

## Feature

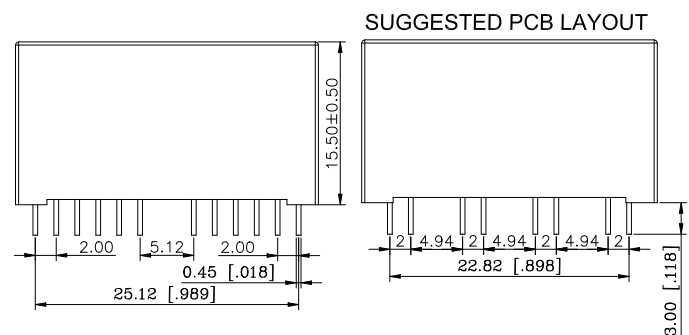
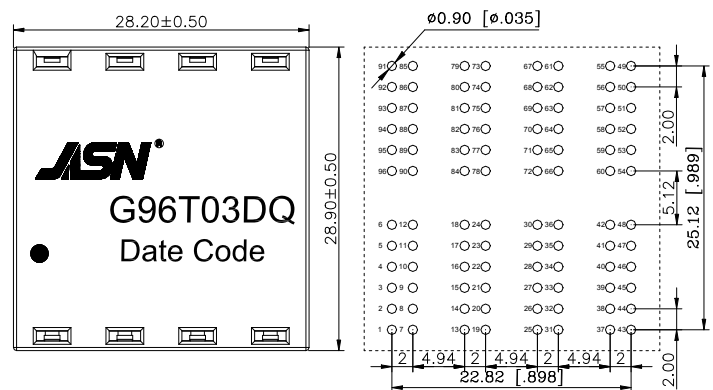
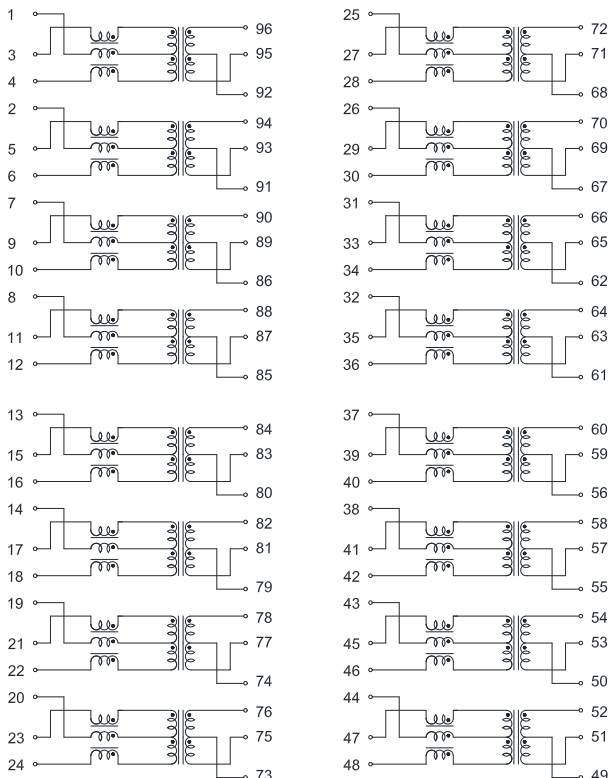
- Compliant with IEEE 802.3at standard.
- Comply with ROHS requirements.
- Suitable for End-span POE applications with 720mA current capability.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +125°C.

## Electrical Specifications @ 25°C

|                 |                                                                                       |             |             |           |           |
|-----------------|---------------------------------------------------------------------------------------|-------------|-------------|-----------|-----------|
| OCL:            | 350uH Min. @100KHz/0.1V with 8mA DC Bias<br>350uH Min. @100KHz/0.1V with 21mA DC Bias |             |             |           |           |
| Hi-POT :        | 1500Vrms                                                                              |             |             |           |           |
| Turn Ratio:     | 1:1±3%                                                                                |             |             |           |           |
| LK:             | 0.5uH Max @100KHz/0.2V                                                                |             |             |           |           |
| Cw/w            | 35PF Max @100KHz/0.2V                                                                 |             |             |           |           |
| D.C.R:          | 1.4 ohm Max                                                                           |             |             |           |           |
| Insertion Loss: | 1-100MHz: -1.0dB Max                                                                  |             |             |           |           |
| Cross Talk :    | 1-100MHz: -30dB Min                                                                   |             |             |           |           |
| Return Loss:    | 1-30MHz                                                                               | 40MHz       | 50MHz       | 60-80MHZ  | 80-100MHZ |
|                 | -18dB Min                                                                             | -14.4dB Min | -13.1dB Min | -12dB Min | -10dB Min |

## Schematic

## Mechanical



Unless otherwise specified, all tolerances are ±0.25