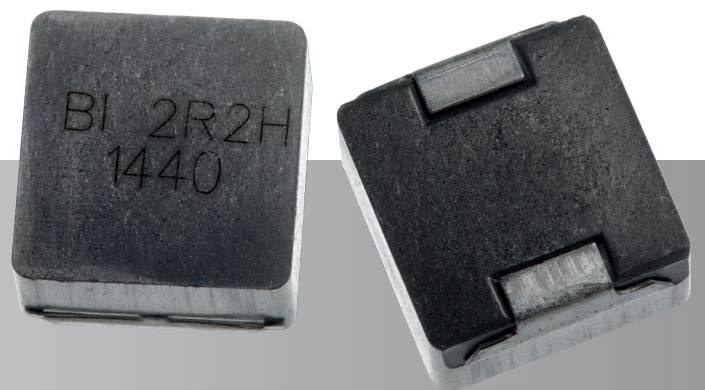


Product Data Short Form

Magnetic Components



TT Electronics is 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.

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.

We have dedicated engineering teams providing custom solutions and we offer a range of accreditations from our fully owned manufacturing facility in Kuantan:

ISO14001:2015

OHSAS 18001:2007

ISO13485:2016

ISO9001:2015

IATF16949

AS9100D

RoHS directive

REACH Directive

Conflict Mineral Policy

This short form catalogue provides an overview of our products and capabilities. We specialise in servicing and working directly with our customers to develop customised solutions to tackle individual product needs and requirements.



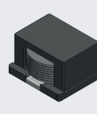




BI Technologies

Please contact us at magsales@ttelelectronics.com



 All parts are Pb-free and comply with EU RoHS Directive 2011/65/EU with amendment (EU) 2015/863 (RoHS 3)

Automotive




AEC-Q200 Certified


							
Model	HA19 EPS Common Mode Choke	HA42A Gate Drive Trans- former	HA65A High Current Flatwire	HA55 High Efficiency, Hi Temp	HM53E High Temperature Toroidal	HA66 Shielded SMD Induc- tors	HA72L Molded SMD Induc- tors
Package Sizes	23x13, 27x15, 29x15	9x6	26X26mm	22x23x17, 30x23x17, 36x23x17, 45x23x17mm	22x11x22mm	5x5, 6x6	4x4, 5x5, 6x7, 10x11, 12x13, 17x18
Inductance Range	11µH to 84.6µH	433µH to 1667µH	3.3µH to 33uH	7µH to 50 µH	10.4µH to 89.7µH	2.5µH to 220µH	0.10µH to 100µH
DC Resistance Range	1mΩ to 1.70mΩ	78mOhm - 350mOhm	2.6 mOhms	2.0mOhms to 8.35mOhms	8.32mOhms to 30.81 mOhms	18mΩ to 820mΩ	0.47mΩ to 282mΩ
Peak Current Rating	26.5A to 44A	500Vdc	10.3A to 87A	26A to 41A	2.1A to 10.5A	1.4A - 11.2A	2A to 80A
Operating Frequency	-	20kHz to 300kHz	to 3MHz	to 400kHz	3MHz to 200kHz	up to 3MHz	up to 3MHz
Core Type	Toroid	Toroid	Shielded Ferrite	Shielded Powdered Iron	MPP Toroid	Drum Sleeve	Alloy Powder
Operating Case Temp. Range	-40°C to +125°C	-40°C to +125°C	-40° C to +155° C	-40° C to +155° C	-40° C to +220° C	-40°C to +125°C	-55°C to +155°C
Packaging Options	Tray	Tape & Reel	Tape & Reel	Bulk	Tray	Tape & Reel	Tape & Reel



AEC-Q200 Certified



							
Model	HA72T High Power Molded Hi Temp	HA73E Shielded SMD Inductors	HA74 Low Profile SMD Inductors	HA78 Shielded Surface Mount Inductors	HA78M SMD Inductor	HA78D/HA78DM Shielded SMD Coupled Inductors	HA86A Gate Drive Transformer
Package Sizes	6 x 6	10.5x11.5x5.9	5x5	7x7, 12x12mm	7x7,12x12	12x12	9x5
Inductance Range	0.1µH to 33µH	0.22µH to 4.7µH	3.76µH to 39.6µH	1.4µH to 1800µH	1.0µH to 1000µH	4.7µH to 4800µH	50µH to 368µH
DC Resistance Range	1.7mOhms to 332 mΩ	0.8mΩ to 16.5mΩ	60mΩ to 470mΩ	7 mOhms to 6.5Ω	5.5mΩ to 5730mΩ	0.014Ω to 5.66Ω	0.033 to 0.35Ω
Peak Current Rating	1.8A to 26.2A	8.1A to 39.0A	1.2A to 2.9A	0.20A to 10A	0.10A to 15.0A	0.56A to 14.90A	500Vdc, 3750Vac
Operating Frequency	up to 3MHz	up to 400kHz	up to 3MHz	up to 3MHz	up to 3MHz	up to 3MHz	20kHz to 300kHz
Core Type	Shielded Molded Alloy Powder	Shielded Iron Powder	Metal Alloy	Shielded Ferrite	Shielded Ferrite	Shielded Ferrite	Toroid
Operating Case Temp. Range	-55° C to +180° C	-50° C to +155° C	-50°C to +155°C	-40° C to +125° C	-55°C to +155°C	-50°C to +155°C	-40°C to +125°C
Packaging Options	Tape and Reel	Tape & Reel	Tape & Reel	Tape & Reel	Tape & Reel	Tape & Reel	Tape & Reel

Automotive Product Selector Guide

Surface Mount Inductors																						
Model Number		Size mm Max.			Inductance μ H				Saturation Current @ 25C ambient		DC Resistance Ω Max.											
		L	W	Ht	0.001	0.01	0.1	1	10	100	1000	10000	0.01	0.1	1	10	100	0.1m	1m	10m	100m	1
HA65A	 HA65A-2515XXXLF	26.5	26.5	15.5	3.3 33				10.3A - 87A		2.6m											
HA66	HA66-530XXXLF	5.7	5.7	3.0	2.5 100				0.52 3.4		18m 520m											
	HA66-640XXXLF	6.7	6.7	4.0	3.3 220				0.55 4.4		20m 820m											
HA72T	 HA72T-06XXXLF	7.30	6.80	3.00	0.1 33				2.5A 45A		1.7m 302m											
HA72L	HA72L-0420XXXLFTR	4.0	4.5	2.0	0.10 10.0				2.2 22		3.5m 256m											
	HA72L-0530XXXLFTR	5.2	5.4	3.0	0.20 10.0				3.5 14.5		3.5m 110m											
	HA72L-0624XXXLFTR	6.6	7.1	2.4	0.10 10.0				6.0 50		1.5m 115.6m											
	HA72L-0630XXXLFTR	6.6	7.1	3.0	0.10 33.0				2.0 60		1.5m 144m											
	HA72L-1040XXXLFTR	10.0	11.5	4.0	0.19 100				2.25 46.0		0.7m 249m											
	HA72L-1050XXXLFTR	10.0	11.5	5.0	0.30 15				8.0 50.0		0.6m 29.3m											
	HA72L-1250XXXLFTR	12.8	13.5	5.0	0.10 47.0				4.0 80.0		0.53m 138m											
	HA72L-1265XXXLFTR	12.8	13.5	6.5	0.10 68.0				3.5 80.0		0.47m 122m											
HA72L-1770XXXLFTR	17.2	18.0	7.0	0.82 100				4.0 45.0		0.98m 105m												
HA73E	 HA73E-10XXXLFTR13	11.5	10.50	5.90	0.22-4.7m				20 95		1.0 16.5											
HA78	HA78-10XXXLF	7.40	7.40	3.80	10 68				0.42 1		80m 520m											
	HA78-20XXXLF	7.40	7.40	5.20	10 270				0.31 1.65		55m 1.25											
	HA78-30XXXLF	7.50	7.50	3.50	10 1000				0.16 1.68		72m 6.50											
	HA78-40XXXLF	7.50	7.50	4.50	10 820				0.20 2		55m 5.20											
	HA78-45XXXLF	12.50	12.50	4.50	3.9 330				0.50 6.50		15m 990m											
	HA78-50XXXLF	12.50	12.50	6.20	1.5 1800				0.30 13		12m 3.20											
HA78D	HA78D-60XXXLF	12.50	12.50	8.00	1.4 220				1.2 12		7m 370m											
	HA78D-L128XXXLFTR	12.5	12.5	8.0	4.7 4800				0.56 14.9		19m 5.66											
HA78M	HA78D-L128XXXLFTR	12.5	12.5	8.0	10 188				4.6 10.66		29m 360m											
	HA78M-10XXXLFTR	7.3	7.3	4.0	1.5 680				0.19 4.5		18.5m 5730m											
	HA78M-20XXXLFTR	7.3	7.3	4.5	1.0 680				0.22 8.0		15.0m 4630m											
	HA78M-30XXXLFTR	12.5	12.5	5.0	1.5 470				0.5 7.0		8.0m 1580m											
HA78DM	HA78M-50XXXLFTR	12.5	12.5	10.0	1.0 1000				0.7 19.9		5.5m 1220m											
	HA78DM-128XXXLFTR	12.5	12.5	8.05	4.7 400				1.7 14.9		19m 600											
HA79M	HA78DM-1210XXXLFTR	12.5	12.5	10.5	4.7 1880				0.61 10.6		14m 2280m											
	HM79M-10XXXLFTR	4.0	4.5	3.5	1.0 1000				0.12 4.5		13m 14											
	HM79M-20XXXLFTR	5.2	5.8	4.8	0.47 1000				0.26 9.5		7m 5.6											
HA79M	HM79M-60XXXLFTR	9	10	6	1.5 1000				0.40 12.0		7m 3.0											

Common Mode Chokes																		
Model Number		Size mm Max.			Inductance mH Min				Rated Current A		DC Resistance Ω Max.							
		L	W	Ht	0.01	1	10	100	0.01	0.1	1	10	100	0.1m	1m	10m	100m	1
HA19		HA19-10000LF	29.4	15.5	26.4	75.0				26.5		1.7						
		HA19-20000LF	29.4	15.5	26.4	75.0				28.0		1.3						
		HA19-30000LF	23.0	13.0	20.5	11				44.0		1.0						
		HA19-40000LF	27.0	15.5	25.0	84.6				28.5		1.4						

Gate Drive Transformers																		
Model Number		Size mm Max.			Inductance mH Min.				Rated Current A		Primary DC Resistance Ω Max.		Secondary DC Resistance Ω Max.					
		L	W	Ht	0.01	1	10	100	1000	0.01	1	10	100	1000	1m	10m	100m	1
HA42A		HA42A-20XXXLFTR	6.7	9.6	4.1	433-1667				-		180m 350m		180m 350m				
		HA42A-20XXXLFTR	6.7	9.6	4.1	433-1667				-		180m 350m		90m 180m				
HA86A		HA86A-10XXXLFTR	5.2	9.1	3.55	50 368				-		100m 350m		100m 350m				
		HA86A-20XXXLFTR	5.2	9.1	3.55	50 125				-		200m 250m		200m 250m				

Through Hole Inductors																						
Model Number		Size mm Max.			Inductance μ H				Rated Current @ 25C ambient		DC Resistance Ω Max.											
		L	W	Ht	0.001	0.01	0.1	1	10	100	1000	10000	0.01	0.1	1	10	100	0.1m	1m	10m	100m	1
HM53E		HM53E-2211XXXVLF	22	11	22	10.4 89.7				2.1A 10.5A		8.32m 30.81m										
HA55		HA55-2223XXXLF	22	23	17	7.0				40A		2m										
		HA55L-2223XXXLF	22	23	17	8.83				41A		2m										
		HA55-3023XXXLF	30	23	17	11.5 13.0				37A- 39A		2.76m 3.25m										
		HA55L-3023XXXLF	30	23	17	13.5 16.3				37A- 39A		2.76m 3.25m										
		HA55-3623XXXLF	36	23	17	20				33A		3.85m										
		HA55L-3623XXXLF	36	23	17	22 40				26A- 34A		3.85m 6.20m										
		HA55L-4523XXXLF	45	23	17	50				32A		8.35m										

High Current Through-Hole Inductors



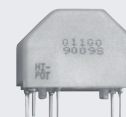
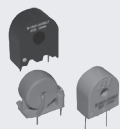
Model	HM11 Vertical Mount Inductors	HM15 Encapsulated Inductors	HM50 Axially Leaded Inductors
Package Sizes	various	17.7x12.7 & 17.7x17.7	16x7.5
Inductance Range	0.19μH to 34μH	150μH to 1000μH	3.9μH to 18mH
DC Resistance Range	0.76mΩ to 43mΩ	0.36Ω to 2.40Ω	0.019Ω to 48.3Ω
Peak Current Rating	5.5A to 37.0A	0.50A to 1.70A	0.07A to 3.60A
Operating Frequency	up to 1MHz	up to 200kHz	up to 1MHz
Core Type	Rod Core	Iron Powder Core	Drum Core
Operating Case Temp. Range	-40°C to +105°C	-40°C to +105°C	-55°C to +105°C
Packaging Options	Tray	Tray	Bulk

High Current Through-Hole Inductors



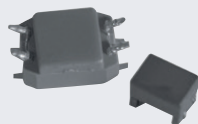
Model	HM51 Axially Leaded Inductors	HM53 Toroidal Inductors	HM55 Shielded Compact Drum
Package Sizes	23x12.5	various	7.5-13.8x7.5-13.5x7.5-13.5mm
Inductance Range	3.9μH to 10mH	1.23μH to 1000.4μH	0.28μH to 5.6 μH
DC Resistance Range	7mΩ to 7.30Ω	2.5mΩ to 679.4mΩ	0.7mOhms to 7.7mOhms
Peak Current Rating	0.26A to 8.4A	1.9A to 29.5A	9A to 40A
Operating Frequency	up to 1MHz	up to 400kHz	to 400kHz
Core Type	Drum Core	Toroid	Shielded Powdered Iron
Operating Case Temp. Range	-55°C to +105°C	-40°C to +125°C	-40° C to +155° C
Packaging Options	Bulk	Tray	Tray

Transformers










Model	HM31 Encapsulated	HM33 Surface Mount	HM41 Encapsulated Toroidal
Industry Style	Current Sense	Current Sense	Gate Drive
Inductance Range	1.3mH to 85mH	180 μ H to 3,000 μ H	140 μ H to 830 μ H
Turns Ratio	1:25:25 to 1:200	1:30 to 1:125	1:0.67 to 1:2
Operating Frequency	-	20KHz plus	20KHz to 300KHz
DC Resistance Range	0.7 Ω to 4.5 Ω	1.0 Ω to 7.36 Ω	0.06 Ω to 0.156 Ω
Core Type	Toroid	EE	Toroid
Operating Case Temp. Range	-25°C to +105°C	-40°C to +130°C	-25°C to +85°C
Packaging Options	Bulk	Tape & Reel	Bulk








Common Mode Chokes





Model	HM67 Compact Toroidal	HM85 Horizontal	HM28 Vertical
Package Sizes	2x3, 3x5, 6x9mm	12x14 to 18x19mm	22x22x23, 22x17x23, 26x26x24, 30x30x25, 25x19x32, 30.5x22.5x36, 36.5x25x43mm
Inductance Range	5 μ H to 4700 μ H	150 μ H to 22mH	0.45mH to 120mH
DC Resistance Range	100 m Ω to 1.2 Ω	10 m Ω to 850 m Ω	80 m Ω to 2.7 Ω
Peak Current Rating	200mA to 1A	500mA to 5.6A	0.5A to 4.0A
Withstanding Voltage	125 to 300vdc	-	1500Vac
Core Type	Ferrite	Ferrite Toroid	Ferrite Buckle
Operating Case Temp. Range	-40° C to +125° C	-40° C to +125° C	-40° C to +130° C
Packaging Options	Tape & Reel	Tape & Reel	Bulk

Product Selector Guide


Model Number		Size mm Max.			Inductance μ H		Saturation Current @ 25C ambient		DC Resistance Ω Max.					
		L	W	Ht	Inductance μ H		Saturation Current @ 25C ambient		DC Resistance Ω Max.					
					0.001	0.01	0.1	1	10	100	1000	10000	0.01	0.1
HM65 	HM65-HXXXLF	13.50	12.50	5.60/6.00	1.0	7.2	7.8	20	2.5m	13.5m				
	HM65-XXXLF	13.50	12.50	5.60	1.5	10	5.0	14	2.5m	13.5m				
	HM65-PXXXLF	13.50	12.50	6.00	1.0	2.5	10	20	2.5m	3.4m				
	HM65-MXXXLF	10.40	10.40	5.60	0.5	2.5	12	29	2.2m	6m				
HM66 	HM66-15XXXLF	4.30	4.30	1.85	1.5	33	0.32	1.55	55m	675m				
	HM66-20XXXLF	5.20	5.20	2.10	1.0	39	0.30	1.72	45m	709m				
	HM66-30XXXLF	5.20	5.20	3.00	1.2	180	0.22	2.56	23.6m	1.540				
	HM66-40XXXLF	6.20	6.20	2.00	4.1	100	0.36	1.95	57m	1.200				
	HM66-50XXXLF	6.20	6.20	3.00	2.5	100	0.42	2.60	18m	520m				
	HM66-60XXXLF	7.20	7.20	3.00	3.0	100	0.54	3.00	24m	535m				
	HM66-70XXXLF	7.20	7.20	4.00	3.3	220	0.45	3.50	20m	820m				
	HM66-80XXXLF	10.50	10.70	4.00	1.5	1000	0.33	10.00	8.10m	2.853				
HM66A 	HM66A-1030XXXNLF	10.4	10.3	3.0	10	150	0.70	2.70	58.1m	876.3m				
	HM66A-1050XXXNLF	10.4	10.3	5.0	1.5	1000	0.35	8.3	5.8m	1.9464				
HM66M 	HM66M-60XXXLFTR	6.7	6.7	3.0	1.2	680	0.20	3.50	14m	5150m				
	HM66M-70XXXLFTR	6.7	6.7	4.0	3.3	680	0.25	3.50	20m	3200m				
	HM66M-84XXXLFTR	10.0	10.0	4.1	1.0	120	1.18	10.50	7.5m	4050m				
HM69D 	HM69D-10XXXLFTR	8.2	6.8	4.5	0.05	0.20		62		0.34m-1.35m				
	HM69D-30XXXLFTR	14.0	13.2	7.0	0.10	0.66		19	105	0.22m-0.90m				
HM71 	HM71-10XXXLF	6.60	4.45	2.92	1	1000	0.07	2.9	50m	13.8				
	HM71-20XXXLF	12.95	9.40	3.00	10	1000	0.05	2.0	110m	8.4				
	HM71-30XXXLF	12.95	9.40	5.40	1	1000	0.3	6.8	9m	3				
	HM71-40XXXLF	12.95	9.40	11.43	10	1000	0.1	3.5	40m	2				
	HM71-50XXXLF	18.54	15.24	7.11	1	1000	0.56	8.6	9m	1.8				
HM72L 	HM72L-0412XXXLFTR	4.2	4.4	1.2	0.33	2.2	3.5	8.4	17m	79.4m				
	HM72L-0420XXXLFTR	4.0	4.5	2.0	0.10	10	2.2	22	3.5m	256m				
	HM72L-0530XXXLFTR	5.2	5.4	3.0	0.20	10	3.5	14.5	3.5m	110m				
	HM72L-0624XXXLFTR	6.6	7.1	2.4	0.10	10	6.0	50	1.5m	115.6m				
	HM72L-0630XXXLFTR	6.6	7.1	3.0	0.10	10	7.0	60	1.5m	102m				
	HM72L-1040XXXLFTR	10.0	11.5	4.0	0.19	3.3	11.0	44.0	0.5m	8.2m				

Surface Mount Inductors																											
Model Number		Size mm Max.			Inductance μH				Saturation Current @ 25C ambient		DC Resistance Ω Max.																
		L	W	Ht	0.001	0.01	0.1	1	10	100	1000	10000	0.01	0.1	1	10	100	0.1m	1m	10m	100m	1	10	100			
HM73		HM73-10XXXLF	7.50	6.90	3.50/5.00	0.1			6.4				3.5		22			1.65m				30m					
		HM73-10XXXLF	7.23	6.73	3.15/3.20	0.1			1.0				6		22			1.40m				8.8m					
		HM73-12XXXLF	7.50	6.73	5.00				0.68							16							3.2m				
		HM73-S12XXXLF	7.50	6.73	4.50				1.0				1.0		6		10		4m				7.3m				
		HM73-15XXXLF	11.70	10.50	4.00/7.30	0.108			4.7					8		30		0.70m					5.00m				
		HM73-S15XXXLF	11.70	10.50	4.50				2.1							11							7.8m				
		HM73-20XXXLF	13.50	13.00	4.50				1.0				1.0		13		16		3.30m				4.40m				
		HM73-30XXXLF	14.00	13.00	5.50				0.6				0.6		9		27		1.25m				8.30m				
		HM73-31XXXLF	13.00	13.00	5.00				6.4				6.4		5.6		6.50						25.0m			26.0m	
		HM73-40XXXLF	14.60	13.00	6.50/7.00	0.15			3.3				0.15		15		40		0.55m				4.70m				
		HM73-50XXXLF	13.50	13.00	7.50/9.00				9.1				9.1		4.5		8		10.8m				25.2m				
HM73-60XXXLF	15.00	13.00	7.30/8.20				1.0				1.0		20		30		1.2m				2.22m						
HA74		HA74-05XXLFTR	5.0	5.0	2.1				4.7			4.7		2.90			74m				440m						
HM76		HM76-10XXJLF	7.30	4.78	3.23				1.0			1.0		2.90			30m				11.55						
		HM76-20XXJLF	12.90	9.40	3.50				10			10		0.05		2.00		70m				6.00					
		HM76-30XXJLF	13.46	9.40	5.90				1.0			1.0		0.30		8.50		10m				3.15					
		HM76-40XXJLF	16.10	15.80	7.21				3.3			3.3		0.65		9.80		10m				1.45					
		HM76-50XXJLF	18.95	15.24	7.21				0.78			0.78		0.56		15.00		3m				1.8					
HM77		HM77-XXXX1LF	8.64	8.64	6.35				1.1			1.1		3.4			12.5m				125m						
		HM77-XXXX2LF	11.35	11.35	8.89				5.2			5.2		0.94		4.8		19.1m				380m					
		HM77-XXXX3LF	14.50	14.50	8.89				3.8			3.8		0.72		8.0		8.3m				862m					
		HM77-XXXX4LF	15.88	15.24	9.14				1.25			1.25		0.74		13.3		5.7m				1.250					
		HM77-XXXX6LF	20.40	18.03	11.30				2.7			2.7		0.71		13.0		6.8m				1.700					
HA78D		HA78D-128XXXLFTR	12.5	12.5	8.0				4.7			4.7		14.9			19m				5.66						
		HA78D-L128XXXLFTR	12.5	12.5	8.0				10			10		4.6		10.66		29m				360m					
HM78		HM78-10XXJLF	7.40	7.40	3.80				10			10		1			80m				520m						
		HM78-20XXJLF	7.40	7.40	5.20				10			10		0.31		1.65		55m				1.25					
		HM78-30XXJLF	7.50	7.50	3.50				10			10		0.16		1.68		72m				6.50					
		HM78-40XXJLF	7.50	7.50	4.50				2.2			2.2		0.20		3.49		27m				5.20					
		HM78-45XXJLF	12.50	12.50	4.50				3.9			3.9		0.50		6.50		15m				990m					
		HM78-50XXJLF	12.50	12.50	6.20				1.5			1.5		0.30		13		12m				3.20					
		HM78-60XXJLF	12.50	12.50	8.00				1.4			1.4		1.06		12		7m				560m					
HM78M		HM78M-10XXJLFTR	7.3	7.3	4.0				1.5			1.5		4.5			18.5m				5370m						
		HM78M-20XXJLFTR	7.3	7.3	4.5				1.0			1.0		0.22		8.0		15.0m				4630m					
		HM78M-30XXJLFTR	12.5	12.5	5.0				1.5			1.5		0.5		7.0		8.0m				1580m					




Current Sense Transformers

Model Number	Size mm Max.			Secondary Inductance mH Min.				Primary Current A				Secondary DC Resistance Ω Max.							
	L	W	Ht	0.01	1	10	100	1000	0.01	0.1	1	10	100	0.1m	1m	10m	100m		
 HM31	HM31-10XXXLF	23.0	15.0	20.0	5				20					5				700m	1.4
	HM31-20XXXLF	17.0	9.53	22.0	5				85					20				700m	4.5
	HM31-20XXXLF	17.5	9.60	22.0	5				85					20				700m	4.5
	HM31-21XXXLF	17.0	9.53	22.0	1.3				20					20				700m	4.5
	HM31-21XXXLF	17.5	9.60	22.0	1.3				20					20				700m	4.5
 HM33	HM33-10XXXLF	8.13	7.20	5.33	0.18				3				10 max					1.00	7.36
	HM33-H10XXXLF	8.13	7.20	5.33	0.18				3				20max					1.00	7.36

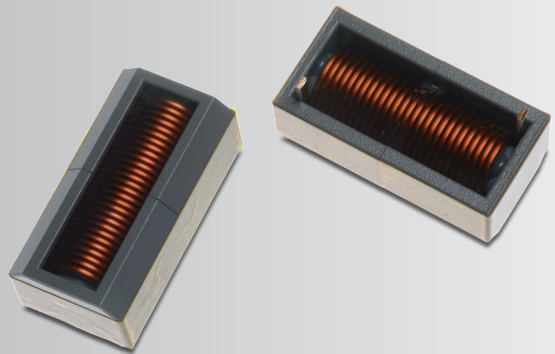
Gate Drive Transformers

Model Number	Size mm Max.			Inductance mH Min.				Rated Current A				Primary DC Resistance Ω Max.				Secondary DC Resistance Ω Max.									
	L	W	Ht	0.01	1	10	100	1000	0.01	1	10	100	1000	1m	10m	100m	1	10	1m	10m	100m	1	10		
 HM41	HM41-1XXXLF	24.0	14.0	20.0					0.14-0.83					0.3A				60m	156m					97m	156m
	HM41-2XXXLF	24.0	14.0	20.0					0.22					0.3A				72m						74m	100m

Common Mode Chokes

Model Number	Size mm Max.			Inductance mH Min.				Rated Current A				DC Resistance Ω Max.							
	L	W	Ht	0.01	1	10	100	0.01	0.1	1	10	100	0.1m	1m	10m	100m	1	10	100
 HM28	HM28-20XXXLF	22.0	22.0	23.0	0.45				9				0.5	1.0				130m	1.40
	HM28-24XXXLF	26.0	26.0	24.0	0.45				36				0.5	2.0				130m	2.70
	HM28-25XXXLF	30.0	30.0	25.0					5				0.5	3.0				100m	2.60
	HM28-32XXXLF	25.0	19.0	32.0					3.2				0.5	2.0				200m	2.70
	HM28-35XXXLF	30.5	22.5	36.0					5				0.5	3.0				100m	2.60
	HM28-42XXXLF	36.5	25.0	43.0					4.7				1.5	4.0				80m	500m
 HM67	HM67-XXXXLF	9.4	6.0	3.9	(5 μ)				(4.7)				0.2	1.0				100m	670m
	HM67-10XXXLF	5.0	3.5	3.55					(51 μ)				0.2					403m	
 HM85	HM85-32XXXLF	12.7	14.7	5.6					(0.26)					3.0				15.5m	
	HM85-37XXXLF	14.4	16.4	8.3					(0.5)				0.5	2.2				50m	850m
	HM85-44XXXLF	15.0	18.2	9.3					(0.15)					5.6				10m	
	HM85-50XXXLF	18.0	19.4	10.0	(0.22)				(3.0)				2.0	5.6				18.5m	120m

Inductance value in () represent typical value



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