

# High Current SMT Molded Powder Inductors



## Features and Benefits

- AEC-Q200 Certified
- Multiple Competitive Cross References
- Low Profile, High Current RWCs
- Low Cost Compact Form Factor
- High Energy Storage Density per unit Volume
- Shielded construction, Reduced Flux Leakage for better EMI
- Handles high transient current spikes without saturation
- Excellent temperature stability for inductance and Saturation
- Industry Standard Footprint
- Corrosion Resistant Surface
- Competitive Pricing

## Packing Quantity

2000, 1000, 500, 500, 300, 3000 Pcs / Reel



## New SMT Inductors Family Series

- |             |                        |   |
|-------------|------------------------|---|
| ▪ PA4340NLT | – 6.0 x 5.5 x 3.0 mm   | ↓ |
| ▪ PA4341NLT | – 7.6 x 6.9 x 3.0 mm   | ↓ |
| ▪ PA4342NLT | – 11.5 x 10.3 x 4.0 mm | ↓ |
| ▪ PA4343NLT | – 14.0 x 12.8 x 6.5 mm | ↓ |
| ▪ PA4344NLT | – 17.2 x 17.2 x 7.0 mm | ↓ |
| ▪ PA4345NLT | – 6.0 x 5.5 x 2.0 mm   | ↓ |

## Applications

- PDA/notebook/desktop/server applications
- DC/DC Converters in distributed power systems
- DC/DC Converters for FPGA
- Low profile, high current power supplies
- Battery powered devices
- Lighting
- Digital Audio/Video
- Computing

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**Multiple Competitive Cross References to**  
 Vishay, Coilcraft, Würth, Bourns, Sumida, TDK, Eaton, Renco,  
 Toko, Delta, Cynotec, and Chilisin

**Pulse Electronics PA434xNLT Series Cross Reference List to Vishay IHLF Series**

Pulse Electronics	Vishay	PA4342.682NLT	IHLF4040DZER6R8M01
PA4340.101NLT	IHLF2020CZERR10M01	PA4342.103NLT	IHLF4040DZER100M01
PA4340.221NLT	IHLF2020CZERR22M01	PA4343.151NLT	IHLF5050FDERR15M01
PA4340.331NLT	IHLF2020CZERR33M01	PA4343.221NLT	IHLF5050FDERR22M01
PA4340.471NLT	IHLF2020CZERR47M01	PA4343.301NLT	IHLF5050FDERR30M01
PA4340.681NLT	IHLF2020CZERR68M01	PA4343.331NLT	IHLF5050FDERR33M01
PA4340.102NLT	IHLF2020CZER1R0M01	PA4343.401NLT	IHLF5050FDERR40M01
PA4340.152NLT	IHLF2020CZER1R5M01	PA4343.471NLT	IHLF5050FDERR47M01
PA4340.222NLT	IHLF2020CZER2R2M01	PA4343.561NLT	IHLF5050FDERR56M01
PA4340.332NLT	IHLF2020CZER3R3M01	PA4343.681NLT	IHLF5050FDERR68M01
PA4340.472NLT	IHLF2020CZER4R7M01	PA4343.821NLT	IHLF5050FDERR82M01
PA4340.562NLT	IHLF2020CZER5R6M01	PA4343.102NLT	IHLF5050FDER1R0M01
PA4340.103NLT	IHLF2020CZER100M01	PA4343.142NLT	IHLF5050FDER1R2M01
PA4340.153NLT	IHLF2020CZER150M01	PA4343.152NLT	IHLF5050FDER1R5M01
PA4341.101NLT	IHLF2525CZERR10M01	PA4343.182NLT	IHLF5050FDER1R8M01
PA4341.151NLT	IHLF2525CZERR15M01	PA4343.222NLT	IHLF5050FDER2R2M01
PA4341.201NLT	IHLF2525CZERR20M01	PA4343.332NLT	IHLF5050FDER3R3M01
PA4341.221NLT	IHLF2525CZERR22M01	PA4343.472NLT	IHLF5050FDER4R7M01
PA4341.331NLT	IHLF2525CZERR33M01	PA4343.562NLT	IHLF5050FDER5R6M01
PA4341.471NLT	IHLF2525CZERR47M01	PA4343.682NLT	IHLF5050FDER6R8M01
PA4341.681NLT	IHLF2525CZERR68M01	PA4343.822NLT	IHLF5050FDER8R2M01
PA4341.821NLT	IHLF2525CZERR82M01	PA4343.103NLT	IHLF5050FDER100M01
PA4341.102NLT	IHLF2525CZER1R0M01	PA4344.102NLT	IHLF6767GZER1R0M01
PA4341.152NLT	IHLF2525CZER1R5M01	PA4344.152NLT	IHLF6767GZER1R5M01
PA4341.222NLT	IHLF2525CZER2R2M01	PA4344.222NLT	IHLF6767GZER2R2M01
PA4341.332NLT	IHLF2525CZER3R3M01	PA4344.332NLT	IHLF6767GZER3R3M01
PA4341.472NLT	IHLF2525CZER4R7M01	PA4344.472NLT	IHLF6767GZER4R7M01
PA4341.682NLT	IHLF2525CZER6R8M01	PA4344.562NLT	IHLF6767GZER5R6M01
PA4341.822NLT	IHLF2525CZER8R2M01	PA4344.682NLT	IHLF6767GZER6R8M01
PA4341.103NLT	IHLF2525CZER100M01	PA4344.822NLT	IHLF6767GZER8R2M01
PA4342.221NLT	IHLF4040DZERR19M01	PA4344.103NLT	IHLF6767GZER100M01
PA4342.361NLT	IHLF4040DZERR36M01	PA4344.153NLT	IHLF6767GZER150M01
PA4342.561NLT	IHLF4040DZERR56M01	PA4344.223NLT	IHLF6767GZER220M01
PA4342.102NLT	IHLF4040DZER1R0M01	PA4345.101NLT	IHLF2020BZERR10M01
PA4342.152NLT	IHLF4040DZER1R5M01	PA4345.221NLT	IHLF2020BZERR22M01
PA4342.222NLT	IHLF4040DZER2R2M01	PA4345.331NLT	IHLF2020BZERR33M01
PA4342.332NLT	IHLF4040DZER3R3M01	PA4345.471NLT	IHLF2020BZERR47M01
PA4342.472NLT	IHLF4040DZER4R7M01	PA4345.681NLT	IHLF2020BZERR68M01
PA4342.562NLT	IHLF4040DZER5R6M01	PA4345.102NLT	IHLF2020BZER1R0M01

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