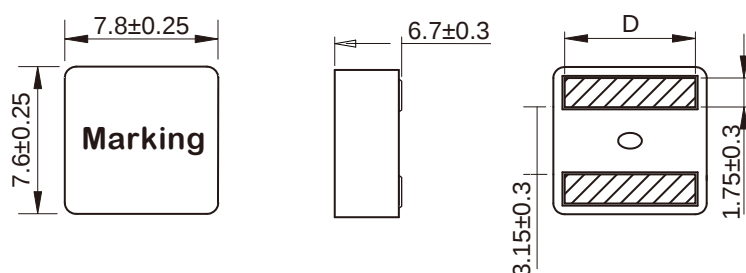


Flat Wire Molded Inductor Size 7070

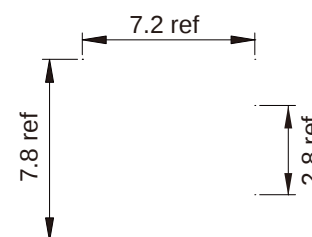


- Flat wire coil for low copper losses
 - Composite core material allows high saturation currents
 - Very low acoustic noise and very low leakage flux noise
 - High current capability and handles high transient current spikes
 - AEC-Q200 qualified
 - Operating temperature -55 to +155 °C (Including self - temperature rise)
 - Quantity: 700pcs
-
- 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]



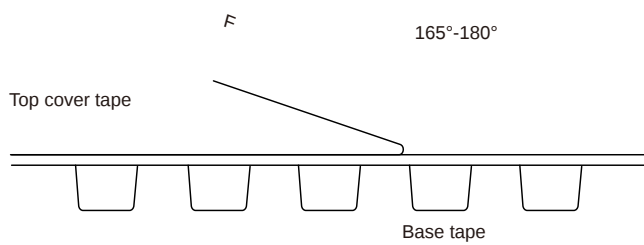
Electrical Properties:

	(μH)		(A)	(A)		(mΩ)	(mm)
MDTA7070-1R0M	1.00	±20%	34.8	20.0	25.0	2.81	6.7±0.3
MDTA7070-1R8M	1.80	±20%	25.0	15.8	21.0	4.46	6.7±0.3
MDTA7070-3R3M	3.30	±20%	19.4	11.5	15.1	9.42	6.7±0.3
MDTA7070-4R7M	4.70	±20%	15.5	10.5	13.6	13.5	6.7±0.3
MDTA7070-6R8M	6.80	±20%	12.8	7.0	9.5	19.6	6.5±0.3

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current that causes the specified temperature rise from 25°C ambient.

Peel force of top cover tape:



Reel Dimension: [mm]

Packaging Quantity: