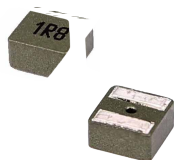


MDTA Series

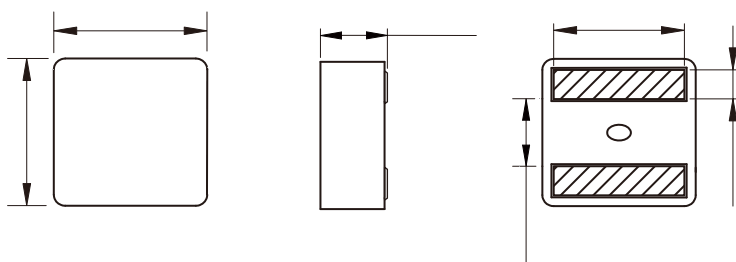


FEATURES

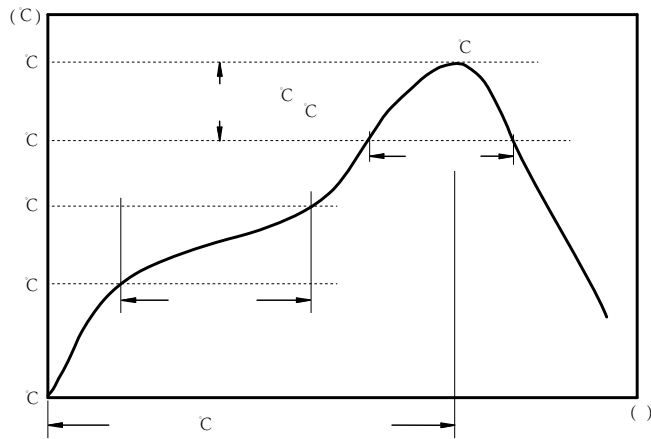
- Flat wire coil for low copper losses
- Composite core material allows high saturation currents
- Very low acoustic noise and very low leakage flux noise
- High current capability and handles high transient current spikes
- AEC-Q200 qualified
- Operating temperature -55 to +155 °C (Including self - temperature rise)
- Quantity: 2000pcs

APPLICATION

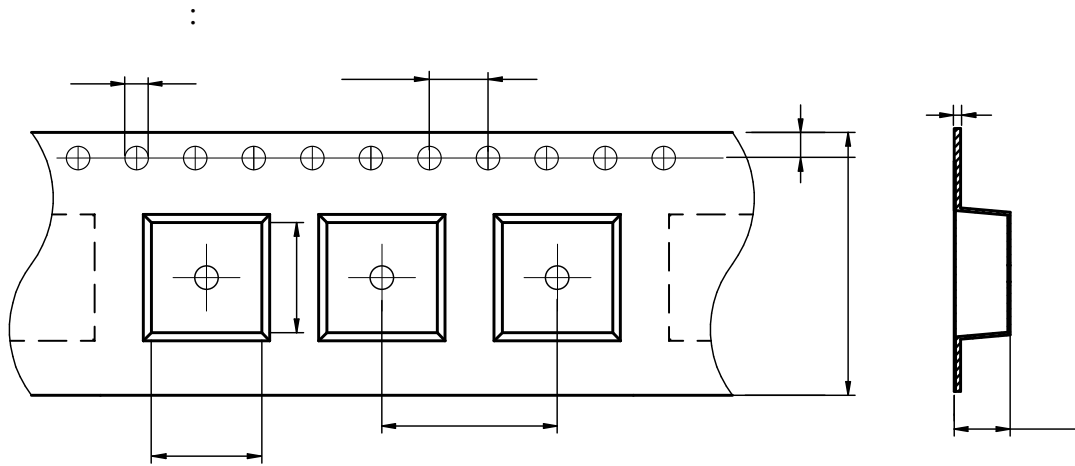
- DC/DC converters for entertainment/navigation systems
- Noise suppression for motors: windshield wipers / power seats / power mirrors / heating and ventilation blowers / HID lighting
- LED drivers



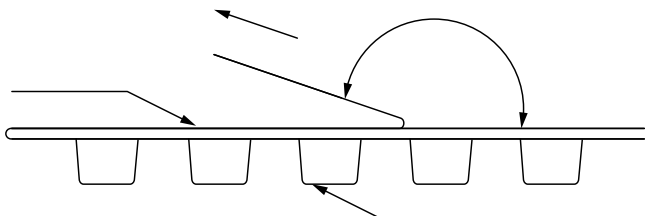
Part No	L@100KHz /0.1V	Tolerance	I _{SAT} Typ.	I _R		R _{DC} Max.	D
				20°C rise	40°C rise		
MDTA7020-R27M	0.27	±20%	35	16	21	3.5	6.6±0.3
MDTA7020-R31M	0.31	±20%	34	14	20	4.8	6.2±0.3
MDTA7020-R33M	0.33	±20%	34	13	19	4.8	6.2±0.3
MDTA7020-R47M	0.47	±20%	28	12	17	6.2	6.2±0.3
MDTA7020-R68M	0.68	±20%	25	10	13	9.2	6.2±0.3
MDTA7020-1R0M	1.00	±20%	23	8	11	10.8	6.2±0.3



C
C
C



MDTA7020	8.2 ± 0.1	8.0 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	12.0 ± 0.1	16.0 ± 0.3	2.3 ± 0.1	1.75 ± 0.1	0.35 ± 0.05



The peel force of top cover tape shall be between 0.1 to 1.3 N

Marking	Printing (Inductance)
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