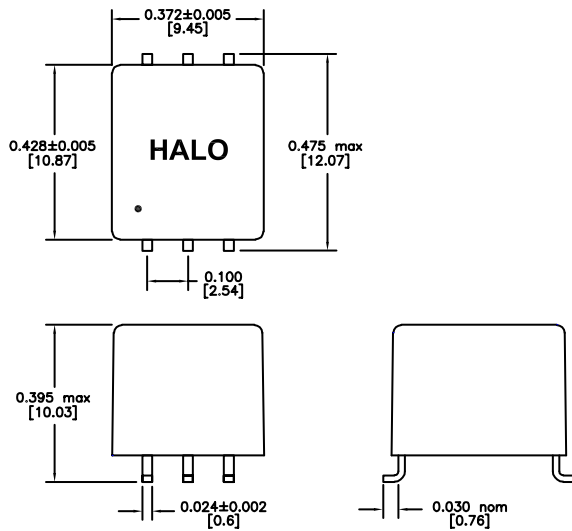


The TGSAD-V6LF series of 6 pin transformers has been designed specifically to work in conjunction with Analog Devices, Inc. Quad Channel Isolators with integrated transformer drivers. These supplemental isolation modules are UL/EN60950 recognized for working voltages up to 300 Volts. Other packages are available with isolation voltages ranging from 1.5KV to 4.5KVrms. Analog Devices is a trademark of Analog Devices, Inc. For more information please go to [iCoupler digital isolation portfolio](#).

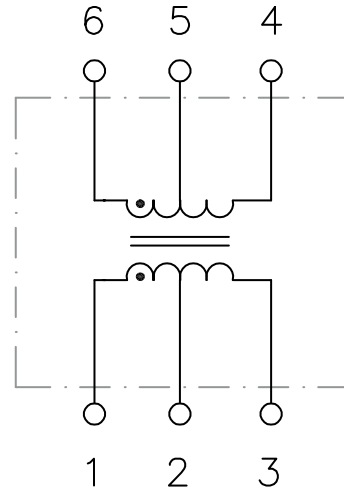


### TGSAD-V6LF Package



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

### Circuit Diagram



Electrical Specifications @ 25°C  
 Operating Temp: -40 to +85°C  
 PRI Pins: 1-3  
 PRI OCL: 389µH typ.  
 PRI DCR: 0.8Ω



| Part Number<br>SMD | Turns Ratio +/-3%<br>PRI : SEC | ET Constant<br>V-us Min* | Isolation<br>Vrms |
|--------------------|--------------------------------|--------------------------|-------------------|
| TGSAD-260V6LF      | 1CT:2CT                        | 14                       | 2,500             |
| TGSAD-290V6LF      | 1CT:3CT                        | 14                       | 2,500             |
| TGSAD-292V6LF      | 1CT:5CT                        | 14                       | 2,500             |

\* Minimum ET Constant over operating temperature range