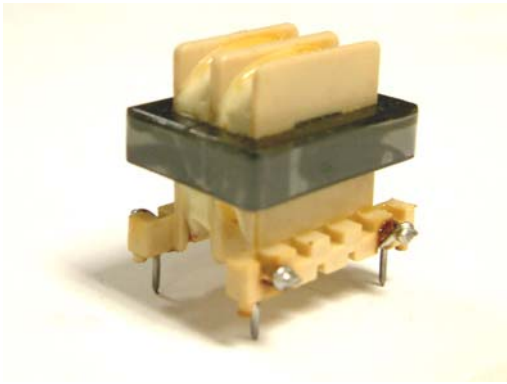
TRIAD MAGNETICS

Switchmode/High Frequency Common Mode Inductors

CME2425-1



Description:

Highly dependable Triad common mode EMI suppression inductors are used in various types of power supplies to eliminate noise common to all lines. These units also provide effective differential mode filtering. Meeting VDE, IEC, UL and CSA requirements, they minimize AC line transmitted interference often created by high frequency switching power supplies.

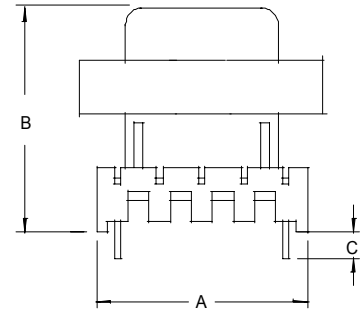
Construction:

Constructed with UL rated 130°C materials.

Electrical Specifications (@20°C):

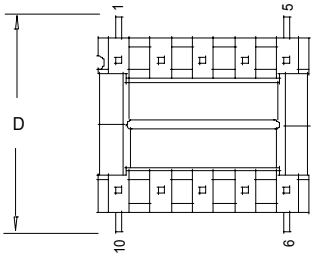
Min. Inductance*	Amps RMS	Max. DC (Ω) Resistance	Min. Leakage
1.05 mH	2.50	.050	9.0 µH

*inductance per winding.



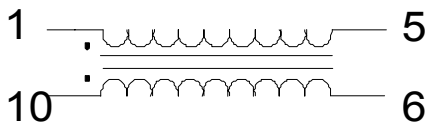
Dimensions:

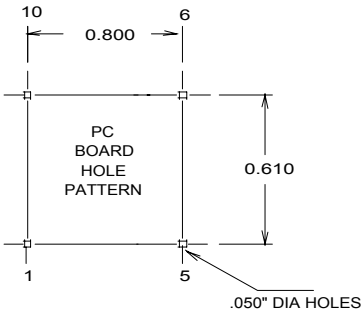
A	B	C	D
1.050	1.075	0.092-0.187	1.050



Note: 1. Pin diameter: 0.029 SQ.
2. Units in inches.
3. Rated current yields approximately 40°C temperature rise.
4. Weight: .154 lbs.

Schematic:





RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

* Upon printing, this document is considered “uncontrolled”. Please contact Triad Magnetics’ website for the most current version.

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