Inductors Designed for Nationals' 150 KHz SIMPLE SWITCHER™

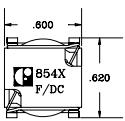
8540-8548

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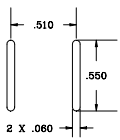
- Designed for use with National Semiconductor LM 259X series
- Compact size and low cost
- Meets flammability rating of UL 94V-0



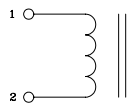
MECHANICAL AND SCHEMATIC (All dimensions in inches)

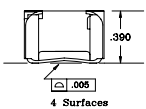


SUGGESTED PAD LAYOUT



SCHEMATIC







ELECTRICAL SPECIFICATION @ 25°C

Part Number	Nominal Inductance (µH)	Rated Current (Amps DC)	Nominal DCR (Ω)
8540	17	3.00	0.05
8541	24	2.74	0.07
8542	37	2.24	0.10
8543	53	1.87	0.13
8544	77	1.54	0.20
8545	112	1.26	0.30
8546	168	1.02	0.40
8547	248	0.83	0.60
8548	377	0.68	1.00

NOTES:
1. SIMPLE SWITCHER™ is a trademark of National Semiconductor Corporation.
2. Inductance values are ±20%.

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