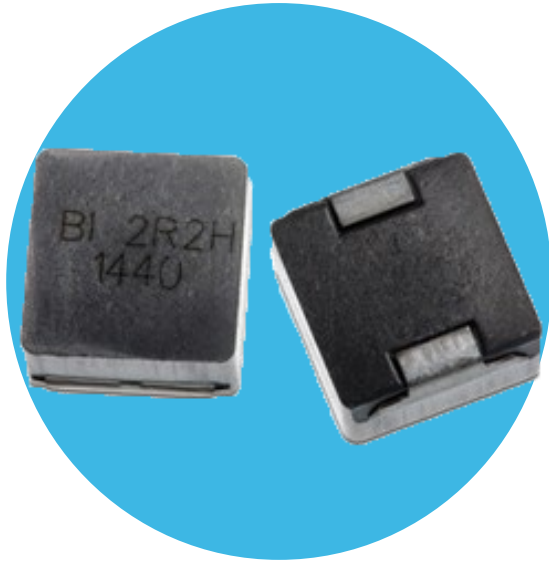


High Power High Performance Power Inductors / Surface Mount Inductors



TT Electronics' power inductors to compete with Vishay's IHLP.

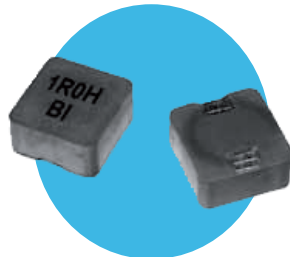
Sample kits available!

AEC-Q200 Certified

HM/HA72

Molded Inductor

HM72B (+130°C)
HM/HA72E (+155°C)
HA72T (+180°C)



- Operating temperature range starting at -40°C
- Operating frequency up to 3MHz
- Washable
- No horizontal fracturing
- Corrosion resistant
- RoHS Compliant

HM/HA73

Power Inductor

HM/HA73E



- Extended temperature applications -55°C to +155°C
- Magnetically Shielded
- Washable
- RoHS Compliant



Competitive Cross Reference

TT Electronics product series	Vishay product series
HM72B-06 HA/HM72E-06 HA72T-06	IHLP-2525CZ and IHLM-2525CZ
HA/HM73E-10	IHLP-4040DZ
HM72B-12 HA/HM72E-12	IHLP-5050CE, IHLP-5050EZ and IHLP-5050FD




High Power High Performance Power Inductors / Surface Mount Inductors



Product Selector Guide

Model Number		Surface Mount Inductors			Inductance μH	Saturation Current @ 25°C	DC Resistance Ω Max
		Size Mm Max					
		L	W	Ht			
HM72B/ HM72E/ HA72E 	HM72B-06XXXLF	7.30	6.80	3.00	0.1 - 33	3.5 - 60	1.7m - 332m
	HM72B-12XXXHLF	13.70	13.00	6.50	1 - 20	12 - 51	2.6m - 40.5m
	HM72E-06XXXLF	7.30	6.80	3.00	0.1 - 33	2.5 - 45	1.7m - 332m
	HA72E-06XXXLF	7.30	6.80	3.00	0.1 - 33	2.5 - 45	1.7m - 332m
	HM72E-12XXXLF	13.70	13.00	6.50	0.68 - 20	8 - 35	1.4m - 37m
	HA72E-12XXXLF	13.70	13.00	6.50	0.68 - 20	8 - 35	1.4m - 37m
HM73E/ HA73E 	HM73E-10XXXLF	11.50	10.50	5.9	0.22 - 4.7	15 - 65	1m - 16.5m
	HA73E-10XXXLF	11.50	10.50	5.9	0.22 - 4.7	15 - 65	1m - 16.5m

TT Electronics' Magnetics Product Line Capabilities

Product / Technology	Applications	Features	Benefits
Power inductors 	<ul style="list-style-type: none"> Power modules LED drivers Engine controls Renewable energy inverters Power factor correction 	<ul style="list-style-type: none"> Wide range of inductances & package sizes High current applications to 120A High temperature applications to 220°C 	<ul style="list-style-type: none"> High power density for miniaturization Low power losses Harsh environment capability
Common mode chokes 	<ul style="list-style-type: none"> Electric power steering Telecommunication BMS EMI modules 	<ul style="list-style-type: none"> Wideband performance Low insertion losses Variety of package sizes 	<ul style="list-style-type: none"> High performance Very rugged and reliable
Transformers 	<ul style="list-style-type: none"> Flyback, forward and other isolated controller topologies Accurate current-sense transformers Gate-drive timing Renewable energy inverters 	<ul style="list-style-type: none"> Standard packages & custom designs Isolation voltages to 4200Vac Power levels to 3k Watts Reinforced isolation available 	<ul style="list-style-type: none"> High power density Lower power losses Harsh environment capability Cost effective solutions

TT Electronics is a global provider of engineered electronics for performance critical applications.

Our magnetic components, under the BI Technologies brand, have been used in numerous applications since we introduced our initial range of wound transformers and inductors to the power conversion market in 1987. Our current range of magnetic components includes both power and signal products. We offer a range of transformers, inductors and chokes for applications in transportation and industrial fields.

www.ttelectronics.com/magnetic-components
magsales@ttelectronics.com