

4kV Reinforced Isolation Transformer



Reinforced Insulation Isolation Modules for DC/DC Converter Circuits



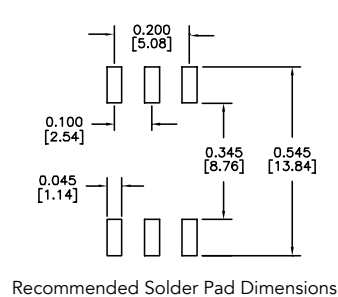
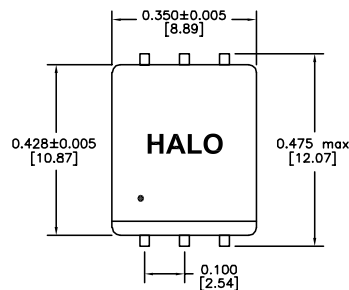
Product Features:

- Designed for Isolated Push-Pull DC/DC Circuits
- Cost-Effective Reinforced Transformer
- UL60950/UL62368 Recognized for Reinforced Insulation
- Minimum 4mm Clearance/Creepage Distance for 300VAC Working Voltages

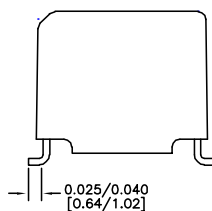
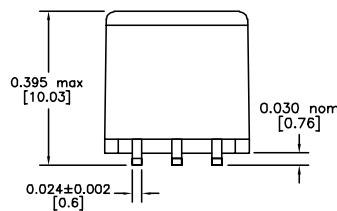
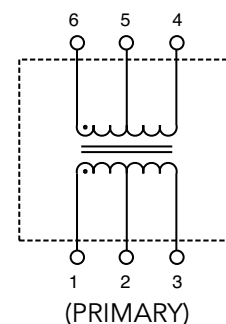
Part Number	Turns Ratio	Input Current (PRI max)	PRI OCL (μH typ)	PRI DCR (Ωmax)	Isolation Voltage (Vrms)	ET Constant (PRI min)	Temp. Range
TGRDC-F10V5LF	1CT:0.5CT	300mA	600	0.8	4,000	22V- μs	-40 to +85°C
TGRDC-F30V5LF	1CT:0.75CT	300mA	384	0.7	4,000	18V- μs	-40 to +85°C
TGRDC-F40V5LF	1CT:1.33CT	300mA	600	0.8	4,000	22V- μs	-40 to +85°C
TGRDC-F50V5LF	1CT:1CT	300mA	600	0.8	4,000	22V- μs	-40 to +85°C
TGRDC-F55V5LF	1CT:1.5CT	300mA	600	0.8	4,000	22V- μs	-40 to +85°C
TGRDC-F60V5LF	1CT:2CT	300mA	600	0.8	4,000	22V- μs	-40 to +85°C
TGRDC-F70V5LF	1CT:1.6CT	300mA	600	0.8	4,000	22V- μs	-40 to +85°C
TGRDC-F75V5LF	1CT:1.75CT	300mA	384	0.7	4,000	18V- μs	-40 to +85°C
TGRDC-F80V5LF	1CT:2.66CT	300mA	600	0.8	4,000	22V- μs	-40 to +85°C

Notes:

- Please contact the factory or representative for individual datasheets or additional information
- For medical applications please contact factory at info@haloelectronics.com or (650) 903-3800



Circuit Diagram



Dimensions: inch [mm]
Co-planarity: 0.004" [0.1]
Tolerances: ± 0.005 " [0.13mm] if not specified



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