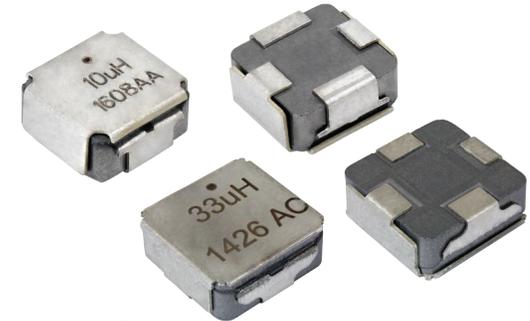




# CAPABILITIES AND CUSTOM OPTIONS

## IHLE - SHIELDED INDUCTORS

Applications	Advantages
Engine and transmission control units	IHLP® power inductor with integrated E-shield <ul style="list-style-type: none"> <li>• Significant reduction in high-frequency EMI noise</li> <li>• Compact size with no additional external EMI shielding required</li> <li>• High temperature (+155 °C) operation</li> </ul>
DC/DC converters	
Noise suppression for motors	
LED drivers	



### SPECIALTY DEVICES IN THE IHxx FAMILY

Design Advantage	Solution	Series	
EMI reduction	E-shield	IHLE	
Board space saving	Dual inductor	IHLD	
Lower profile height	Inset profile	IHLW	
SEPIC	Coupled inductor	IHCL	
Moisture resistant	Molded inductor	IHLM	
Ag epoxy bonding	Au terminations	IHLG	
AMS whisker mitigation	SnPb terminations	L1 / 1L / 5L / 8L	
High current / low DCR	Large size	IHXL	
	Through hole	IHTH	

### CUSTOMIZATION

Options
<ul style="list-style-type: none"> <li>• Case size and height options</li> <li>• Inductance values</li> <li>• Tight tolerance</li> <li>• Polarity mark</li> <li>• Terminations and stand offs</li> <li>• Turns ratios (dual versions)</li> </ul>

Temperature Range (°C)	Commercial / Industrial Code	Automotive AEC-Q200 Material Code
-55 to +125	01 / 11	A1 / 1A
-55 to +155	51	5A
-55 to +180	81	8A