

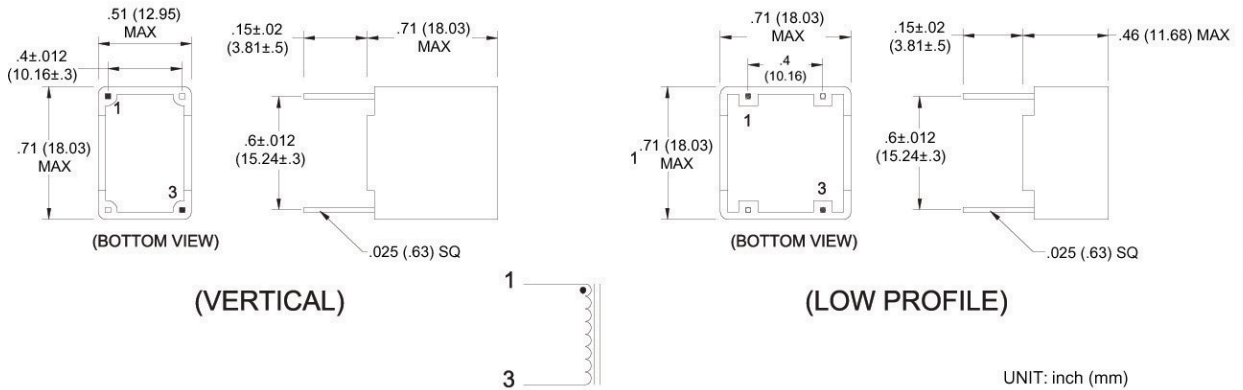
# MT-51900 SERIES

## Standard Low Power Inductors



- Designed for general purpose use, switchmode power converters and ripple filters
- High inductance stability with variable volt - seconds and 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 ( $\mu$ H)	IDC (Amps)	Max. ETop (V- $\mu$ s)	Inductance No DC ( $\mu$ H $\pm$ 20%)	20KHz Test Volts No DC	DCR ( $\Omega$ Max.)	Min Energy Storage ( $\mu$ J)
MT - 51901	MT - 51902	150	1.7	80	145	0.11	0.42	215
MT - 51903	MT - 51904	220	1.5	90	226	0.14	0.52	240
MT - 51905	MT - 51906	330	1.0	100	316	0.17	0.78	165
MT - 51907	MT - 51908	470	.90	120	480	0.21	1.26	190
MT - 51909	MT - 51910	680	.85	175	690	0.25	1.50	245
MT - 51911	MT - 51912	820	.75	175	780	0.27	2.40	230
MT - 51913	MT - 51914	1000	.50	175	975	0.30	2.60	125