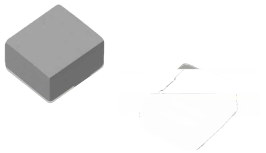
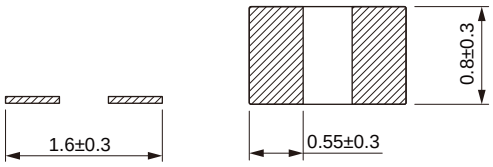
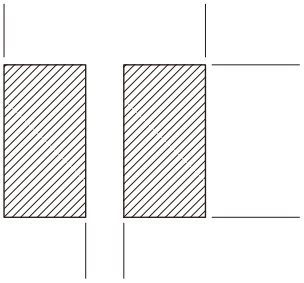
MDTE Series
Wire Wound Molded SMD Power Inductors
Size 160808



Dimensions: [mm]



Land Pattern: [mm]

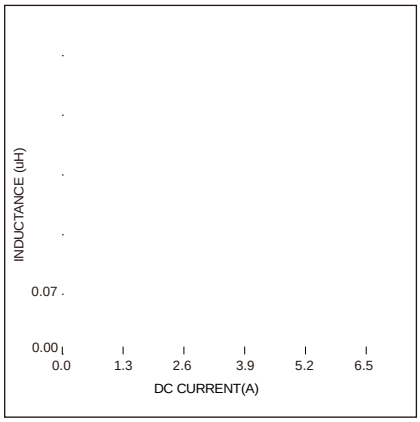


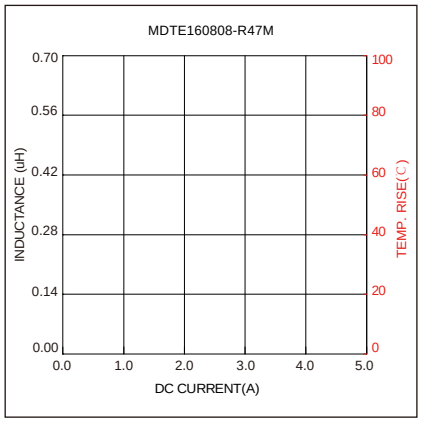
Electrical Properties:

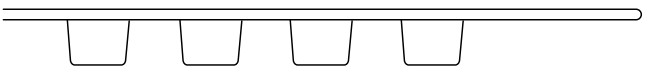
Part No	Inductance @ 1MHz/1V (μH)	Tolerance	Satura on Current Typ. (A)	Satura on Current Max. (A)	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	DC Resistance Max. (mΩ)
MDTE160808-R22M	0.22	±20%	5.5	5.0	3.4	3.0	40
MDTE160808-R47M	0.47	±20%	4.7	4.2	2.8	2.5	100
MDTE160808-R56M	0.56	±20%	4.1	3.6	2.4	2.2	110
MDTE160808-R68M	0.68	±20%	3.3	3.0	2.2	2.0	138
MDTE160808-1R0M	1.00	±20%	3.0	2.6	2.1	1.8	200

Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

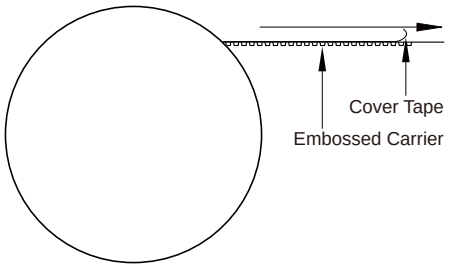
Typical Electrical Characteristics:







Reel Dimension：[mm]



Packaging Quantity: