



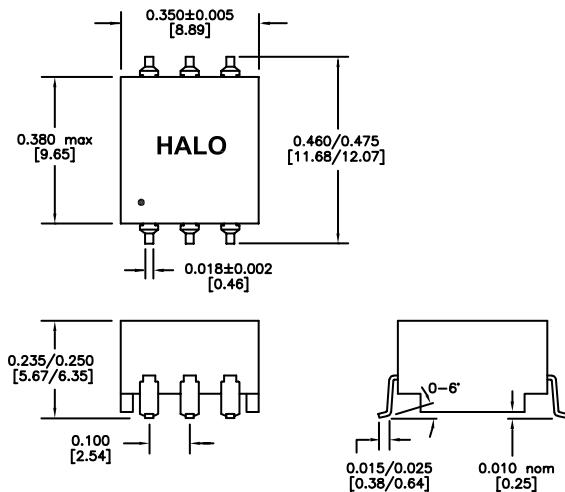
**SMD 1.5KV Isolation Transformers  
For Analog Devices Quad Channel Isolators**

The TGAD-NARL series of 6 pin transformers has been designed specifically to work in conjunction with the Analog Devices, Inc. Quad Channel Isolators with integrated transformer drivers. These "Operational" isolation modules are UL/EN60950 recognized for SELV applications. Other series are available with isolation voltages up to 4.5KVrms. Analog Devices is a trademark of Analog Devices Inc. For more information please go to [iCoupler\\_digital\\_isolation\\_portfolio](#).

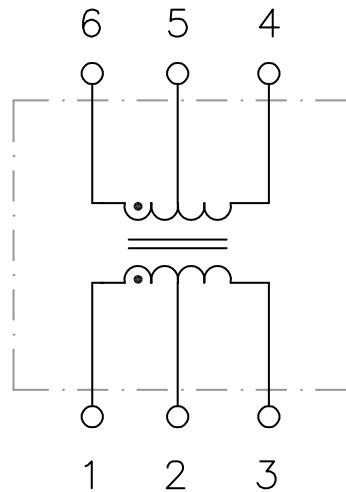


**SMD 1.5KV Isolation Transformers  
For Analog Devices Quad Channels**

**TGAD-NARL Package**



**Circuit Diagram**



DIMENSIONS: Inch(mm)  
CO-PLANARITY: 0.004(0.102)

**Patented Construction**

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

Electrical Specifications @ 25°C  
Operating Temp: -40 to +85°C  
PRI Pins: 1-3  
PRI OCL: 389 $\mu$ H typ.  
PRI DCR: 0.8 $\Omega$



Part Number SMD	Turns Ratio +/-3% PRI : SEC	ET Constant V-us Min*	Isolation Vrms
TGAD-260NARL	1CT:2CT	14	1,500
TGAD-290NARL	1CT:3CT	14	1,500
TGAD-292NARL	1CT:5CT	14	1,500

\* Minimum ET Constant over operating temperature range