

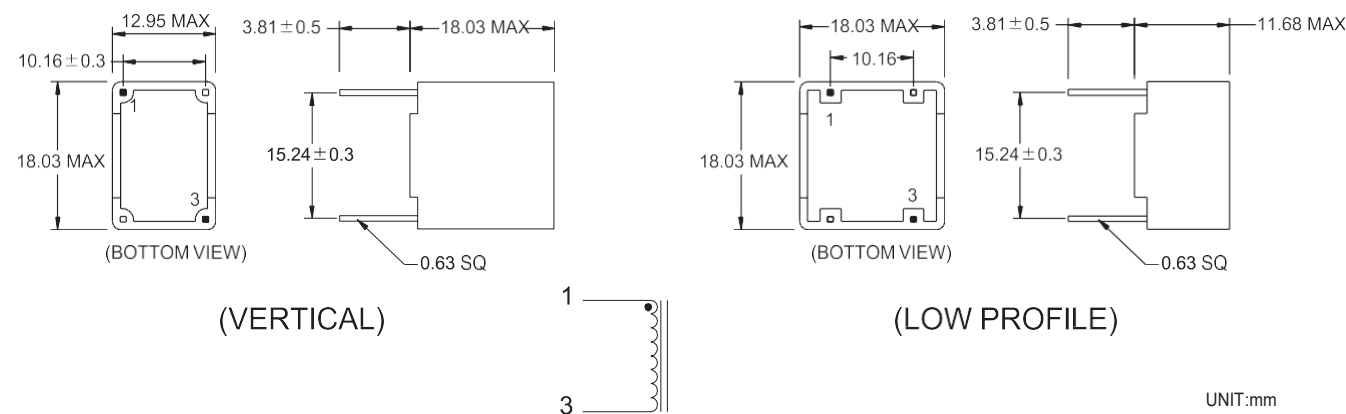
MGT-51900 SERIES

Standard Low Power Inductors



- Designed for general purpose use, switching mode power converters and ripple filters
- High inductance stability with variable volt - seconds & load currents
- Compact packages with vertical and low profile options available

Mechanical Dimensions:



Electrical Specifications at 25 °C

Reference Operating Values					Design Control Values			
Low Profile Part No.	Vertical Part No.	Inductance Typical (μ H)	IDC (Amps)	Max. ETop (V- μ)	Inductance No DC (μ H 2%)	20KHz Test Volts No.DC	DCR 20°C (Ω Max.)	Min.Energy Storage (μ J)
MGT - 51901	MGT - 51902	150	1.7	80	145	0.11	0.42	215
MGT - 51903	MGT - 51904	220	1.5	90	226	0.14	0.52	240
MGT - 51905	MGT - 51906	330	1.0	100	316	0.17	0.78	165
MGT - 51907	MGT - 51908	470	.90	120	480	0.21	1.26	190
MGT - 51909	MGT - 51910	680	.85	175	690	0.25	1.50	245
MGT - 51911	MGT - 51912	820	.75	175	780	0.27	2.40	230
MGT - 51913	MGT - 51914	1000	.50	175	975	0.30	2.60	125