

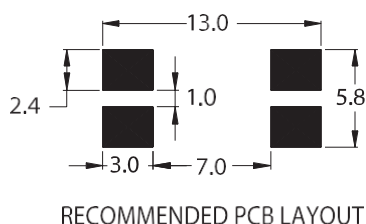
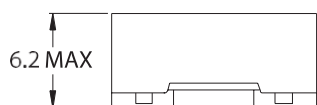
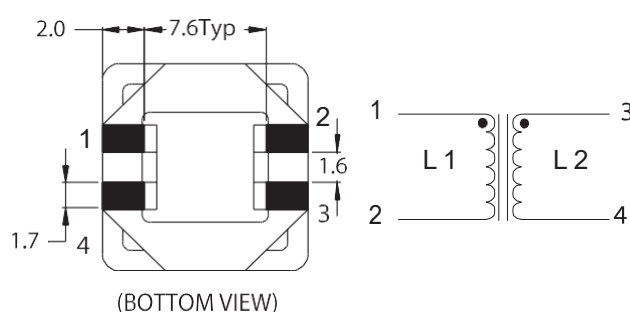
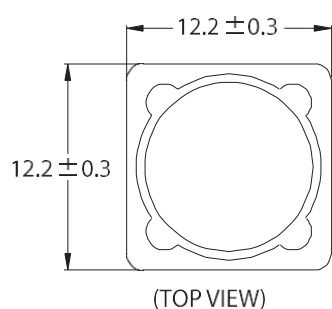
MGT-556_{SERIES}

SMD Transformers



- Low profile Magnetically shielded transformer
- Low DCR
- Low cost
- Ideal for DC-DC converter, PC, PDA, Power supply applications
- Custom versions available upon request
- Tape & Reel package

Mechanical Dimensions:



UNIT:mm

Part Number	Inductance ¹ (H 30%)		DCR 20°C (m max.)		Turn ratio (L1 : L2)	Isat ² (Adc)
	L1	L2	L1	L2		
MGT - 556 - 5622	5.6	26.5	20	220	1 : 2.2	5.3
MGT - 556 - 6822	6.8	32	21	250	1 : 2.2	5.0
MGT - 556 - 8220	8.2	32	22	260	1 : 2.0	4.7
MGT - 556 - 8222	8.2	35	22	270	1 : 2.2	4.7
MGT - 556 - 1014	10	21	27	182	1 : 1.4	4.3
MGT - 556 - 1016	10	25	27	220	1 : 1.6	4.3
MGT - 556 - 1022	10	45	27	300	1 : 2.2	4.3
MGT - 556 - 1220	12	45	30	300	1 : 2.0	4.0

1. Inductance tested at 1kHz, 1Vrms, 0Adc.
2. L1 inductance drop = 25% typ. at rated Isat.
3. $\Delta T = 45$ rise typ.
4. Operating temperature range -40 °C to + 85 °C
5. Electrical specifications at 25 °C

