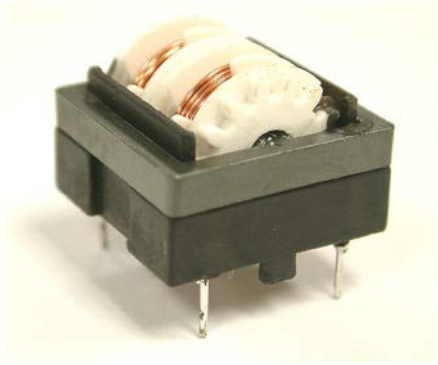
# Switchmode/High Frequency Common Mode Inductors

# ET2825-027

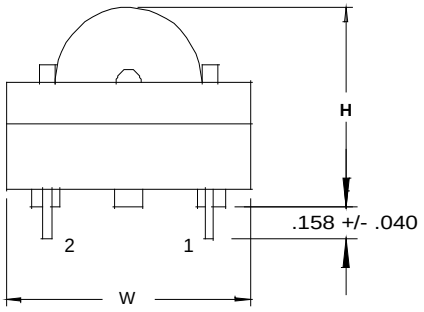


**Description:**
Common-mode coils are useful in a wide range of applications for the prevention of electromagnetic interference (EMI) and radio frequency interference (RFI) from power supply lines and for prevention of malfunctioning of various electronic equipments. Features include low leakage flux, high self-resonant frequency, high impedance at applicable frequency and low stray capacitance in section winding. Designed to meet UL, CSA and IEC standards.

## Electrical Specifications (@20°C):

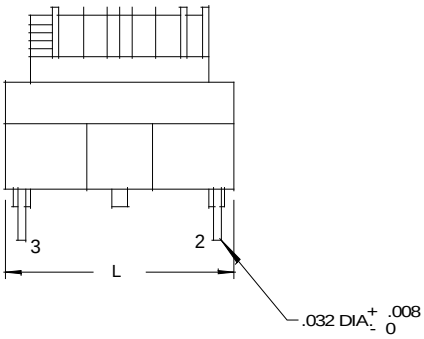
| Min. Inductance* (mH) | Inductance Difference (µH) Max | Max. DC (Ω) Resistance | Amps RMS |
|---|---|---|---|
| 66.00 | 1500 | 1.50 | 0.70 |

*inductance per winding.




## Specifications:

**Rated Voltage =** 250VAC
**Temperature Rise =** 45°C Max
**Insulation Resistance =** 100M Ω Min
**Operating Temperature Range =** -20 to 105°C
**Dielectric Withstanding Voltage =** 2,000 VAC

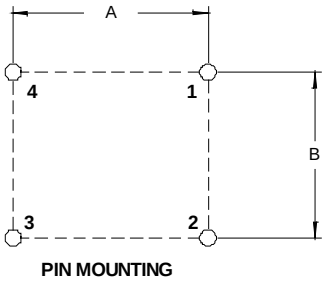



## Dimensions:

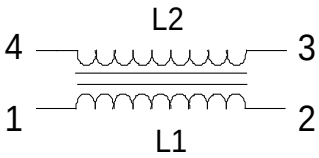
| W | L | H | A | B |
|---|---|---|---|---|
| 1.181 | 1.181 | .984 | .945 | .787 |

Units in inches.

Weight: .88 oz.




## Schematic:




**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

*Upon printing, this document is considered “uncontrolled”. Please contact Triad Magnetics website for the most current version. For soldering and washing information please see http://www.triadmagnetics.com/faq.html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