

# AEC-Q200 GigE Ethernet Transformers



SMD Single Port 10/100/1000BASE-T Automotive Transformers



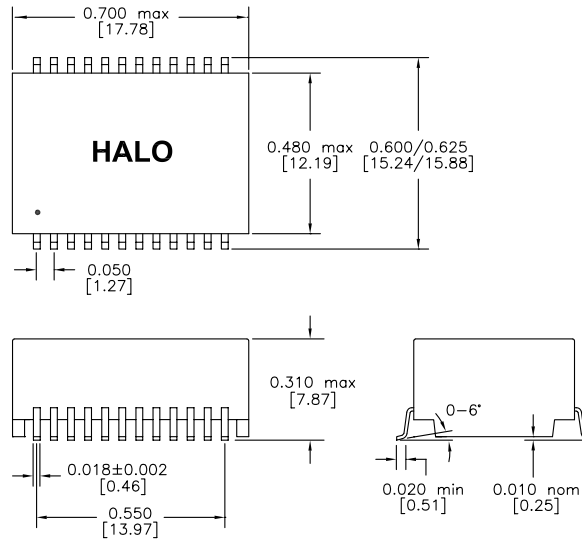
US Patent Numbers:  
 5,656,985 6,297,721 B1  
 6,297,720 B1 6,320,489 B1  
 6,344,785 B1 6,662,431 B1

## Product Features:

- Designed for Automotive Communications
- AEC-Q200
- UL60950 and UL62368 Recognized
- 100% Compliance Testing
- 1500Vrms Hi-Pot
- Patented Open Frame Construction
- For Use with Voltage Driven PHYs
- IEEE802.3ab Compliant

Part Number	Data Rate	Package	Operating Temp. Range	Turns Ratio	OCL (min)	Insertion Loss (max)	DCR (max)
TG1G-AE11NZ6NL	10/100/1000	NZ6	-40 to +105°C	1CT:1CT	350μH	-1.1dB	1.0Ω

Contact your local representative or [factory](#) for part specific datasheets



Dimension : Inches [mm]



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 2019 HALO Electronics, Inc. All rights reserved.

Revised 5/2019. Download the latest version at [www.haloelectronics.com/pdf/discrete-automotive-gigabitethernet.pdf](http://www.haloelectronics.com/pdf/discrete-automotive-gigabitethernet.pdf)