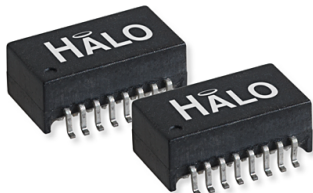


# SMD AUI Isolation Module

Surface Mount 16-Pin SOIC AUI Isolation Transformers



## Product Features:

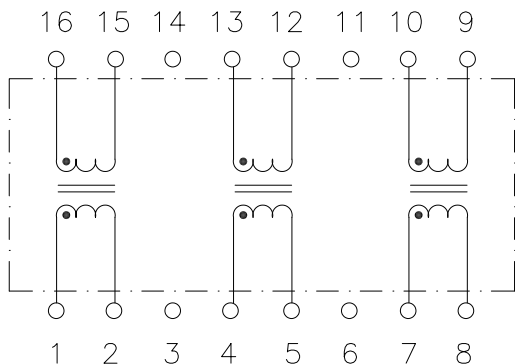
- Designed for AUI Ports
- UL/EN60950 Recognized
- 100% Electrical Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction

Part Number	OCL ( $\mu\text{H}$ typ)	Turns Ratio	Rise Time (ns max)	PRI Cw/w (pF max)	PRI LL ( $\mu\text{H}$ max)	DCR ( $\Omega$ max)	Temp. 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)

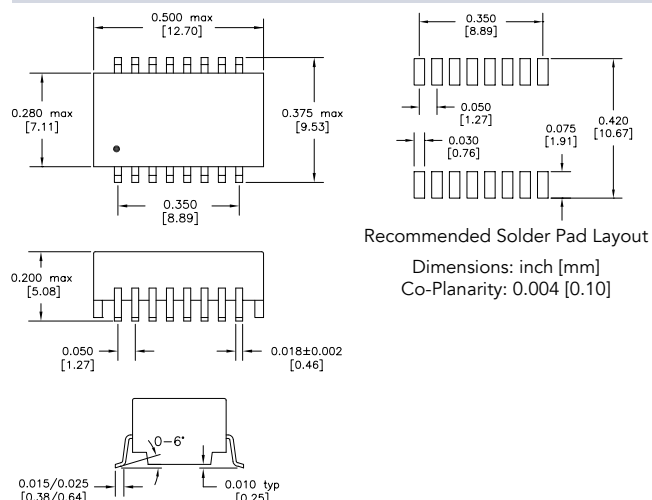
### Notes:

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)

HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.

© Copyright 2015 HALO Electronics, Inc. All rights reserved.

Revised 8/2015. Download the latest version at [www.haloelectronics.com/pdf/discrete-smd-aiui.pdf](http://www.haloelectronics.com/pdf/discrete-smd-aiui.pdf)