

MDTA Series

Flat Wire Molded Inductor

Size 1513



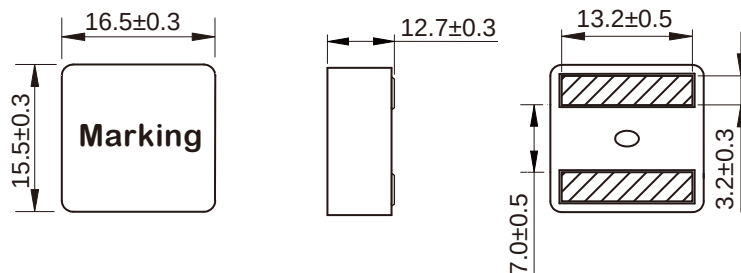
FEATURES

- Flat wire coil for low copper losses
- / 2Y LJ 2āzāŮŠ Ō2NŠ Y I-ŮŠNŮ I-f I-ft2 ōā KĀEK ā I-ŮdzN I-ə2Y ŌdzN NŠyŮā
- ±ŠNē f2 ō I-Ō2dzāō y2āš I-yŔ ŌŠNē f2 ō fŠ I-ŮŠ bdzE y2āš
- High curreyŧ c I-LJ I-ōŮŮē I-yŔ K I-yŔfŠā KĀEK Ůrl-yāŮŮt curreyŧ spiŮes
- AE / π ν η λ λ Ijdz I-fŮŠŔ
- h LJ ŠN I-əY ŮŠY LJ ŠN I-ŮdzN Š π pp Ů2 Ƨ mpp ° C Ůly ŌfdzŔŮy āŠf π ŮŠY LJ ŠN I-ŮdzN Š NŮāŠŮ
- v dz I-yōŮēY m λ λ LJ Ōā

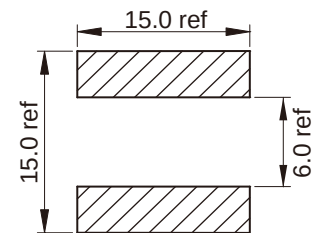
APPLICATION

- 5 / κ 5 / Ō2y ŌŠN ŮŠNā f2N Šy ŮŠN Ů I-ŮY Šy Ůky I-ŮŮ I-ə2Y āēāŮŠY ā
Noise supprŠāāŮ2Y for motorāY ōŮyŔāKŮŠŔ wipers / power seats /
LJ 2 ōŠN Y ŮN N 2Nā κ KŠ I-əY I-yŔ ŌŠy Ů I-ə2Y ōf2 ōŠNā κ I L5 fŮKəy
- [95 ŔNŮāŌers

Dimensions: [mm]



Land Pattern: [mm]



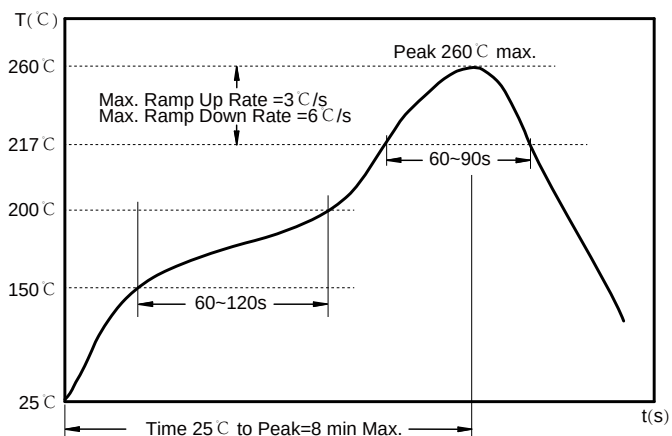
Electrical Properties:

a 5¢ ! мрмоппвт а	пфТ	±20%	ппфл	нофл	омфл	офол
a 5¢ ! мрмопрws а	рфс	±20%	плфл	ннфл	нффл	офл
a 5¢ ! мрмопсwu а	сфy	±20%	отфл	нмфл	нтфл	пфнл
a 5¢ ! мрмопуwn а	yфн	±20%	оофл	нлфл	нсфл	рфТП
a 5¢ ! мрмопмлл а	мл	±20%	олфл	мффл	нрфл	тфлл
a 5¢ ! мрмопмрл а	мр	±20%	нрфр	мсфл	ннфл	тфрл
a 5¢ ! мрмопнлл а	22	±20%	ннфл	мнфл	мтфл	мофус
a 5¢ ! мрмопоол а	оо	±20%	мффл	ффлл	мпфл	ннфнл

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.

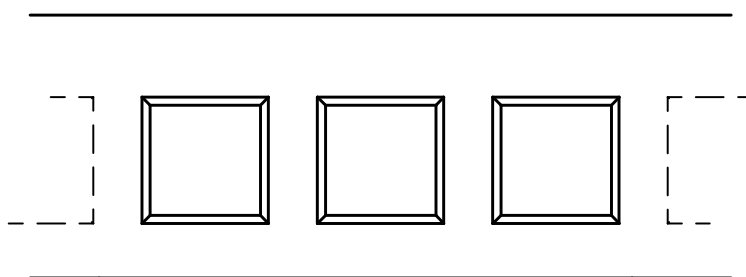
Max temperature: 260 °C .

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

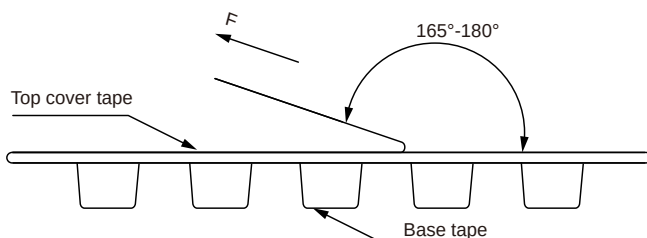
Packaging Information:

Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTA1513	17.0 ± 0.1	16.0 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	24.0 ± 0.1	32.0 ± 0.3	13.6 ± 0.1	1.75 ± 0.1	0.50 ± 0.05

Peel force of top cover tape:

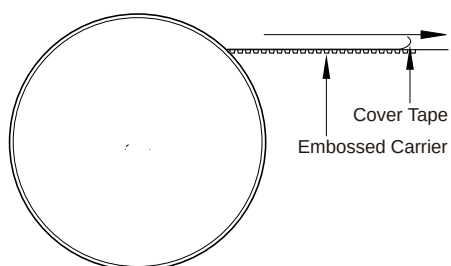


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

Marking	Printing Inductance)
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Reel Dimension: [mm]



Packaging Quantity: