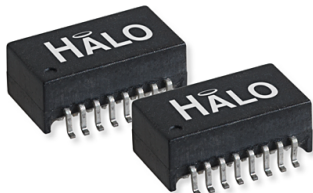


# SMD AUI Isolation Module

Surface Mount 16-Pin SOIC AUI Isolation Transformers



## Product Features:

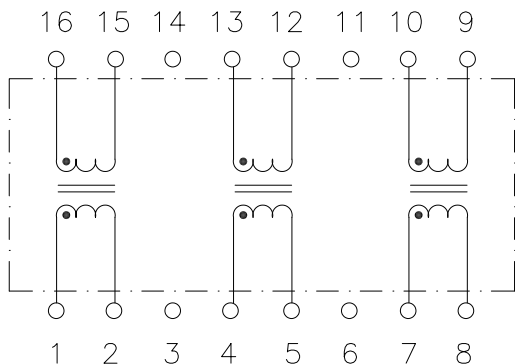
- Designed for AUI Ports
- UL/EN60950 Recognized
- 100% Electrical Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction

| Part Number  | OCL<br>( $\mu\text{H}$ typ) | Turns Ratio | Rise Time<br>(ns max) | PRI Cw/w<br>(pF max) | PRI LL<br>( $\mu\text{H}$ max) | DCR<br>( $\Omega$ max) | Temp.<br>Range | RoHS <sup>1</sup> |
|--------------|-----------------------------|-------------|-----------------------|----------------------|--------------------------------|------------------------|----------------|-------------------|
| TG01-0506NLF | 50                          | 1:1         | 3.0                   | 7                    | 0.15                           | 0.20                   | 0 to 70°C      | Pb-Free           |
| TG01-0506NRL | 50                          | 1:1         | 3.0                   | 7                    | 0.15                           | 0.20                   | 0 to 70°C      | RoHS (7a)         |
| TG01-0756NLF | 75                          | 1:1         | 3.0                   | 7                    | 0.15                           | 0.20                   | 0 to 70°C      | Pb-Free           |
| TG01-0756NRL | 75                          | 1:1         | 3.0                   | 7                    | 0.15                           | 0.20                   | 0 to 70°C      | RoHS (7a)         |
| TG01-1006NLF | 100                         | 1:1         | 3.0                   | 10                   | 0.20                           | 0.20                   | 0 to 70°C      | Pb-Free           |
| TG01-1006NRL | 100                         | 1:1         | 3.0                   | 10                   | 0.20                           | 0.20                   | 0 to 70°C      | RoHS (7a)         |
| TG01-1506NLF | 150                         | 1:1         | 3.0                   | 12                   | 0.20                           | 0.20                   | 0 to 70°C      | Pb-Free           |
| TG01-1506NRL | 150                         | 1:1         | 3.0                   | 12                   | 0.20                           | 0.25                   | 0 to 70°C      | RoHS (7a)         |

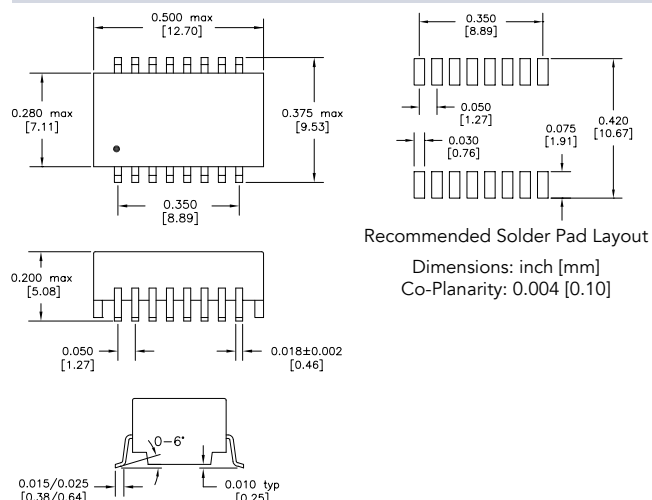
### Notes:

1. Pb-Free parts are RoHS 6/6 compliant. RoHS (7a) parts contain lead per exemption 7a which is set to expire in July 2016.
2. Parts with RL suffix are not recommended for new designs.
3. Please contact the factory or representative for individual datasheets or additional information.

## Circuit



## Mechanical



US Patent Numbers:  
5,656,985 6,297,721 B1  
6,297,720 B1 6,320,489 B1  
6,344,785 B1 6,662,431 B1



2880 Lakeside Drive #116  
Santa Clara, CA 95054  
(650) 903-3800  
[www.haloelectronics.com](http://www.haloelectronics.com)

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