



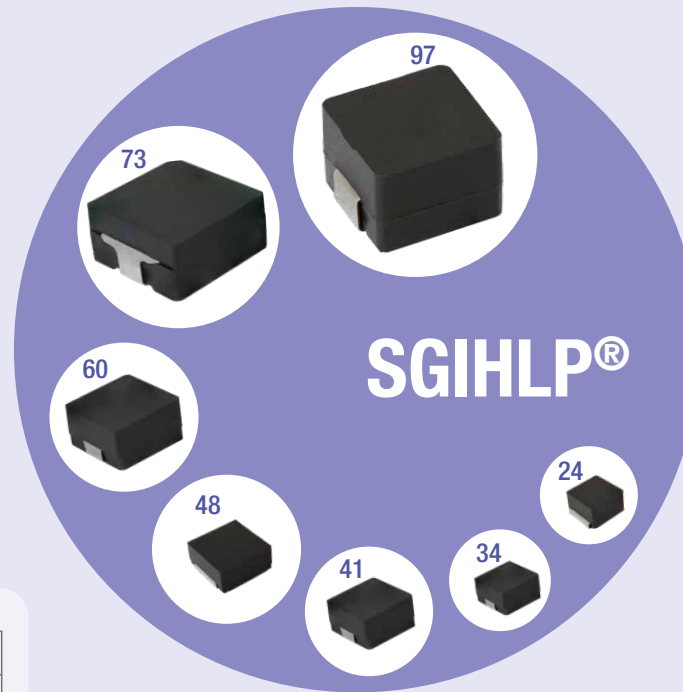
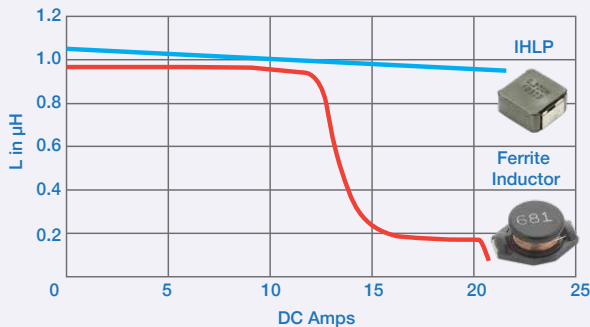
SPACE GRADE SGIHLP[®] POWER INDUCTORS

MIL-STD-981 CLASS S COMPLIANT

APPLICATIONS

- Low profile, high current power supplies
- High current POL converters
- DC/DC converters in distributed power systems
- Power converter for solar panels
- Noise suppression

SATURATION – IHL[®] VS. FERRITE INDUCTOR



SGIHLP [®] Screening Code	Two Different Levels of Screening
1S	MIL-STD-981 Group A / B Full Screen
1P	Basic Production Screen - product is not MIL-STD-981 Compliant

SEVEN FOOTPRINTS AVAILABLE

Size	Current Rating for 1 μH (A)	Footprint (mm)	Profile	Profile Height (mm)
24	10.8	6.2 x 6.2	DC	DC = 4.3
34	12	9 x 9	EB	EB = 5.2
41	19	10.5 x 10.5	FA	FA = 6.1
48	23.5	12.2 x 12.2	FA	FA = 6.1
60	40.0	15.2 x 15.2	HE	HE = 8.5
73	53.0	18.8 x 18.8	HF	HF = 8.6
97	69.0	24.5 x 24.5	OZ	OZ = 15

SGIHLP[®] **97** **OZ** **B** **101** **M** **8** **1S**
 Product Family Dimensions (in) Profile Packaging Inductance Tolerance Series Screening Code

Product and testing can be customized based on your requirements. Contact us!

magnetics@vishay.com