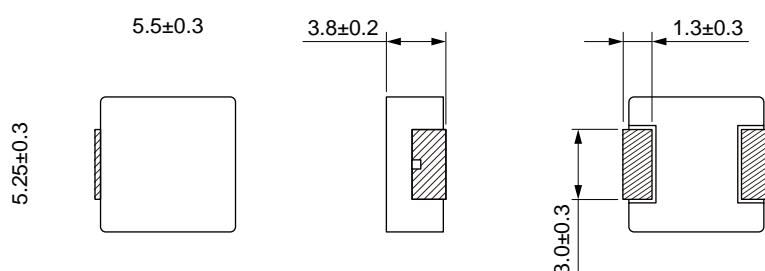


## SMD Moulded Inductor Size 5040

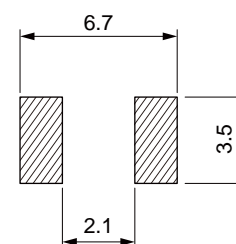


- Low loss realized with low DCR.
- 
- 100% Lead(Pb)-Free and RoHS compliant.
- High performance (Isat) realized by metal dust core.
- 
- 
- 
- HVAC
- 
- Audio subsystem
- Digital instrument cluster
- 

### Dimensions: [mm]



### Land Pattern: [mm]



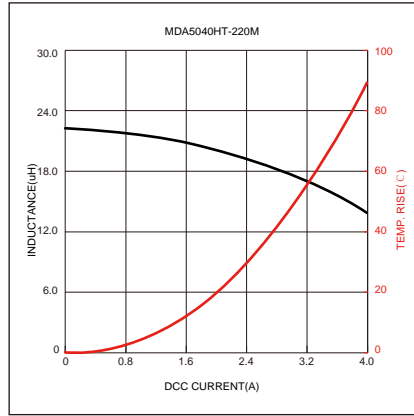
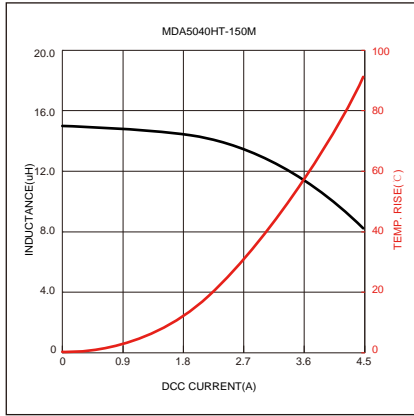
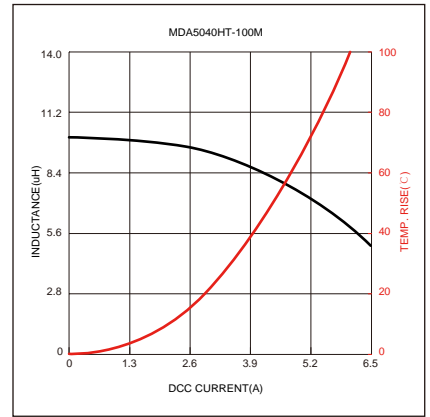
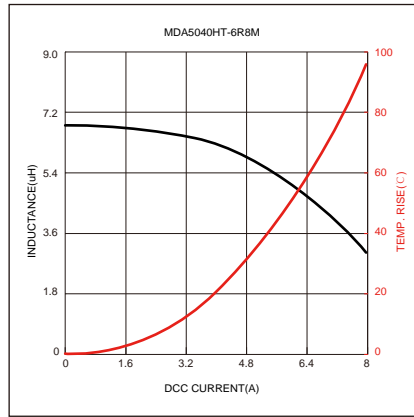
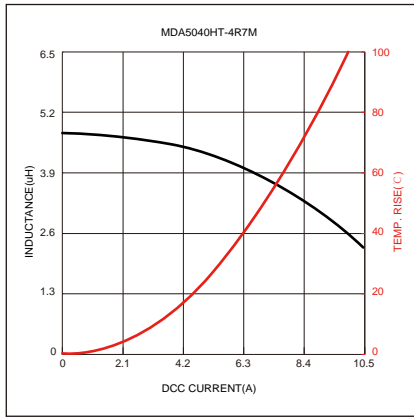
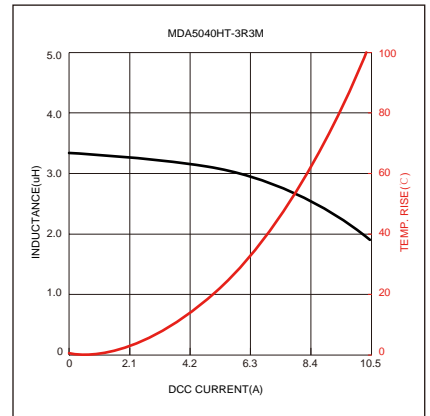
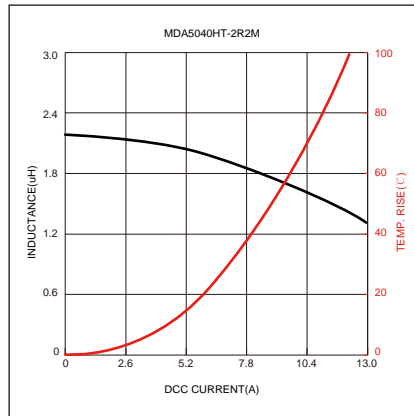
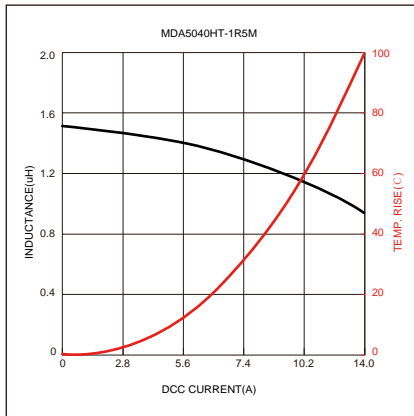
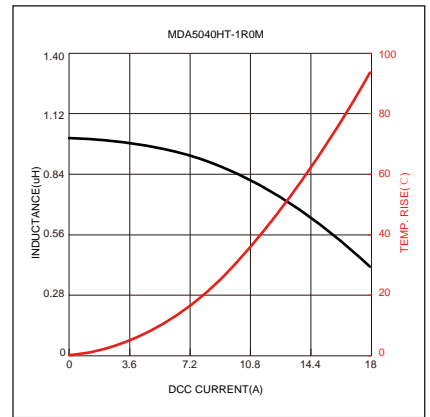
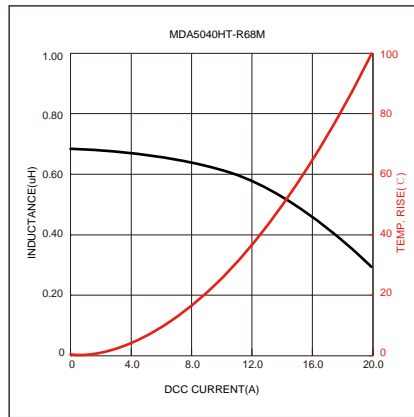
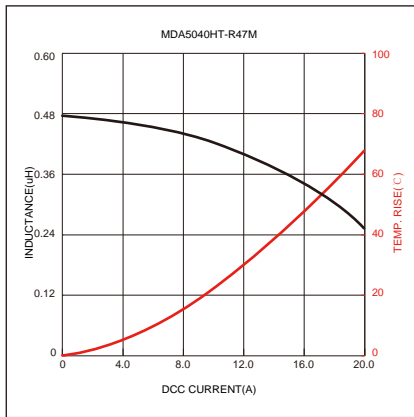
### Electrical Properties:

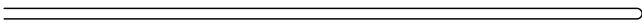
	( $\mu\text{H}$ )			Saturation	( $\text{m}\Omega$ )	( $\text{m}\Omega$ )
MDA5040HT-R47M	0.47	$\pm 20\%$	13.5	14.5	5.5	6.3
MDA5040HT-R68M	0.68	$\pm 20\%$	12.5	13.2	7.5	8.6
MDA5040HT-1R0M	1.00	$\pm 20\%$	11.5	11.2	9.8	11.3
MDA5040HT-1R5M	1.50	$\pm 20\%$	9.0	10.3	14.7	16.2
MDA5040HT-2R2M	2.20	$\pm 20\%$	7.8	9.3	21.8	24.0
MDA5040HT-3R3M	3.30	$\pm 20\%$	6.8	8.8	30.0	34.5
MDA5040HT-4R7M	4.70	$\pm 20\%$	6.1	7.2	35.6	39.2
MDA5040HT-6R8M	6.80	$\pm 20\%$	5.2	5.2	50.0	57.5
MDA5040HT-100M	10.0	$\pm 20\%$	4.0	5.2	82.0	92.0
MDA5040HT-150M	15.0	$\pm 20\%$	3.0	3.8	100	120
MDA5040HT-220M	22.0	$\pm 20\%$	2.7	3.0	170	187

Saturation Current will cause L to drop approximately 35%

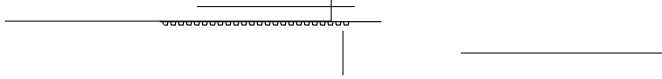
Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^\circ\text{C}$

# Typical Electrical Characteristics:





Reel Dimension: [mm]



Packaging Quantity: