





Helping Engineer the Technology of Power

SMT High Current Inductors



	Series	Type	Footprint (mm)	Height (mm)	Inductance Range					Current Range (A)				
					0.01	0.1	1	10	100	0	20	40	60	80
	LP02-1	Custom	6.5 x 7.2	5.2	50nH — 250nH					18 — 85				
	LP02-2	Custom	7.0 x 9.0	5.0	100nH — 310nH					16 — 65				
	LP02-3	Custom	7.0 x 10.1	5.0	90nH — 350nH					16 — 72				
	LP02-5	Custom	13.0 x 13.5	8.0	120nH — 770nH					12 — 100				
	LP03	ER	13.5 x 13.8	4.5–6.5	0.1µH — 11µH					13 — 100				
	LP05	ER	10.2 x 10.8	5.2	0.1µH — 11µH					17 — 55				
	LP06	ER	13.5 x 13.8	5.5	0.1µH — 7.2µH					7 — 75				
	LP07	E	13.0 x 14.5	6.5	0.18µH — 3.9µH					16 — 85				
	LP08	E	8.0 x 10.92	6.22	210nH — 330nH					31 — 45				

Visit our website for information on our line of Non-Standard High Current Inductors.

Molded Inductors



Series	Footprint (mm)	Height (mm)	Inductance Range (μ H)						Current Range (A)					
			0.1	1	10	100	1000	0	20	40	60	80	100	
LM0302H	3.5 x 3.2	1.8	0.47	10					1.6	9				
LM0401H	4.45 x 4.06	0.8	1		10				1.4	5.5				
LM0502HP	5.7 x 5.2	1.8	0.33	10					3.4	21.3				
LM0518HP	5.7 x 5.2	1.6	0.33	10					2.8	15				
LM0602H	7.0 x 6.6	1.8	0.1	22					2.5	40				
LM0624H	7.0 x 6.6	2.2	0.33	10					5	30				
LM0803HP	9.5 x 8.5	2.8	0.33	10					8.2	37				
LM1205HP	13.5 x 12.5	4.8	0.33	10					1.6	80				
LM1265HP	13.5 x 12.5	6.2	0.33	100					3.4	68				
LM1707HP	17.3 x 16.9	6.7	2.2		100				1.2	62				
IPC - 2520AB	2.0 x 2.5	1.2	0.33	2.2					1.8	5.6				

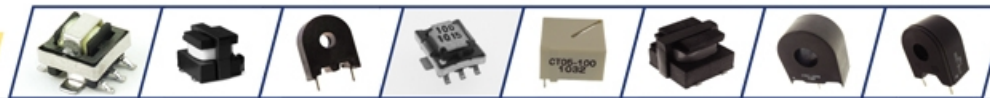
Additional sizes available. Please consult our website.

Gate Drive Xfmrs




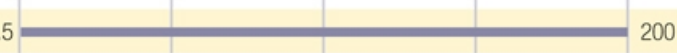


Series	Type	Footprint (mm)	Height (mm)	Mounting	Inductance Range (μ H)					E-T Product Range (V-us)					Hi-Pot (Vdc)
					1	10	100	1000	10000	0	100	200	300	400	
GT02	Toroid	6.8 x 8.6 max.	3.0 max.	SMT	21.6		785			6.9	19				1500
GT03	Toroid	16.0 x 10.7 max.	6.8 max.	SMT	162		5100			34.6	110				1500 & 3750
GT04	Toroid	12.19 x 20.57 max.	19.05 max.	TH	39		8900			63	378				4500
GT05	Toroid	13.0 x 11.0	6.8	SMT	162		2000			63	378				4500
XT	Toroid	5.11 x 5.67	3.25	SMT	39		140			3.75	12.0				120-2350

Current Sense Xfmrs





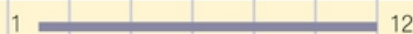




























Series	Type	Footprint (mm)	Height (mm)	Mounting	Turns Ratio	Frequency Range	Current Rating (A)				
							0	50	100	150	200
CT01	EE	8.2 x 7.0	4.83	SMT	1:20 - 1:200	10 - 500 kHz	0.5	10			
CT02	EE	6.4 x 6.0	4.6	SMT	1:50 - 1:250	10 - 500 kHz	0.5	18			
CT03	Toroid	10.0 x 18.0	21	THT	1:50 - 1:1000	1 - 200 kHz	0.5	25			
CT04	EE	8.13 x 6.9	4.1	SMT	1:50 - 1:125	10 - 500 kHz	0.5	20			
CT05	Toroid	17.6 x 15.3	15	THT	1:50 - 1:1000	10 - 500 kHz	0.5	25			
CT06	EE	6.5 x 6.75	5	THT	1:50 - 1:250	10 - 500 kHz	0.5	18			

	CT07	Toroid	23.3 x 12.7	26.6	THT	1:1000	40 Hz - 200 kHz	0.5		50
	CT08	Toroid	16.8 x 11.2	20.1	THT	0.875	40 Hz - 200 kHz	0.5		200








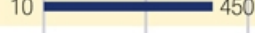








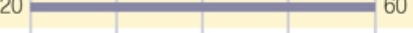






Common Mode Chokes/EMI Chokes



Series	Type	Footprint-Horizontal (mm)	Height-Vertical (mm)	Footprint-Horizontal (mm)	Height-Vertical (mm)	Mounting	Inductance Range (mH)							Current Range (A)						
							0.001	0.01	0.1	1	10	100	1000	0	2	4	6	8	10	12
	C01-02	Toroid	42.6 x 23.3	35.5			TH				1.2		15				1		12	
	C01-01	Toroid	36.0 x 20.9	28.5			TH				0.8		10				1		12	
	CS01	Toroid	6.8 x 8.6	3.0			SMT	6.0μH		200μH							0.24		3.25	
	CS02	Toroid	9.3 x 10.6	5.5			SMT	0.0071		0.312							0.89		7.5	
	CS03	Toroid	16.5 x 14.22	8.9			SMT				1		46.2				0.4		1.5	
	LF20HV	ET	22.0 x 22.0	18.5	22.0 x 17.5	25.5	TH				0.6		104				0.2		3	
	LF24HV	ET	25.0 x 25.0	20.5	25.5 x 18.5	30.5	TH				1.4		80				0.4		3.2	
	LF28HV	ET	29.5 x 29.5	25	30.5 x 22.5	36	TH				1.5		69				0.6		4	
	LF35HV	ET	37.0 x 37.0	29	37.5 x 26.5	44.5	TH				2.5		110				0.8		6	
	LFU9HV	UU	16.0 x 14.5	12.5	16.0 x 11.0	16	TH			0.16		31.36				0.18		2.3		
	LFU10HV	UU	18.5 x 18.0	16.5	18.5 x 17.0	21.5	TH				0.4		21.68				0.55		3	
	LFU16HV	UU	22.5 x 24.0	20.5	22.5 x 18.5	27.5	TH				2.76		44.22				0.6		2.8	

Leaded Inductors



Series	Type	Footprint (mm)	Height (mm)	Inductance Range (μH)						Current Range (A)						
				0.1	1	10	100	1000	10000	0	10	20	30	40	50	60
	C03	Rod	8.9 x 8.9	8.9-40.0		0.68		22						6		15
	I01 - A Size	Toroid	19.8 x 8.2	19.8					120		210			1.5		2
	I01 - B Size	Toroid	23.6 - 9.9	23.6			22		70					3		5
	I01 - C Size	Toroid	26.9 x 13.7	26.9			10		450					1.5		10
	I01 - D Size	Toroid	25.9 x 11.6	25.9					• 55							• 5
	I01 - E Size	Toroid	33.0 x 17.8	33			20		950					1.5		10
	I01 - F Size	Toroid	35.6 x 21.1	35.6					• 30							• 10
	I01 - G size	Toroid	37.1 x 17.5	37.1					170		450			3		5
	I01 - H Size	Toroid	43.2 x 16.0	43.2					• 95							• 7
	I02	E	13.2 x 13.2	9.2		0.22		1.8						20		60
	I03	E	12.8 x 12.8	6.7			1.4		5.6					14		50
	I04	Toroid	various	various			2.2		22					3		16

Class D Inductors



Series	Type	Footprint (mm)	Height (mm)	Inductance Range (μH)				Current Range (ADC)			
				10	20	30	40	0	10	20	30
1D10A	EE	11.5 X 7.5	11	10	33			2	7.5		
1D14A	EE	15 X 10.5	16.3	10	33			5	11		
1D17A	EE	18.2 X 16.0	19.3	10	33			10	31		
1D23A	EE	23 X 20 m	23	10	33			10.4	37.8		

SMT Power Inductors



Series	Type	Footprint (mm)	Height (mm)	Inductance Range (μH)					Current Range (A)				
				0	10	100	1000	10000	0	5	10	15	20
GS43	Drum	4.0 x 4.5	3.2	1	68				0.46	3.8			
GS54	Drum	5.2 x 5.8	4.5	10	220				0.35	1.44			
GS75	Drum	7.0 x 7.8	5.0	10	470				0.34	2.3			
GS105	Drum	9.0 x 10.0	5.4	10	820				0.24	2.6			
LO/LS 1608	Drum	4.45 x 6.6	2.92	1	10000				0.1	3.0			
LO32	Drum	3.0 x 3.5	2.3	1	330				0.09	2.2			
LO3308	Drum	9.4 x 12.95	3.0	10	1000				0.1	2.4			
LO/LS 3316	Drum	9.4 x 12.95	5.08 - 5.21	1	1000				0.3	9			
LO3340	Drum	9.4 x 12.95	11.43	10	1000				0.8	8			
LO/LS 5022	Drum	15.24 x 18.54	7.62 - 7.11	1	10000				0.8	20			
LS73	Drum	7.5 x 7.5	3.4	10	1000				0.16	1.68			
LS125	Drum	12.3 x 12.3	6.0	1.3	1000				0.4	8			
LS4D	Drum	4.7 x 4.7	2.0 - 3.0	1	390				0.13	2.56			
LS5D	Drum	5.7 x 5.7	2.0 - 3.0	2.6	680				0.16	2.6			
LS6D	Drum	6.5 x 6.5	3.0 - 4.0	1	10000				0.8	20			

Visit our website for more information on our full line of SMT Power Inductors.

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The information contained in this guide is for reference only. Detailed specifications are available from our web site or upon request.



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