

Surface Mount Inductors/Transformers

Vishay



PRODUCT DESCRIPTION	TYPE	TOLERANCE		INDUCTANCE RANGE μ H	RATED DC CURRENT mA	DIMENSIONS (mm) MAXIMUM		
		MIN	MAX			WIDTH	LENGTH	HEIGHT
Monolithic Chip Inductor, Low Profile	ILS-2515	20	20	4.7-10	500	3.81	6.35	1.19
	ILS-3825	20	20	4.7-10	1000-1200	6.35	9.53	1.19
Monolithic Chip Inductor	ILSB-0603	10	20	0.047-4.7	50-15	0.950	1.750	0.950
	ILSB-0805	10	20	0.047-33	300-5	1.45	2.200	1.45
	ILSB-1206	10	20	0.047-33	300-5	1.40	3.400	1.80
Multilayer Ferrite Beads	ILB-1206	25	25	19-2000 Ω	100-500	1.800	3.400	1.11
	ILBB-0402	25	25	20-600 Ω	200-300	0.60	1.10	0.6
	ILBB-0603	25	25	10-2000 Ω	500-50	0.95	1.75	0.950
	ILBB-0805	25	25	7-2200 Ω	600-80	1.45	2.20	1.100
	ILBB-1210	25	25	31-90 Ω	400	2.7	3.4	1.32
	ILBB-1806	25	25	80-150 Ω	200-400	1.8	4.75	1.75
Multilayer Ferrite High Current Beads	ILBB-1812	25	25	70-120 Ω	200	3.45	4.75	1.75
	ILHB-0603	25	25	60-120 Ω	2000	0.95	1.75	0.95
	ILHB-0805	25	25	30-600 Ω	3000-6000	1.45	2.2	0.95
	ILHB-1206	25	25	50-600 Ω	2500-6000	1.8	3.4	1.3
	ILHB-1806	25	25	60 Ω	6000	1.8	4.75	1.75
	ILHB-1812	25	25	120-1300 Ω	3000-6000	3.45	4.75	1.75
Multilayer Ferrite Bead Arrays	ILAS-1206	25	25	60-1000 Ω	50-300	1.8	3.35	0.9
S.M. Inductors	IMC-0402	5	30	1.0nH-100nH	90-400	0.60	1.10	0.60
	IMC-0603	5	20	1.5nH-150nH	100-500	0.950	1.80	1.00
	IMC-0805-01	5	5	2.2nH-10000nH	150-600	1.45	2.2	1.40
	IMC-1008	5	5	3.3-22000	125-600	2.20	2.70	1.80
	IMC-1210	2	20	0.01-220	50-734	2.693	3.403	2.413
	IMC-1210-100	2	20	0.01-0.100	450-734	2.693	3.403	2.413
	IMC-1812	3	20	0.01-1000	30-450	3.403	4.703	3.403
	IMCH-1812	10	-	1.0-330	90-1050	3.4	4.8	3.4
S.M. Inductors <small>Molded, Shielded</small>	IMC-2220	5	10	1.0-10000	25-1800	5.00	5.60	5.00
	ISC-1210	1	20	0.01-100	80-810	2.693	3.403	2.413
	ISC-1812	1	20	0.1-1000	66-552	3.403	4.703	3.403
S.M. Photolithographic Chip Inductor	IFC-0603	2	10	1.5-18nH	1000-400	0.900	1.7	0.600
	IFC-0805	2	10	1.5-47nH	300-1000	1.400	2.150	0.650
S.M. Ceramic Chip Inductors	ILC-0402	5	10	1.0-47nH	150-300	0.60	1.10	0.60
	ILC-0603	5	10	1.0-220nH	300-300	0.95	1.75	0.95



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High Current S.M. Inductors Low Profile	IHLP-2525BD-01	20	–	0.1-10	2500-30000	6.47	6.86	2.4
	IHLP-2525CZ-01	20	–	0.1-10	3000-32500	6.47	6.86	3.0
	IHLP-5050CE-01	20	–	0.1-10	7000-43000	12.90	13.58	3.5
	IHLP-5050EZ-01	20	–	0.1-10	9000-55000	12.90	13.58	5.0
	IHLP-5050FD-01	20	–	0.1-4.7	13500-60000	12.90	13.58	6.5
High Current S.M. Inductors Flame Retardant Encapsulant	IHSM-3825	15	–	1.0-1000	160-5110	6.35	11.17	5.72
	IHSM-4825	15	–	1.0-1000	240-8600	6.35	13.720	5.72
	IHSM-5832	15	–	1.0-4700	140-9000	8.13	16.260	7.24
	IHSM-7832	15	–	1.0-18000	110-9000	8.13	21.340	7.24
High Current S.M. Drum Core Inductors	IDC-2512	20	–	1.0-1000	70-2900	4.45	6.60	2.92
	IDC-5020	20	–	1.0-1000	300-6800	9.40	12.95	5.21
	IDC-7328	20	–	1.0-1000	560-8600	15.24	18.54	7.11
	IDCS2512	20	–	1.0-10000	20-3000	4.45	6.60	2.92
	IDCS-5020	20	–	1.0-47	800-5000	9.40	12.95	5.08
	IDCS-7328	20	–	10.0-1000	530-3900	15.24	18.54	7.62
High Current S.M. Drum Core Inductors	IDCP-1813	10	20	1.0-68	460-3800	4.0	4.5	3.2
	IDCP-2218	10	20	10-220	350-1440	5.2	5.8	4.5
	IDCP-3020	10	20	10-470	340-2300	7.0	7.8	5
	IDCP-3114	10	20	10-330	280-1440	7.0	7.8	5.4
	IDCP-3722	10	20	10-820	240-2600	9.0	10	5.4
	IDCP-3916	10	20	10-560	320-2380	9.0	10	4
S.M. Toroidal Inductors Parallel or Series Connected	LPT-4545	–	15	1-330	430-7540	12.49	12.49	6.350
	LPT-3535	–	15	1-330	270-6450	9.95	9.95	5.96
S.M. Inductors, Gapped and Ungapped Low DCR Versus Inductance Transformers also available	LPE-3325	20	30	10-3,900	60-1000	6.500	8.2	5.21
	LPE-4841	20	30	10-47,000	80-2030	10.690	12.5	6.3
	LPE-5047	20	30	10-68,000	70-2290	11.990	13.34	6.3
	LPE-6562	20	30	10-330,000	60-3090	15.390	17.65	8.51
	LPE-6855	20	30	10-150,000	60-3210	14.100	17.53	5.59
Wide Band Transformers Surface Mount supplied taped and reeled for signal transfer in high frequencies	TLB 5110	1/1	360 MHz		6 Pins, 2.54mm lead spacing	5.6	11	7.7
	TLB 5115	1/1.5	153 MHz		–	–	–	–
	TLB 5125	1/2.5	190 MHz		–	–	–	–
	TLB 5140	1/4	160 MHz		–	–	–	–
Signal or Microconverter Transformers Surface Mount	TCV 5	E5	200 KHz		Power Va: 0.5	5.2	8.2	6.5
	TCV 11	ER 11	200 KHz		Power Va: 6	6.3	13.4	12
	TCV 14	ER 14	200 KHz		Power Va: 11	8.5	17.7	15.4
	TCV 14 UI	ER 14	200 KHz		Power Va: 11	8.5	17.7	15.4
ISDN Transformers P.C.B Mountable Surface Mount Package	PT-100	Turns ratio 1CT-2CT			Meets CCITT 1.430 Pulse			
	PT-200	Hipot Volts - 1500 RMS			Waveform			
		Primary DCR - 8R Max			Compatible with ISDN S/T and U			
		Secondary DCR - 15R Max.			Interfaces			