

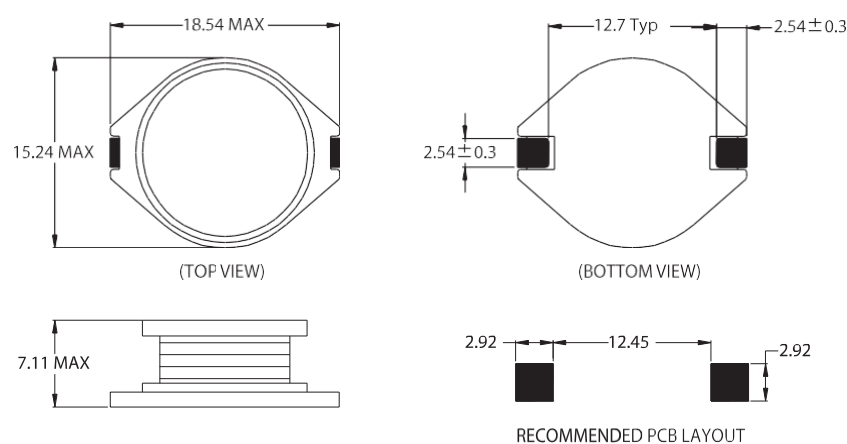
MGT-534^{SERIES}

SMD Power Inductors



- Very high current rating
- Up to 8.6 Arms, 20 Adc saturation current
- Flat top for reliable surface mounting
- Custom versions available upon request
- Tape & Reel package

Mechanical Dimensions:



UNIT:mm

Part Number	Inductance ¹ (μ H $\pm$ 20%)	DCR 20°C (Ω max.)	Isat ² (Adc)	Irms ³ (A)
MGT – 534 – 1R0	1.0	0.009	20	8.6
MGT – 534 – 2R2	2.2	0.014	16	7.1
MGT – 534 – 3R3	3.3	0.018	14	6.2
MGT – 534 – 5R6	5.6	0.020	12	5.3
MGT – 534 – 100	10.0	0.031	10	4.3
MGT – 534 – 150	15.0	0.036	8.0	4.0
MGT – 534 – 220	22.0	0.047	7.0	3.5
MGT – 534 – 330	33.0	0.066	5.5	3.0
MGT – 534 – 470	47.0	0.086	4.5	2.6
MGT – 534 – 680	68.0	0.130	3.5	2.3
MGT – 534 – 101	100.0	0.190	3.0	1.8
MGT – 534 – 151	150.0	0.250	2.6	1.5
MGT – 534 – 221	220.0	0.380	2.4	1.2
MGT – 534 – 331	330.0	0.560	1.9	1.0
MGT – 534 – 471	470.0	0.850	1.4	0.82
MGT – 534 – 681	680.0	1.100	1.2	0.72
MGT – 534 – 102	1000.0	1.800	1.0	0.56

1. Inductance tested at 100kHz, 0.1Vrms, 0Adc.

2. Inductance drop = 10% typ. at rated Isat.

3. $\Delta T = 40$ rise typ. at Irms.

4. Operating temperature range -40 to + 85 . °C

5. Electrical specifications at 25 °C

