

MODEL HM15 SERIES

Encapsulated Low Power Inductors



FEATURES AND BENEFITS

- Standard Inductance values
- Standard vertical & low profile packages
- Encapsulated for product integrity
- Custom designs available

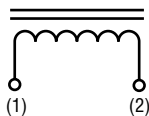
APPLICATIONS

- Switch mode power supplies
- Differential EMI filters
- Output energy storage inductors in buck and boost type converters

ELECTRICAL / ENVIRONMENTAL

Insulation Resistance, Minimum	100 Megohms
Operating Temperature Range	-25°C to +105°C
Temperature Rise, Maximum	40°C

SCHEMATIC (FIGURE 1 & 2)



Specifications subject to change without notice.

SPECIFICATIONS

Part Number	Inductance Typical μH	Current @ 40°C Rise Amps DC Max.	DC Resistance Ω Max.	ET_{op} V- μSec	Figure
HM15-10150	150	1.70	.36	80	1
HM15-10220	220	1.50	.38	90	1
HM15-10330	330	1.00	.74	100	1
HM15-10470	470	0.90	1.10	120	1
HM15-10680	680	0.85	1.25	175	1
HM15-10820	820	0.75	2.30	175	1
HM15-11000	1,000	0.50	2.40	175	1
HM15-20150	150	1.70	.36	80	2
HM15-20220	220	1.50	.38	90	2
HM15-20330	330	1.00	.74	100	2
HM15-20470	470	0.90	1.10	120	2
HM15-20680	680	0.85	1.25	175	2
HM15-20820	820	0.75	2.30	175	2
HM15-21000	1,000	0.50	2.40	175	2

FIGURE 1 (Inch/mm)

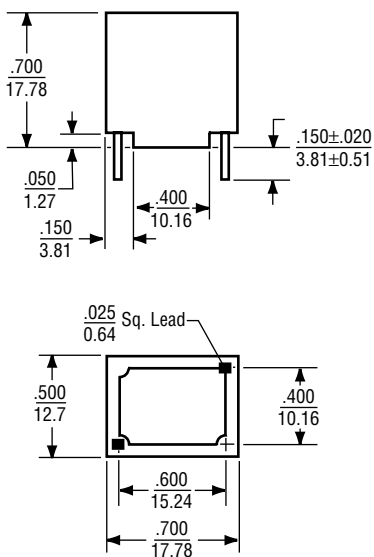


FIGURE 2 (Inch/mm)

