

# VISHAY / DALE Low Profile - SMD High Current Inductors

RoHS Compliant This product is RoHS compliant.

**Features:**

- Operating temperature: -55°C to +125°C
- Shielded construction
- Frequency range up to 5.0MHz
- 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



## IHLP1212 - BZ SERIES - LEAD-FREE

For quantities of 1,000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Inductance (µH ± 20%)	T (mm)	DCR Typ @ 25°C (mΩ)	DCR Max @ 25°C (mΩ)	Heat Rating Current DC Typ. (A)	Saturation Current DC Typ. (A)	Price Each						
									1	25	50	Reel	3000		
<b>IHLP-1212-BZ-11 Series</b>															
70-IHLP1212BZERR22M1	IHLP1212BZERR22M11	A	0.22	2.0	9.5	11.4	6.5	7.5				3000			
70-IHLP1212BZERR36M1	IHLP1212BZERR36M11	A	0.36	2.0	11.5	13.8	6.3	6.5				3000			
70-IHLP1212BZERR56M1	IHLP1212BZERR56M11	A	0.56	2.0	16.2	19.4	5.5	5.5				3000			
70-IHLP1212BZERR68M1	IHLP1212BZERR68M11	A	0.68	2.0	17.0	20.4	5.5	5.0				3000			
70-IHLP1212BZERR88M1	IHLP1212BZERR88M11	A	0.88	2.0	18.5	22.0	5.5	4.5				3000			
70-IHLP1212BZERR1R0M1	IHLP1212BZER1R0M11	A	1.0	2.0	20.0	24.0	5.0	4.5				3000			
70-IHLP1212BZER1R2M1	IHLP1212BZER1R2M11	A	1.2	2.0	23.0	27.0	5.0	4.0				3000			
70-IHLP1212BZER1R5M1	IHLP1212BZER1R5M11	A	1.5	2.0	27.0	32.0	5.0	4.0				3000			

## IHLP1616 - AB, BZ SERIES - LEAD-FREE

For quantities of 1,000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Inductance (µH ± 20%)	T (mm)	DCR Typ @ 25°C (mΩ)	DCR Max @ 25°C (mΩ)	Heat Rating Current DC Typ. (A)	Saturation Current DC Typ. (A)	Price Each						
									1	25	50	Reel	4000		
<b>IHLP-1616-AB-01 Series</b>															
70-IHLP1616ABERR22M0	IHLP1616ABERR22M01	B	0.22	1.8	11.0	12.0	8.5	20.0				4000			
<b>IHLP-1616-AB-11 Series</b>															
70-IHLP1616ABER1R0M1	IHLP1616ABER1R0M11	B	1.0	1.8	43.0	47.0	4.2	4.5				4000			
70-IHLP1616ABER2R2M1	IHLP1616ABER2R2M11	B	2.2	1.8	79.4	83.5	2.8	3.0				4000			
<b>IHLP-1616-BZ-01 Series</b>															
70-IHLP1616BZERR22M0	IHLP1616BZERR22M01	B	0.22	2.0	7.3	8.0	13.0	24.0				4000			
70-IHLP1616BZER2R2M0	IHLP1616BZER2R2M01	B	2.2	2.0	80.0	90.0	2.9	6.0				4000			

## IHLP2020 - BZ, CZ SERIES - LEAD-FREE

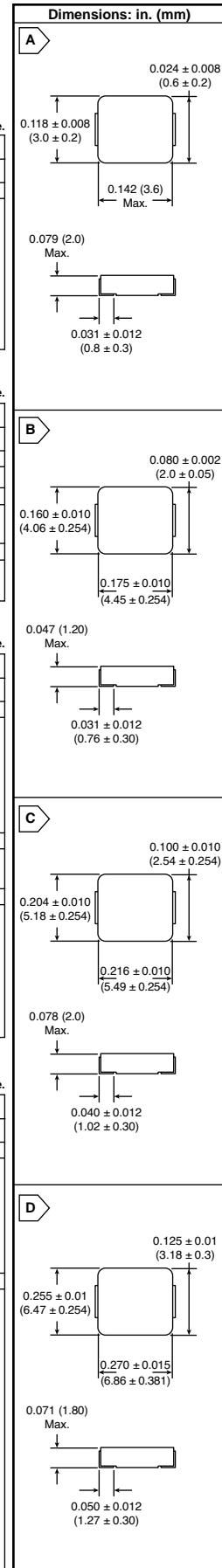
For quantities of 1,000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Inductance (µH ± 20%)	T (mm)	DCR Typ @ 25°C (mΩ)	DCR Max @ 25°C (mΩ)	Heat Rating Current DC Typ. (A)	Saturation Current DC Typ. (A)	Price Each						
									1	25	50	Reel	2000		
<b>IHLP-2020BZ-01 Series</b>															
70-IHLP2020BZERR47M0	IHLP2020BZERR47M01	C	0.47	2.0	8.9	9.4	11.5	21.0				2000			
70-IHLP2020BZERR68M0	IHLP2020BZERR68M01	C	0.68	2.0	11.2	12.4	10.0	15.0				2000			
70-IHLP2020BZER1R0M0	IHLP2020BZER1R0M01	C	1.0	2.0	18.9	20.0	7.0	16.0				2000			
70-IHLP2020BZER3R3M0	IHLP2020BZER3R3M01	C	3.3	2.0	79.2	85.5	3.3	8.5				2000			
70-IHLP2020BZER4R7M0	IHLP2020BZER4R7M01	C	4.7	2.0	108.0	116.6	2.8	5.0				2000			
70-IHLP2020BZER100M0	IHLP2020BZER100M01	C	10	2.0	184.0	199.0	2.3	4.0				2000			
<b>IHLP-2020BZ-11 Series</b>															
70-IHLP2020BZER2R2M1	IHLP2020BZER2R2M11	C	2.2	2.0	34.9	37.7	5.0	5.5				2000			
70-IHLP2020BZER3R3M1	IHLP2020BZER3R3M11	C	3.3	2.0	53.5	57.8	4.1	4.7				2000			
<b>IHLP-2020CZ-11 Series</b>															
70-IHLP2020CZERR47M1	IHLP2020CZERR47M11	C	0.47	3.0	5.4	6.0	14.0	9.0				2000			
70-IHLP2020CZER1R0M1	IHLP2020CZER1R0M11	C	1.0	3.0	10.0	11.0	10.0	6.5				2000			
70-IHLP2020CZER2R2M1	IHLP2020CZER2R2M11	C	2.2	3.0	22.5	25.0	6.8	5.5				2000			
70-IHLP2020CZER3R3M1	IHLP2020CZER3R3M11	C	3.3	3.0	36.4	40.4	5.5	7.0				2000			
70-IHLP2020CZER4R7M1	IHLP2020CZER4R7M11	C	4.7	3.0	54.0	60.0	4.5	5.2				2000			
70-IHLP2020CZER5R6M1	IHLP2020CZER5R6M11	C	5.6	3.0	63.0	70.6	4.3	3.5				2000			
70-IHLP2020CZER100M1	IHLP2020CZER100M11	C	10	3.0	122.1	131.9	2.8	2.25				2000			

## IHLP2525 - AH, CZ SERIES - LEAD-FREE

For quantities of 1,000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Inductance (µH ± 20%)	T (mm)	DCR Typ @ 25°C (mΩ)	DCR Max @ 25°C (mΩ)	Heat Rating Current DC Typ. (A)	Saturation Current DC Typ. (A)	Price Each						
									1	25	50	Reel	2000		
<b>IHLP-2525AH-01 Series</b>															
70-IHLP2525AHERR10M1	IHLP2525AHERR10M01	D	0.1	1.8	3.0	3.5	18.0	40.0				2000			
70-IHLP2525AHERR22M1	IHLP2525AHERR22M01	D	0.22	1.8	5.3	5.7	14.0	26.0				2000			
70-IHLP2525AHERR47M1	IHLP2525AHERR47M01	D	0.47	1.8	8.4	9.3	11.0	18.0				2000			
70-IHLP2525AHER1R0M1	IHLP2525AHER1R0M01	D	1.0	1.8	17.5	18.3	7.0	14.0				2000			
70-IHLP2525AHER2R2M1	IHLP2525AHER2R2M01	D	2.2	1.8	40.3	46.0	3.75	13.0				2000			
70-IHLP2525AHER4R7M1	IHLP2525AHER4R7M01	D	4.7	1.8	76.6	78.0	3.0	8.0				2000			
<b>IHLP-2525CZ-01 Series</b>															
70-IHLP2525CZERR10M1	IHLP2525CZERR10M01	D	0.1	3.0	1.5	1.7	32.5	60.0				2000			
70-IHLP2525CZERR15M1	IHLP2525CZERR15M01	D	0.15	3.0	1.9	2.5	26.0	52.0				2000			
70-IHLP2525CZERR20M1	IHLP2525CZERR20M01	D	0.2	3.0	2.4	3.0	24.0	41.0				2000			
70-IHLP2525CZERR22M1	IHLP2525CZERR22M01	D	0.22	3.0	2.5	2.8	23.0	40.0				2000			
70-IHLP2525CZERR33M1	IHLP2525CZERR33M01	D	0.33	3.0	3.5	3.9	20.0	30.0				2000			
70-IHLP2525CZERR47M1	IHLP2525CZERR47M01	D	0.47	3.0	4.0	4.2	17.5	26.0				2000			
70-IHLP2525CZERR68M1	IHLP2525CZERR68M01	D	0.68	3.0	5.0	5.5	15.5	25.0				2000			
70-IHLP2525CZERR82M1	IHLP2525CZERR82M01	D	0.82	3.0	6.7	8.0	13.0	24.0				2000			
70-IHLP2525CZER1R0M1	IHLP2525CZER1R0M01	D	1.0	3.0	9.0	10.0	11.0	22.0				2000			
70-IHLP2525CZER1R5M1	IHLP2525CZER1R5M01	D	1.5	3.0	14.0	15.0	9.0	18.0				2000			
70-IHLP2525CZER2R2M1	IHLP2525CZER2R2M01	D	2.2	3.0	18.0	20.0	8.0	14.0				2000			
70-IHLP2525CZER3R3M1	IHLP2525CZER3R3M01	D	3.3	3.0	28.0	30.0	6.0	13.5				2000			
70-IHLP2525CZER4R7M1	IHLP2525CZER4R7M01	D	4.7	3.0	37.0	40.0	5.5	10.0				2000			
70-IHLP2525CZER6R8M1	IHLP2525CZER6R8M01	D	6.8	3.0	54.0	60.0	4.5	8.0				2000			
70-IHLP2525CZER100M1	IHLP2525CZER100M01	D	10	3.0	102.0	105.0	3.0	7.0				2000			



Inductors Vishay