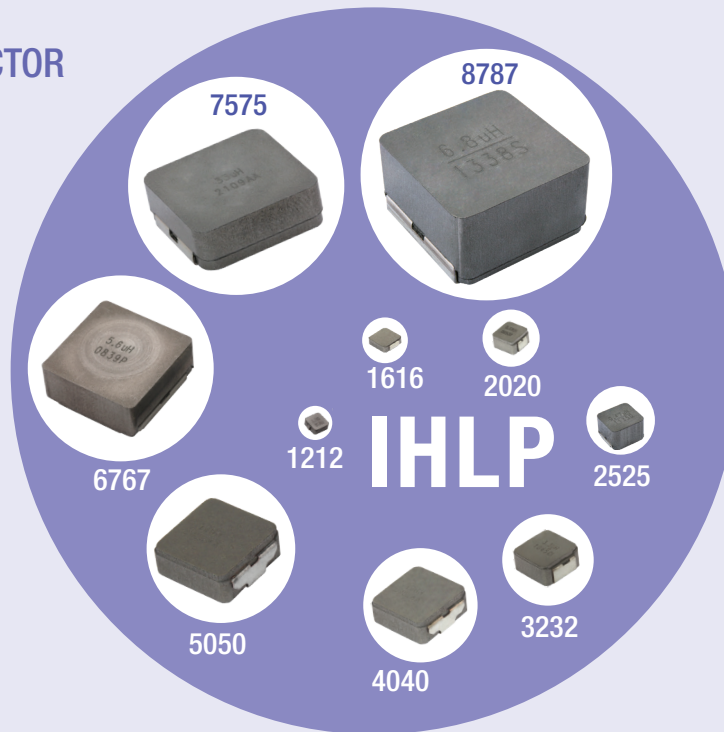
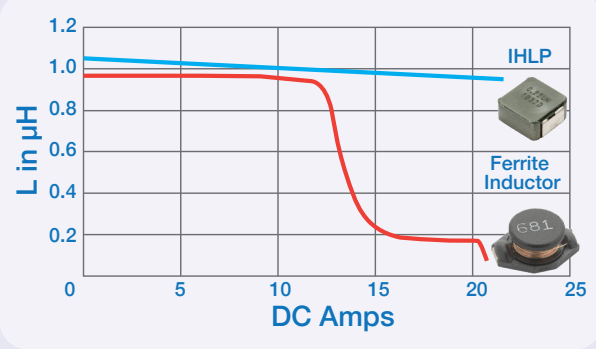




IHLP[®] POWER INDUCTORS

LOW-PROFILE POWER INDUCTORS

SATURATION – IHLP VS. FERRITE INDUCTOR



TEN FOOTPRINTS AVAILABLE WITH A VARIETY OF HEIGHT OPTIONS

Size	Current rating for 1 µH (A)	Foot-print (mm)	Profile	Profile height (mm)
1212	4.5	3 x 3	AZ, AB, BZ	AZ = 1.0
				AB = 1.2
1616	4.5	4 x 4	AB, BZ	AH = 1.8
				BZ = 2.0
2020	9.2	5 x 5	AB, BZ, CZ	BD = 2.4
				CZ = 3.0
2525	13.0	6 x 6	AH, BD, CZ, EZ	CE = 3.5
				DZ = 4.0
3232	18.0	8 x 8	CZ, DZ	EZ = 5.0
				FD = 6.4
4040	20.0	10 x 10	DZ	GZ = 7.0
				MZ = 13.0
5050	32.0	13 x 13	CE, EZ, FD	
6767	48.0	17 x 17	DZ, GZ	
7575	55.0	19 x 19	GZ	
8787	69.0	22 x 22	MZ	

APPLICATIONS

DC/DC converters

- Power supplies for computers, notebooks, graphic cards, servers

Class “D” amplifiers

- LCD TVs and portable MP3 speakers

LED driver power

- Commercial LED lighting
- LCD display backlights

Automotive

- DC/DC converters
- Filters for noise suppression

All currently available IHLP footprints meet or exceed AEC-Q200 Grade 0 and Grade 1 requirements

Four Different Material Types	Commercial Series	Automotive Grade Series
Original Series	IHLP - 01	IHLP - A1
Low DCR Series	IHLP - 11	IHLP - 1A
High Temp Series (+155 °C)	IHLP - 51	IHLP - 5A
High Temp Series (+180 °C)	IHLP - 81	IHLP - 8A

IHLP	2525	CZ	ER	1R0	M	01
Series	Footprint (in)	Profile (mm)	Pb free/ Packaging	L (µH)	L Tol	Material/Special