

MDTA Series

Flat Wire Molded Inductor

Size 8080

FEATURES

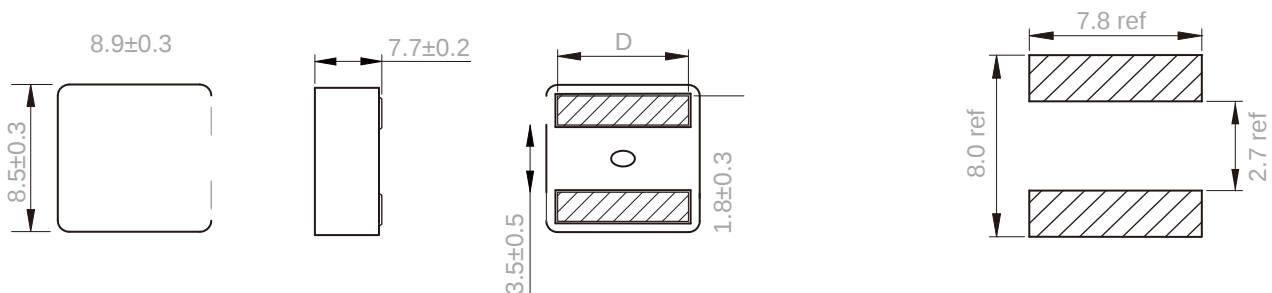
- Flat wire coil f
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APPLICATION

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Dimensions: [mm]

Land Pattern: [mm]



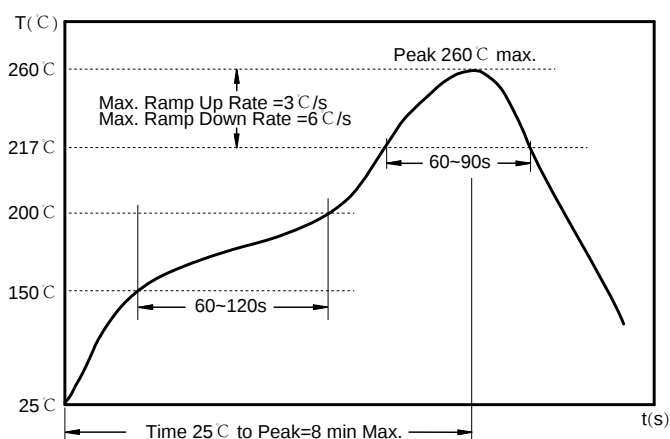
Electrical Properties:

Part No	L@100KHz /0.1V	Tolerance	I _{SAT} Typ.	I _R		R _{DC} Max.	D
				20°C rise	40°C rise		
MDTA8080-1R8M	1.80	±20%	28.0	18.0	24.0	4.0	7.2±0.3
MDTA8080-2R2M	2.20	±20%	25.0	16.0	21.5	4.3	7.2±0.3
MDTA8080-3R3M	3.30	±20%	23.0	13.5	18.0	7.3	6.9±0.3
MDTA8080-4R7M	4.70	±20%	19.0	10.5	14.6	9.8	6.9±0.3
MDTA8080-6R8M	6.80	±20%	14.5	8.0	11.3	14.3	6.9±0.3
MDTA8080-100M	10.0	±20%	11.0	6.6	8.7	22.9	6.9±0.3

Saturation Current will cause L to drop approximately 30%

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

Soldering Reflow:



Preheat condition: 150 ~200 °C / 60~120 sec.

Allowed time above 217 °C : 60~90 sec.

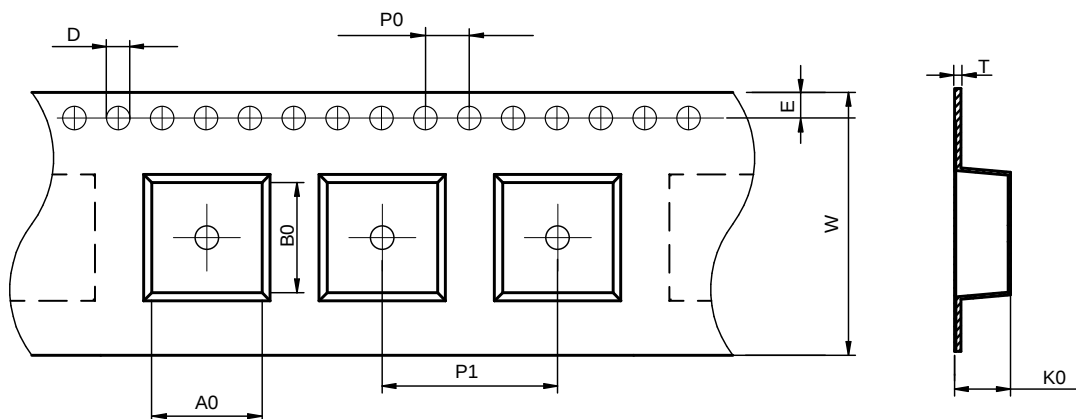
Max temperature: 260 °C .

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

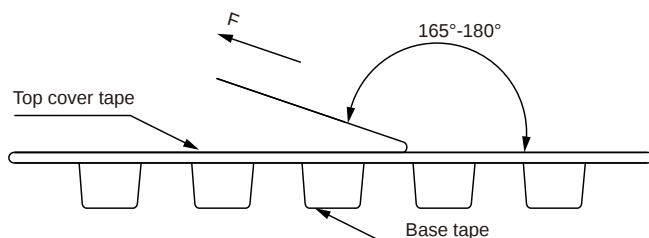
Packaging Information:

Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTA8080	9.4 ± 0.1	8.9 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	16.0 ± 0.1	24.0 ± 0.3	8.5 ± 0.1	1.75 ± 0.1	0.50 ± 0.05

Peel force of top cover tape:

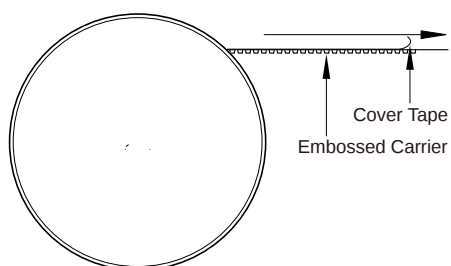


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

Marking	Printing Inductance)
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Reel Dimension: [mm]



Packaging Quantity: