

MGT-586

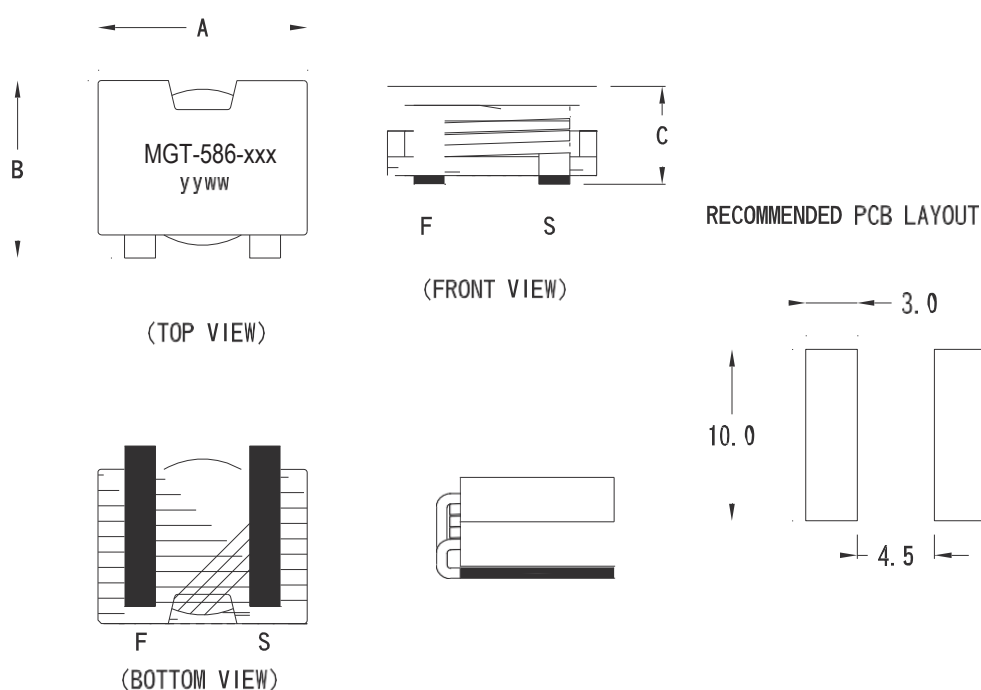
SERIES

SMD Power Inductors



- High inductance. High DC current capability.
- Surface mount design.
- Packaging standard, per 13" Reel.
- RoHS compliant component.

Mechanical Dimensions:



Electrical Specifications at 25°C

Part Number	Inductance ¹ (μH)	DCR (mΩ) max.	Isat (Adc)	Dimensions (mm)		
				A	B	C
MGT-586-R95	0.95	2.3	25.0	12.5 MAX	11.0 MAX	6.5 MAX
MGT-586-1R4	1.40	4.1	22.0	12.5 MAX	11.0 MAX	6.2 MAX
MGT-586-2R4	2.40	4.8	16.5	12.5 MAX	11.0 MAX	6.2 MAX
MGT-586-3R9	3.90	7.2	12.0	12.5 MAX	11.0 MAX	6.2 MAX

1. Inductance tested at 10 KHz, 0.1 Vrms
2. Inductance tolerance ± 15 %
3. Dc current that will cause inductance to drop max 30% from nominal value.
4. Operating temperature range -25°C to + 100°C.