

MDTA Series

Flat Wire Molded Inductor

Size 6060



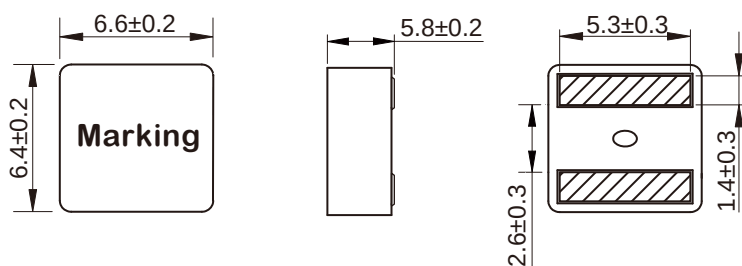
FEATURES

- Flat wire coil for low copper losses
- / 2Y LJ 2āā ŪŠ ŪŠ Y I-ŪŠ NŪ I-f I-ft 2ōā KĀĒK ā I-Ūdz N I-ēzy Ūdz N N Šy Ūā
- ±Š Nē f 2ō I-Ūdz āā Ū y 2āā I-yŔ ŪŠ Nē f 2ō fŠ I-ŪŠ b dz E y 2āā Š
- High current c I-L J I-ōā Ūē I-yŔ K I-yŔ Šā KĀĒK Ūrl-yā Šyt current spi les
- AE / π ν η η η I j dz I-ŪŠ ŠŔ
- h LJ Š N I-ēzy ŪŠ Y LJ Š N I-Ūdz N Š π pp Ū 2 ħ m pp ° C Ūly Ūdz Ŕly ā Šē π ŪŠ Y LJ Š N I-Ūdz N Š N ā Š Ū
- v dz I-yē Ūē Y T p l LJ Ūā

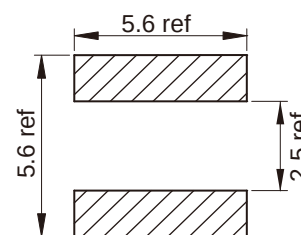
APPLICATION

- 5 / κ 5 / Ūzy ŪŠ N ŪŠ N ā T 2 N Šy ŪŠ N Ū I-ly Y Šy Ūy l I-Ūā I-ēzy āē ā ŪŠ Y ā
- Noise suppr āā Izy for motor āy Ūly Ŕā K I Šē wipers / power seats /
- L J 2 Ū Š N Y ā N N 2 N ā κ K Š I-ēzy I-yŔ ŪŠy ā I-ēzy Ūf 2 Ū Š N ā κ I L 5 Ūā K ēy
- [95 Ŕ N ā Ūērs

Dimensions: [mm]



Land Pattern: [mm]

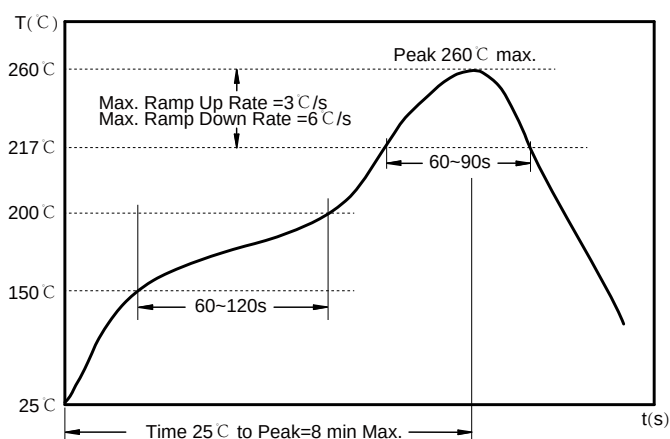


Electrical Properties:

	(μH)		(A)	(A)		(mΩ)
а 5ϕ ! слслпмвл а	мϕл	±20%	нпϕл	мсϕл	нмϕл	пϕпл
а 5ϕ ! слслпмвр а	мϕр	±20%	нлϕл	моϕр	мтϕр	сϕмл
а 5ϕ ! слслпнwn а	нϕн	±20%	мсϕр	ммϕл	мпϕл	уϕмл
а 5ϕ ! слслпоwо а	оϕо	±20%	моϕл	ϕϕл	мнϕл	мнϕол
а 5ϕ ! слслпнwt а	пϕт	±20%	млϕр	уϕр	ммϕл	мпϕпл
а 5ϕ ! слслпрws а	рϕс	±20%	ϕϕϕ	тϕс	млϕл	мрϕϕл
а 5ϕ ! слслпсwu а	сϕу	±20%	ϕϕн	тϕл	ϕϕл	нлϕул
а 5ϕ ! слслпуwn а	уϕн	±20%	уϕп	сϕл	уϕл	нсϕпл
а 5ϕ ! слслпмлл а	мл	±20%	тϕс	рϕл	тϕл	нϕфун
а 5ϕ ! слслпмрл а	мр	±20%	рϕу	пϕр	сϕл	поϕтр
MDTA6060-220M	22	±20%	рϕс	оϕу	рϕл	слϕсо

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.

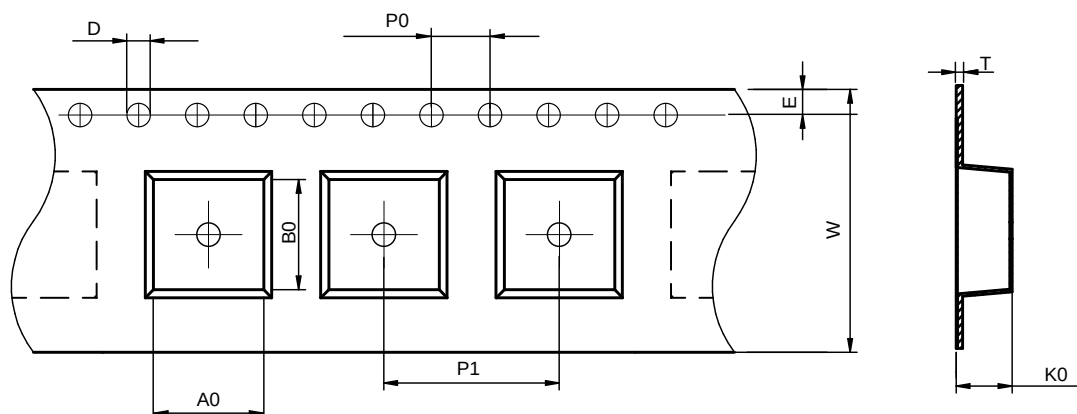
Max temperature: 260 °C .

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

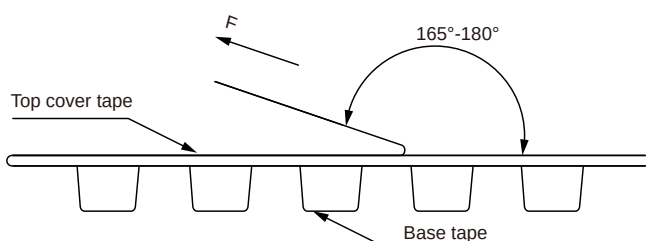
Packaging Information:

Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTA6060	7.0 ± 0.1	6.8 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	12.0 ± 0.1	16.0 ± 0.3	6.3 ± 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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