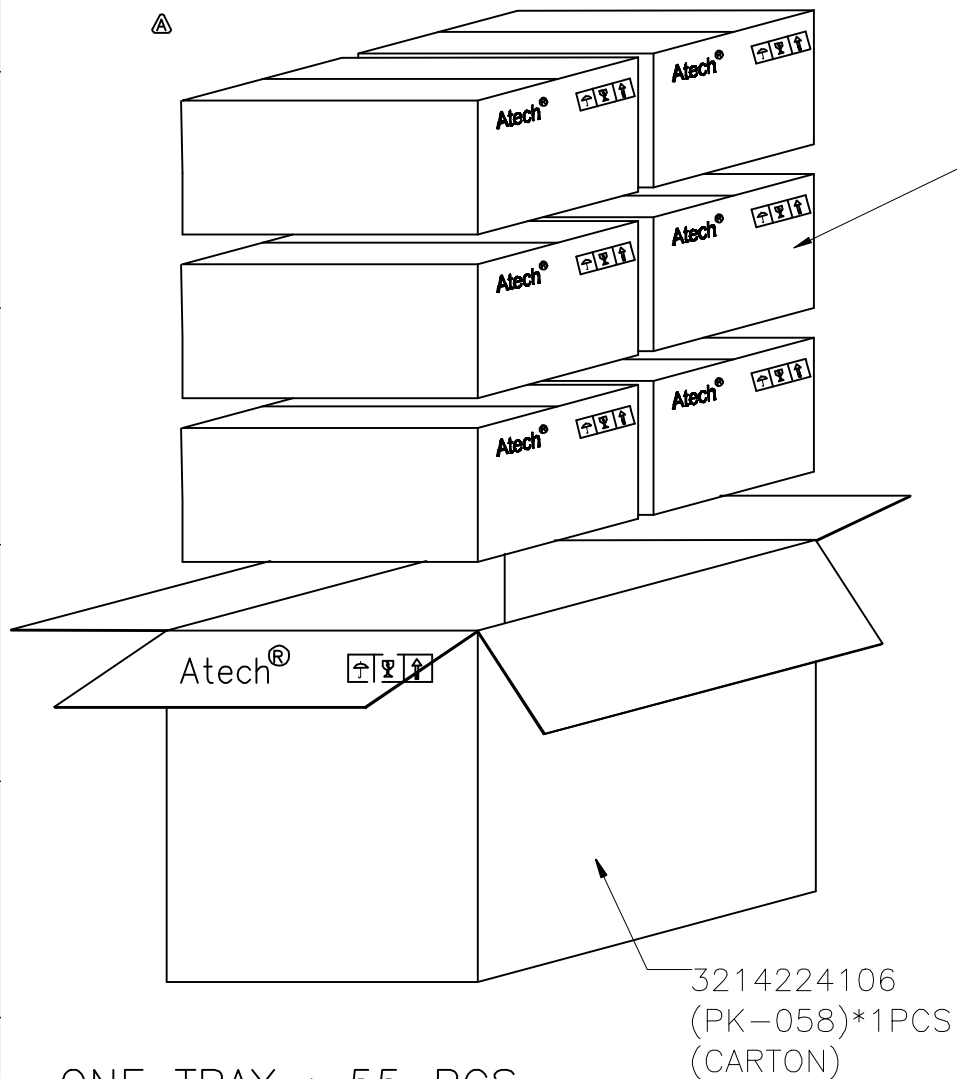


#### ELECTRICAL CHARACTERISTICS:

- DCR : PIN 3-1 = 4.0Ω MAX.  
PIN 4-5 = 250mΩ MAX.  
PIN 6-8 = 20mΩ MAX.  
PIN 8-10 = 250mΩ MAX.
- INDUCTANCE (@10KHz, 1.0Vrms) : PIN 3-1 = 2372uH ±10%
- LEAKAGE INDUCTANCE (@100KHz, 0.1Vrms) :  
PIN 3-1 (PIN 4-5, PIN 10-8-6 SHORT) = 95uH MAX.
- TURN RATIO (@100KHz, 0.1Vrms) :  
PIN 3-1 : 4-5 = 10 ±2%  
PIN 2-1 : 8-6 = 32.5 ±2%  
PIN 2-1 : 10-8 = 16.25 ±2%
- HI-POT (@3000VAC, 5mA, 2SEC.) PIN 1.4 - PIN 10
- RoHS COMPLIANT

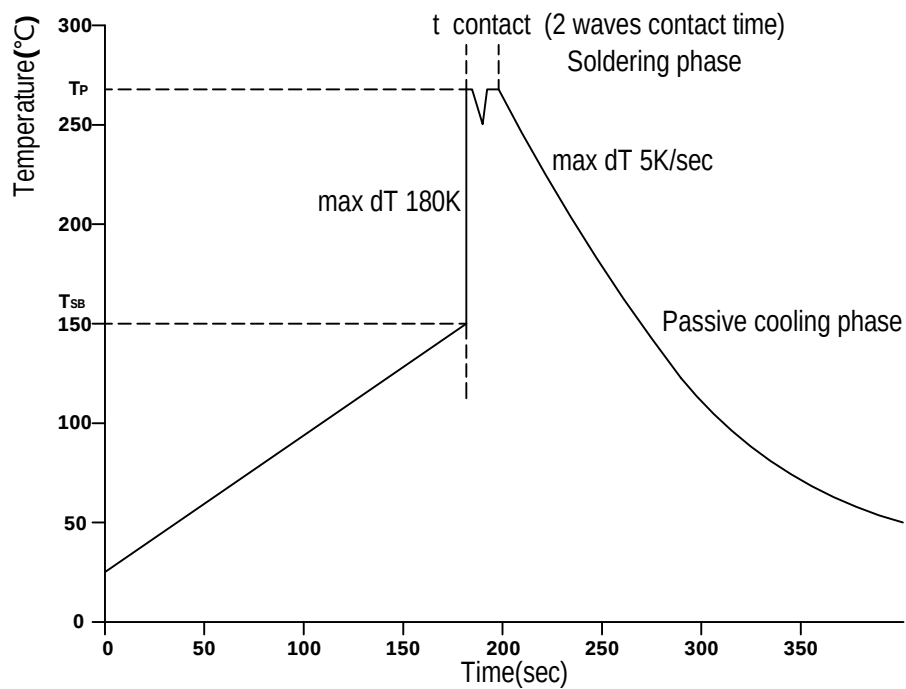
|           |             |            |         |       |       |                                                                                       |        |                       |  |
|-----------|-------------|------------|---------|-------|-------|---------------------------------------------------------------------------------------|--------|-----------------------|--|
|           |             |            |         |       |       |  |        | TITLE<br>TRANSFORMER  |  |
|           |             |            |         |       |       |                                                                                       |        | DWG. NO.<br>ATS-1280R |  |
| A         | CHANGE DIM. | 12/20/2013 | SHIRLEY | RONAN | RONAN | UNITS:                                                                                | SAFETY | SHEET 1 of 1          |  |
|           | RELEASE     | 10/08/2013 | SHIRLEY | BETTY | BETTY | M/M                                                                                   |        |                       |  |
| NO:       | DESCRIPTION | DATE       | BY      | CHK   | APPD  | DATE                                                                                  | P/N:   | DRAW                  |  |
| REVISIONS |             |            |         |       |       | 10/08/13                                                                              |        | SHIRLEY               |  |



|           |                     |            |         |      |      |                                                                                       |  |                        |  |
|-----------|---------------------|------------|---------|------|------|---------------------------------------------------------------------------------------|--|------------------------|--|
|           |                     |            |         |      |      |  |  | TITLE<br>PACKING       |  |
|           |                     |            |         |      |      |                                                                                       |  | DWG. NO.<br>968S128000 |  |
| A         | CHANGE CARTON PRINT | 02/24/2022 | SHIRLEY | TINA | TINA | UNITS:<br>M/M                                                                         |  | SAFETY                 |  |
|           | RELEASE             | 04/29/2014 | SHIRLEY | JOAN | JOAN | DATE<br>04/29/2014                                                                    |  | SHEET 1 of 1           |  |
| NO:       | DESCRIPTION         | DATE       | BY      | CHK  | APPD | P/N:                                                                                  |  | DRAW<br>SHIRLEY        |  |
| REVISIONS |                     |            |         |      |      |                                                                                       |  |                        |  |



## Resistance to soldering heat (wave soldering)



Resistance to soldering heat (wave soldering) referring to the terminals

| Key                                                                                     | Par.                                | Profile feature                                   | Pb free Process     |
|-----------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------|---------------------|
| T.1                                                                                     | T <sub>SB</sub>                     | Final Preheat Temperature                         | 150°C               |
| T.2                                                                                     | t pre-heat                          | Pre-heating time (T room to T <sub>SB</sub> )     | 180sec              |
| T.3                                                                                     | d <sub>T</sub> /d <sub>t</sub> up   | Ramp-Up Rate (T <sub>SB</sub> to T <sub>P</sub> ) | 180°C/sec           |
| T.4                                                                                     | T <sub>P</sub>                      | Peak Temperature T <sub>P</sub>                   | 255°C ~ 265°C       |
| T.5                                                                                     | t contact                           | Contact Time at Peak                              | 10sec (5sec x wave) |
| T.6                                                                                     | d <sub>T</sub> /d <sub>t</sub> down | Ramp-Down Rate                                    | 5°C/sec             |
| Failure criteria concerning quality of the soldering termination acc. to the IPC-A-610D |                                     |                                                   |                     |