

# VISHAY/DALE High Current Inductors

RoHS Compliant This product is RoHS compliant.

## IHLP SERIES (CONT.)

**Features:**

- Operating temperature: -55°C to +125°C
- Shielded construction
- Handles high transient current spikes without saturation

**Applications:**

- PDA/Notebook/Desktop/Server applications
- High current POL converters
- Power supplies
- Battery powered devices
- DC/DC converters in distributed power systems, FPGAs



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Inductance (µH ± 20%)	Height (mm)	DCR Typ @ 25°C (mΩ)	DCR Max @ 25°C (mΩ)	Heat Rating Current DC Typ. (A)	Saturation Current DC Typ. (A)	Price Each			Reel Qty.	Price Per Piece
								1	10	100		
<b>IHLP3232CZ-01 Series</b>												
70-IHLP3232CZERR22M0	IHLP3232CZERR22M01	0.22	3	1.50	1.61	32.0	43.0	1.35	.921	.769	1000	.741
70-IHLP3232CZERR33M0	IHLP3232CZERR33M01	0.33	3	2.40	2.57	25.0	32.0	1.35	.921	.769	1000	.741
70-IHLP3232CZERR47M0	IHLP3232CZERR47M01	0.47	3	3.11	3.33	21.5	35.0	1.35	.921	.769	1000	.741
70-IHLP3232CZER1R0M0	IHLP3232CZER1R0M01	1	3	7.80	8.35	13.7	29.0	1.38	.951	.66	1000	.639
70-IHLP3232CZER1R5M0	IHLP3232CZER1R5M01	1.5	3	12.40	13.30	11.0	24.0	1.38	.951	.66	1000	.639
70-IHLP3232CZER2R2M0	IHLP3232CZER2R2M01	2.2	3	19.00	20.30	9.0	21.0	1.38	.951	.66	1000	.639
70-IHLP3232CZER3R3M0	IHLP3232CZER3R3M01	3.3	3	25.60	27.40	7.2	12.0	1.38	.951	.66	1000	.639
70-IHLP3232CZER4R7M0	IHLP3232CZER4R7M01	4.7	3	32.00	34.20	6.6	10.5	1.38	.951	.66	1000	.639
70-IHLP3232CZER5R6M0	IHLP3232CZER5R6M01	5.6	3	34.70	37.20	6.3	10.0	1.38	.951	.66	1000	.639
70-IHLP3232CZER6R8M0	IHLP3232CZER6R8M01	6.8	3	46.10	49.30	5.3	9.5	1.38	.951	.66	1000	.639
70-IHLP3232CZER8R2M0	IHLP3232CZER8R2M01	8.2	3	55.40	59.30	4.8	9.5	1.38	.951	.66	1000	.639
70-IHLP3232CZER100M0	IHLP3232CZER100M01	10	3	66.50	71.20	4.7	8.2	1.38	.951	.66	1000	.639
<b>IHLP3232DZ-01 Series</b>												
70-IHLP3232DZERR22M0	IHLP3232DZERR22M01	0.22	4	1.57	1.68	30.7	34.0	1.47	1.00	.68	500	.68
70-IHLP3232DZERR33M0	IHLP3232DZERR33M01	0.33	4	2.00	2.14	29.5	36.0	1.47	1.00	.68	500	.68
70-IHLP3232DZERR47M0	IHLP3232DZERR47M01	0.47	4	2.45	2.62	25.0	31.5	1.47	1.00	.68	500	.68
70-IHLP3232DZERR68M0	IHLP3232DZERR68M01	0.68	4	3.43	3.67	21.0	24.5	1.47	1.00	.68	500	.68
70-IHLP3232DZERR82M0	IHLP3232DZERR82M01	0.82	4	4.13	4.42	19.0	24.2	1.47	1.00	.68	500	.68
70-IHLP3232DZER1R0M0	IHLP3232DZER1R0M01	1	4	5.40	5.78	18.0	24.0	1.47	1.00	.68	500	.68
70-IHLP3232DZER2R2M0	IHLP3232DZER2R2M01	2.2	4	12.80	13.70	10.5	23.0	1.51	1.02	.696	500	.696
70-IHLP3232DZER3R3M0	IHLP3232DZER3R3M01	3.3	4	16.50	17.70	9.2	20.0	1.51	1.02	.696	500	.696
70-IHLP3232DZER4R7M0	IHLP3232DZER4R7M01	4.7	4	29.90	32.00	7.5	18.7	1.51	1.02	.696	500	.696
70-IHLP3232DZER5R6M0	IHLP3232DZER5R6M01	5.6	4	33.20	35.50	6.8	16.7	1.51	1.02	.696	500	.696
70-IHLP3232DZER6R8M0	IHLP3232DZER6R8M01	6.8	4	44.60	47.70	5.7	15.2	1.51	1.02	.696	500	.696
70-IHLP3232DZER8R2M0	IHLP3232DZER8R2M01	8.2	4	47.50	50.80	5.2	10.0	1.51	1.02	.696	500	.696
70-IHLP3232DZER100M0	IHLP3232DZER100M01	10	4	56.00	59.90	5.5	9.0	1.33	.925	.82	500	.82
<b>IHLP-3232DZ-11 Series</b>												
70-IHLP3232DZERR22M1	IHLP3232DZERR22M11	0.22	4.0	1.26	1.35	34.0	22.0	1.47	1.20	1.00	500	.68
70-IHLP3232DZERR33M1	IHLP3232DZERR33M11	0.33	4.0	2.01	2.15	27.5	16.0	1.47	1.20	1.00	500	.68
70-IHLP3232DZERR47M1	IHLP3232DZERR47M11	0.47	4.0	2.22	2.38	25.0	14.0	1.47	1.20	1.00	500	.68
70-IHLP3232DZERR68M1	IHLP3232DZERR68M11	0.68	4.0	3.01	3.22	22.2	14.5	1.47	1.20	1.00	500	.68
70-IHLP3232DZERR82M1	IHLP3232DZERR82M11	0.82	4.0	3.63	3.88	19.5	15.0	1.47	1.20	1.00	500	.68
70-IHLP3232DZER1R0M1	IHLP3232DZER1R0M11	1.0	4.0	4.33	4.63	18.2	12.0	1.47	1.20	1.00	500	.68
70-IHLP3232DZER2R2M1	IHLP3232DZER2R2M11	2.2	4.0	8.8	9.41	14.5	10.2	1.59	1.29	1.07	500	.73
70-IHLP3232DZER3R3M1	IHLP3232DZER3R3M11	3.3	4.0	14.0	14.9	10.5	9.7	1.33	1.12	.925	500	.82
70-IHLP3232DZER4R7M1	IHLP3232DZER4R7M11	4.7	4.0	21.1	22.6	8.0	8.7	1.51	1.23	1.02	500	.696
70-IHLP3232DZER5R6M1	IHLP3232DZER5R6M11	5.6	4.0	26.7	28.6	7.4	7.6	1.51	1.23	1.02	500	.696
70-IHLP3232DZER6R8M1	IHLP3232DZER6R8M11	6.8	4.0	31.2	33.4	7.0	6.7	1.33	1.12	.925	500	.82
70-IHLP3232DZER8R2M1	IHLP3232DZER8R2M11	8.2	4.0	42.1	45.0	5.7	6.6	1.51	1.23	1.02	500	.696
70-IHLP3232DZER100M1	IHLP3232DZER100M11	10.0	4.0	48.4	51.8	5.4	6.4	1.51	1.23	1.02	500	.696
70-IHLP3232DZER150M1	IHLP3232DZER150M11	15.0	4.0	61.0	65.3	4.9	3.7	1.73	1.41	1.17	500	.799
70-IHLP3232DZER220M1	IHLP3232DZER220M11	22.0	4.0	88.0	94.2	4.3	3.3	1.73	1.41	1.17	500	.799
70-IHLP3232DZER330M1	IHLP3232DZER330M11	33.0	4.0	135.0	144.0	3.2	3.2	1.73	1.41	1.17	500	.799
<b>IHLP-5050CE-01 Series</b>												
70-IHLP5050CEERR68M0	IHLP5050CEERR68M01	0.68	3.5	2.3	2.5	28.0	49.0	5.11	4.14	3.45	500	2.34
70-IHLP5050CEERR82M0	IHLP5050CEERR82M01	0.82	3.5	2.6	3.0	25.0	44.0	5.11	4.14	3.45	500	2.34
70-IHLP5050CEER1R0M0	IHLP5050CEER1R0M01	1.0	3.5	3.3	3.5	24.0	40.0	5.11	4.14	3.45	500	2.34
70-IHLP5050CEER1R5M0	IHLP5050CEER1R5M01	1.5	3.5	5.1	5.5	19.0	35.0	5.11	4.14	3.45	500	2.34
70-IHLP5050CEER2R2M0	IHLP5050CEER2R2M01	2.2	3.5	7.2	8.0	16.0	29.0	5.11	4.14	3.45	500	2.34
70-IHLP5050CEER3R3M0	IHLP5050CEER3R3M01	3.3	3.5	11.0	12.0	12.0	27.0	5.11	4.14	3.45	500	2.34
70-IHLP5050CEER4R7M0	IHLP5050CEER4R7M01	4.7	3.5	14.3	15.0	10.0	24.0	5.11	4.14	3.45	500	2.34
70-IHLP5050CEER100M0	IHLP5050CEER100M01	10.0	3.5	30.4	34.0	7.0	14.0	5.74	4.65	3.87	500	2.63
<b>IHLP-5050EZ-01 Series</b>												
70-IHLP5050EZERR68M0	IHLP5050EZERR68M01	0.68	5.0	1.5	1.7	34.0	54.0	7.59	6.15	5.12	250	3.48
70-IHLP5050EZER1R0M0	IHLP5050EZER1R0M01	1.0	5.0	2.1	2.5	29.0	50.0	7.59	6.15	5.12	250	3.48
70-IHLP5050EZER2R2M0	IHLP5050EZER2R2M01	2.2	5.0	4.6	5.5	20.0	32.0	7.59	6.15	5.12	250	3.48
70-IHLP5050EZER3R3M0	IHLP5050EZER3R3M01	3.3	5.0	7.7	9.2	15.0	32.0	7.59	6.15	5.12	250	3.48
70-IHLP5050EZER4R7M0	IHLP5050EZER4R7M01	4.7	5.0	12.8	15.0	12.0	27.0	7.59	6.15	5.12	250	3.48
70-IHLP5050EZER100M0	IHLP5050EZER100M01	10.0	5.0	24.4	25.5	9.0	16.0	8.73	7.08	5.90	250	4.01
<b>IHLP-5050FD-01 Series</b>												
70-IHLP5050FDERR15M0	IHLP5050FDERR15M01	0.15	6.5	0.5	0.6	55.0	118.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDERR33M0	IHLP5050FDERR33M01	0.33	6.5	0.8	0.9	46.0	65.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDERR40M0	IHLP5050FDERR40M01	0.4	6.5	0.9	1.0	44.0	64.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDERR47M0	IHLP5050FDERR47M01	0.47	6.5	1.0	1.2	41.0	63.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDERR68M0	IHLP5050FDERR68M01	0.68	6.5	1.4	1.6	35.0	60.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDER1R0M0	IHLP5050FDER1R0M01	1.0	6.5	1.7	2.0	32.0	49.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDER1R5M0	IHLP5050FDER1R5M01	1.5	6.5	2.5	3.0	27.0	45.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDER2R2M0	IHLP5050FDER2R2M01	2.2	6.5	3.5	4.2	22.0	40.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDER3R3M0	IHLP5050FDER3R3M01	3.3	6.5	5.7	6.8	18.0	35.0	8.73	7.08	5.90	250	4.01
70-IHLP5050FDER4R7M0	IHLP5050FDER4R7M01	4.7	6.5	8.0	11.2	13.5	32.0	8.73	7.08	5.90	250	4.01
<b>IHLP-6767GZ-01 Series</b>												
70-IHLP6767GZERR22M0	IHLP6767GZERR22M01	0.22	7.0	0.63	0.70	80.0	129.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZERR33M0	IHLP6767GZERR33M01	0.33	7.0	0.71	0.79	65.0	126.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZERR47M0	IHLP6767GZERR47M01	0.47	7.0	0.84	0.92	62.0	123.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZERR56M0	IHLP6767GZERR56M01	0.56	7.0	0.91	1.0	56.0	88.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZERR82M0	IHLP6767GZERR82M01	0.82	7.0	1.17	1.29	50.0	73.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZER1R0M0	IHLP6767GZER1R0M01	1.0	7.0	1.28	1.35	48.0	73.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZER1R5M0	IHLP6767GZER1R5M01	1.5	7.0	1.78	1.88	42.0	65.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZER1R8M0	IHLP6767GZER1R8M01	1.8	7.0	1.96	2.07	38.0	65.0	6.10	4.95	4.12	200	2.80
70-IHLP6767GZER2R2M0	IHLP6767GZER2R2M01	2.2	7.0	2.40	2.53	3						