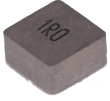


**MDTA Series**  
**Flat Wire Molded Inductor**  
**Size 1060**



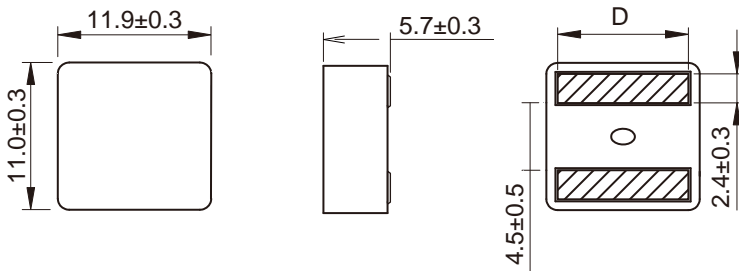
**FEATURES**

- 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 (Including self-temperature rise)
- Quantity: 500pcs

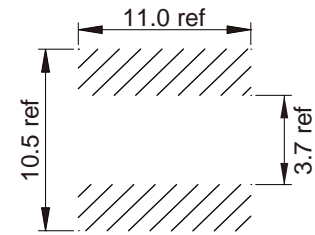
**APPLICATION**

- 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

Dimensions: [mm]



Land Pattern: [mm]



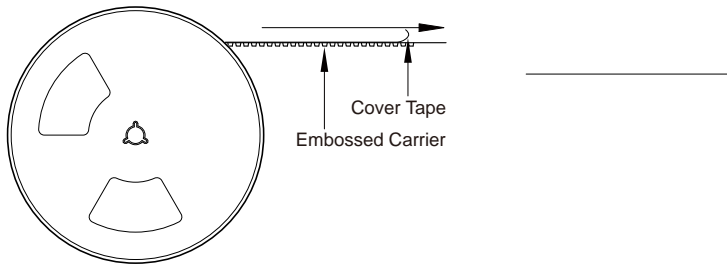
Electrical Properties:

Part No	L@100KHz /0.1V (μH)	Tolerance	I <sub>SAT</sub> Typ. (A)	I <sub>R</sub> (A)		R <sub>DC</sub> Max. (mΩ)	D (mm)
				20°C rise	40°C rise		
MDTA1060-R68M	0.68	±20%	55.0	22.5	34.0	1.50	9.5±0.5
MDTA1060-1R0M	1.00	±20%	48.0	20.0	28.5	2.32	9.0±0.5
MDTA1060-1R2M	1.20	±20%	45.0	18.0	26.5	2.64	9.0±0.5
MDTA1060-1R5M	1.50	±20%	40.0	16.0	24.5	3.30	9.0±0.5
MDTA1060-2R2M	2.20	±20%	35.0	14.0	20.0	4.84	9.0±0.5
MDTA1060-3R3M	3.30	±20%	28.0	11.4	16.8	7.70	9.0±0.5
MDTA1060-4R7M	4.70	±20%	25.0	8.7	14.0	10.72	9.0±0.5





Reel Dimension : [mm]



Packaging Quantity: