

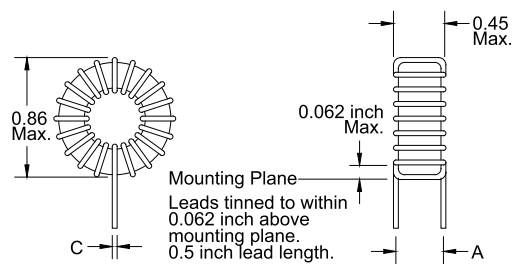
Features

- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105 °C
- Current to cause 30°C temperature rise.

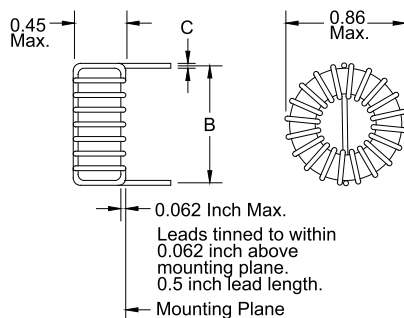
Applications

- Switch mode power supplies
- DC/DC converters
- Output chokes
- EMI Filters

Dimensions (inches)



Vertical



Horizontal

Electrical Characteristics For M2100 Series

Part Number	L(±15%) [uH] @1KHz	Idc (A)	L(uH) ±15% @Irated	DCR [Ω] (max)	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
M2101-RC	10	10.8	6.3	0.006	0.34	0.77	0.053
M2102-RC	12	10.3	7.4	0.007	0.34	0.77	0.053
M2103-RC	15	7.7	10.2	0.012	0.33	0.76	0.042
M2104-RC	18	7.4	11.9	0.013	0.33	0.76	0.042
M2105-RC	22	7.0	14.2	0.015	0.33	0.76	0.042
M2106-RC	27	5.3	19.1	0.026	0.32	0.75	0.034
M2107-RC	33	5.0	22.8	0.029	0.32	0.75	0.034
M2108-RC	39	4.8	26.4	0.032	0.32	0.75	0.034
M2109-RC	47	3.6	34.7	0.055	0.31	0.75	0.027
M2110-RC	56	3.4	40.6	0.060	0.31	0.75	0.027
M2111-RC	68	3.3	48.3	0.067	0.31	0.75	0.027
M2112-RC	100	2.4	75.2	0.13	0.31	0.74	0.022
M2113-RC	120	2.2	88.5	0.15	0.31	0.74	0.022
M2114-RC	150	3.4	84.3	0.062	0.35	0.79	0.034
M2115-RC	180	2.6	113.1	0.11	0.34	0.77	0.027
M2116-RC	220	2.4	134.4	0.12	0.34	0.77	0.027
M2117-RC	270	1.8	181.6	0.21	0.33	0.76	0.022
M2118-RC	330	1.7	216.3	0.23	0.33	0.76	0.022
M2119-RC	390	1.7	250.1	0.25	0.33	0.76	0.022
M2120-RC	470	1.6	293.8	0.28	0.35	0.76	0.022
M2121-RC	560	1.5	341.5	0.30	0.35	0.79	0.022
M2122-RC	680	1.4	403.2	0.33	0.35	0.79	0.022
M2123-RC	820	1.4	472.8	0.37	0.35	0.79	0.022
M2124-RC	1000	1.3	559.2	0.40	0.37	0.81	0.022

Note: Insert -H or -V for mounting style before -RC
Example: M2123-V-RC