

HALO SMD 5KV Transformers

ELECTRONICS, INC. For Maxim's MAX13256 H-Bridge Driver

The TGMR-5xxV6LF series of 6 pin transformers has been designed specifically to work in conjunction with the Maxim Integrated Products' MAX13256 H-bridge driver. These reinforced isolation modules are UL/EN60950 and DEMKO recognized for working voltages up to 300 Volts. The 8-36 volt supply range of the MAX13256 makes this circuit ideal for applications such as Power Meters, PLC 24 volt supply isolation, Medical equipment and isolated Fieldbus interfaces.

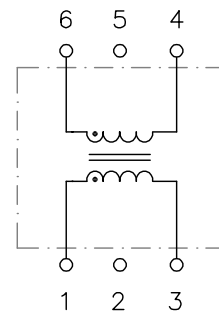


V6LF Package

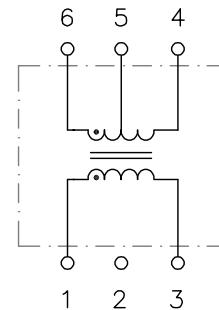


DIMENSIONS: Inch [mm]
 CO-PLANARITY: 0.004 [0.10]

Circuit Diagram A



Circuit Diagram B



Operating Temp: -40°C to $+85^{\circ}\text{C}$
 PRI Pins: 1-3
 Isolation: 5,000Vrms
 ET Constant P1-3 60V-us min (over operating temp. range)

Electrical Specifications @ 25°C

Part Number	Turns Ratio +/-3% PRI : SEC	PRI DCR Ω max	SEC DCR Ω max	Output Load A max	Circuit Diagram
TGMR-501V6LF	1:1	1.2	1.2	0.3	A
TGMR-502V6LF	4:1	0.7	0.25	1.0	A
TGMR-511V6LF	1:1CT	1.2	1.2	0.3	B
TGMR-512V6LF	4:1CT	1.2	0.25	1.0	B

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