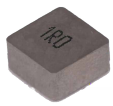
MDTA Series
Flat Wire Molded Inductor
Size 1060



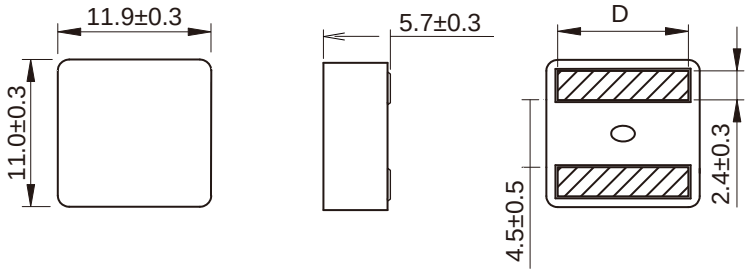
FEATURES

- Flat wire coil for low copper losses
- Composoite core material allows high satura on currents
- Very low acous c noise and very low leakage flux noise
- High current capability and handles high transient current spikes
- AEC-Q200 qualified
- Opera ng temperature -55 to +155℃(Including self - temperature rise)
- Quan ty: 500pcs

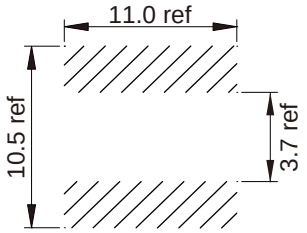
APPLICATION

- DC/DC converters for entertainment/naviga on systems
  Noise suppression for motors: windshield wipers / power seats/ power mirrors / hea ng and ven la on blowers / HID ligh ng
- LED drivers

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	L@100KHz /0.1V (μH)	Tolerance	I_{SAT} Typ. (A)	I_R (A)		R_{DC} 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