

AEC-Q200 Qualified Magnetic Components



Magnetics

Product	Series	Description	Product Image	Datasheet
HA55	HA55	Low Power Shielded Inductor		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA55.pdf
HA65A-2525XXXLF	HA65A	Surface Mount ER core High Current Power Inductor		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA65A.pdf
HA72E-06XXXLF	HA72E	Surface Mount Custom X-Core High Power High Performance Molded Surface Mount Inductor		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA72E-06.pdf
HA72E-12XXXLF	HA72E	Surface Mount Custom X-Core High Power High Performance Molded Surface Mount Inductor		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA72E-12.pdf
HA72T-06	HA72-T	High Power High Performance Molded Surface Mount Inductors		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA72T.pdf
HA78D-128XXXLF	HA78D-128	Shielded Surface Mount Coupled Inductors		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA78D.pdf
HA78D-L128XXXLF	HA78D-L128	Shielded Surface Mount Coupled Inductors		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA78D-L128XXXLFTR%20Rev%20A%20FINAL.pdf

General Note




TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

www.ttelectronics.com/magnetic-components

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HA73E-10	HA73	Shielded Surface Mount Inductors		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/Datasheet_HA73E.pdf
HA78-XXXXLFL	HA78	Shielded Surface Mount Inductors		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA78.pdf
HA00-14013LFTR	HA00-14013	High Voltage Isolation Flyback Transformers		http://www.ttelectronics.com/themes/ttelectronics/datasheets/magnetics/HA00-14013LFTR.pdf



Grade 0 (Automotive Grade -50°C to 155°C certified)

	Model	Product Category	Core shape	Inductance (H)	Rated Current (A)	DC Resistance (Ω)
	HA72-T	Power Inductors - SMD Shielded	Custom X core	0.1 - 33	1.8 - 26.2	1.7m - 332m
	HA78D-128	Power Inductors - SMD Shielded	Drum and Sleeve	4.7 - 4800	0.3 - 7.4	19m - 5.66
	HA78D-L128	Power Inductors - SMD Shielded	Drum and Sleeve	10μ - 47μ	2.05 - 3.62	58m - 180m (single winding)
	HA73E	Power Inductors - SMD Shielded	ER + I Core	0.22μ - 4.7μ	15 - 65	1m - 16.5m
	HA72E-06	Power Inductors - SMD Shielded	Custom X-Core	0.1 - 33	1.8 - 26.2	1.7m - 332m
	HA72E-12	Power Inductors - SMD Shielded	Custom X-Core	0.68 - 20	5.0 - 35.0	1.6m - 40.5m

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Grade 1 (Automotive Grade -40°C to 125°C certified)

	Model	Product Category	Core shape	Inductance (H)	Rated Current (A)	DC Resistance (Ω)
	HA55	Power Inductors - TH Shielded	ER	7μ - 50μ	26 - 41	2m - 8.35m
	HA65A	Power Inductors - SMD Shielded	EI	3.3 - 33	10.3 - 87	2.3m - 2.6m
	HA78	Power Inductors - SMD Shielded	DR w/Shield	10 - 68	0.42 - 1	80m - 520m
	HA00-14013	High Voltage Isolation Flyback Transformer	ER	51μ - 69μ	n/a	450m

General Note

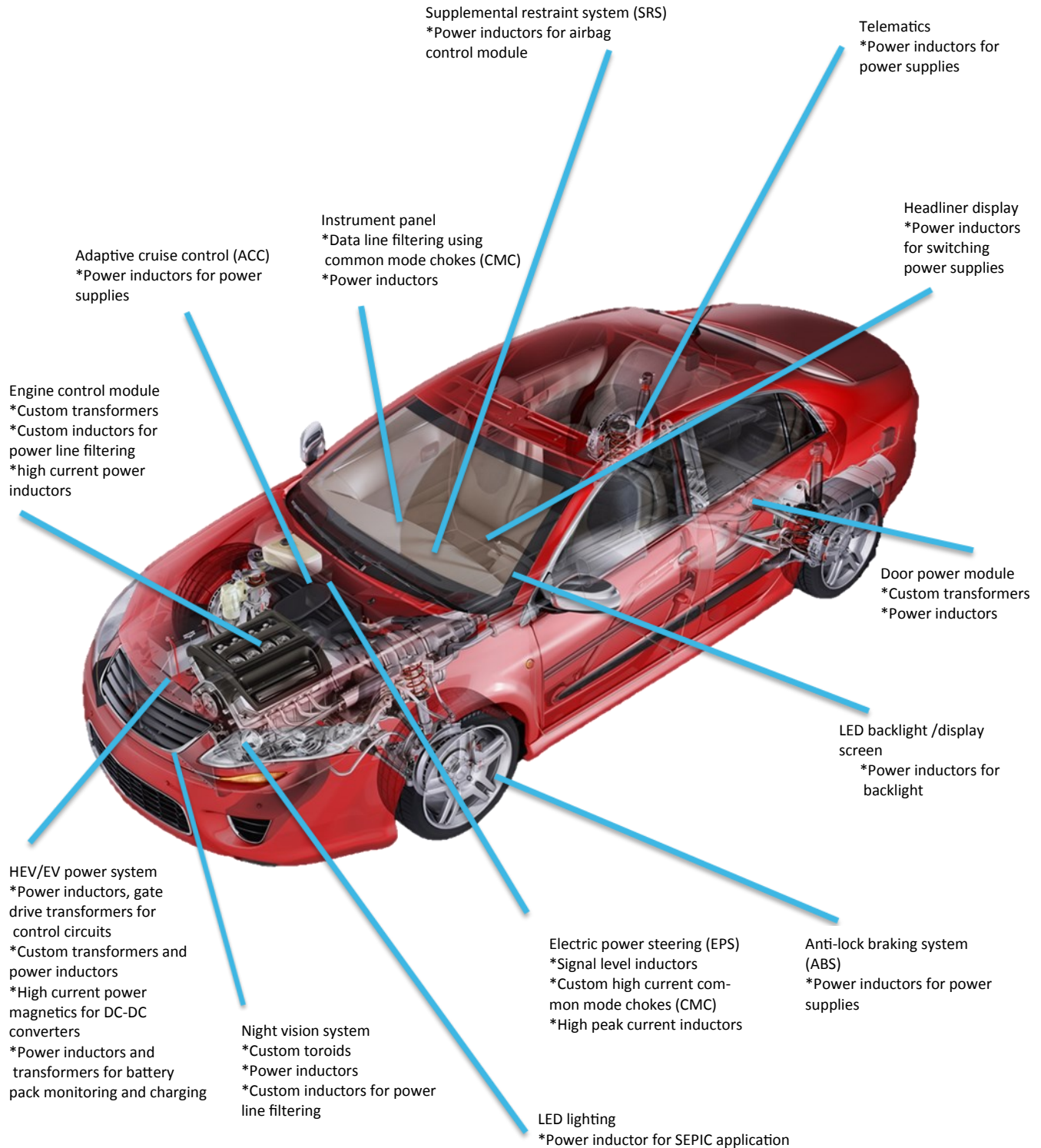
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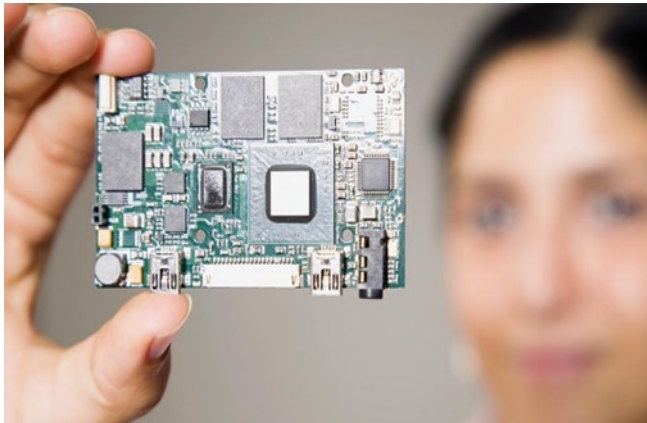


Magnetics

About us

A global provider of engineered electronics for performance critical applications. We have years of experience and expertise in engineering and delivering electronics for applications in the harshest environments across industrial, transportation, aerospace, defence and medical markets.

We work hard to develop strong long-term relationships with our customers, many of which are global leaders, working on cutting - edge innovation in some of the fastest growing markets in the global economy.



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Further information

For background information on the Automotive Electronics Council and to view the standards and test methods see: <http://www.aecouncil.com>

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