



Triad Magnetics

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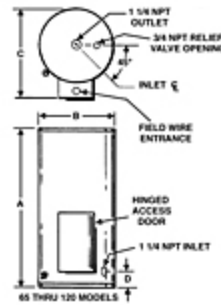
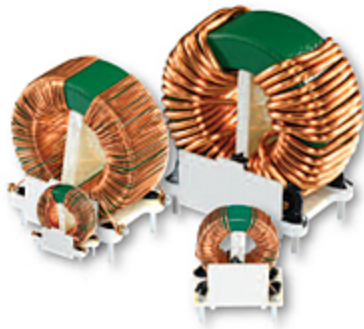
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Item # CMT-8109, CMT8100 Series Common Mode Inductors

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.



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Specifications

Min. Inductance (L) at 1 kHz	30.0 mH
Max. Current	2.3 A
Max. DCR	0.33 Ohm
Maximum Dimension (A)	1.35 in

Dimension (B) - ± 0.01	0.80 in
Dimension (C) - ± 0.015	0.900 in
Dimension (D) - ± 0.015	0.600 in
Maximum Dimension (E)	1.45 in
Maximum Dimension (F)	0.050 in
Minimum Dimension (G)	0.15 in
Inductance Range	1.0 to 50 mH
RMS Current Rating	1.7 to 20 A
RMS Dielectric Voltage Strength	1500 V
Operating Temperature	-55 to 105 °C
Industry Standards	CSA IEC UL VDE