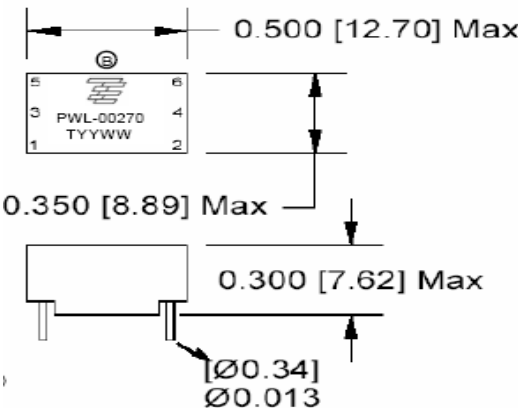
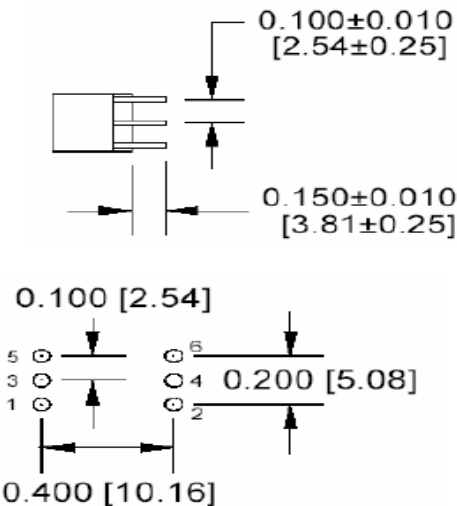
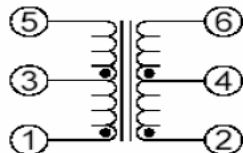


|                                                                                                                                                                                                                                                                                                                 |                         |                                                                                    |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------|-------------------------------|
| MGPWL-00270-P                                                                                                                                                                                                                                                                                                   | REV                     |  |                               |
| 1879406-1                                                                                                                                                                                                                                                                                                       | BA                      |                                                                                    |                               |
| Product                                                                                                                                                                                                                                                                                                         | 400uH Pulse Transformer |                                                                                    |                               |
| Description                                                                                                                                                                                                                                                                                                     | RoHS Version TTI7196-R  |                                                                                    |                               |
| <div><div></div><div></div><div><p><b>Suggested Pad layout</b><br/><b>Customer to determind</b><br/><b>PCB Pad dimension</b></p></div></div> |                         |                                                                                    |                               |
| <div><h3>Schematic</h3></div>                                                                                                                                                                                                |                         |                                                                                    |                               |
| All dimensions are in inches [millimetres].All dimensions are ± 0.005 [0.127] unless otherwise noted.                                                                                                                                                                                                           |                         |                                                                                    |                               |
| <b>Electrical Specifications at +25°C unless noted otherwise</b>                                                                                                                                                                                                                                                |                         |                                                                                    |                               |
| Test                                                                                                                                                                                                                                                                                                            | Limits                  | Unit Tol Notes                                                                     |                               |
| Inductance                                                                                                                                                                                                                                                                                                      | 400                     | µH ±30%                                                                            | 1-5, @ 100kHz, 0.1V, Ls.      |
| Leakage Inductance                                                                                                                                                                                                                                                                                              | 0.30                    | µH Max                                                                             | Pins 1-5 with 2,4 & 6 shorted |
| DC Resistance                                                                                                                                                                                                                                                                                                   | 0.125                   | Ω Max.                                                                             | Pins 1-5                      |
| DC Resistance                                                                                                                                                                                                                                                                                                   | 0.170                   | Ω Max.                                                                             | Pins 2 - 6                    |
| Turns Ratio                                                                                                                                                                                                                                                                                                     | 1.0 : 2.0               | -- ±2%                                                                             | ( 1-5 ) : ( 2-6 )             |
| Hi Pot                                                                                                                                                                                                                                                                                                          | 4,000                   | VAC -                                                                              | Primary to Secondary          |
| <div> <b>RoHS Compliant</b></div>                                                                                                                                                                                          |                         |                                                                                    |                               |
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| Specifications subject to change without notice. For latest revision visit <a href="http://www.tycoelectronics.com">http://www.tycoelectronics.com</a>                                                                                                                                                          |                         |                                                                                    |                               |
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