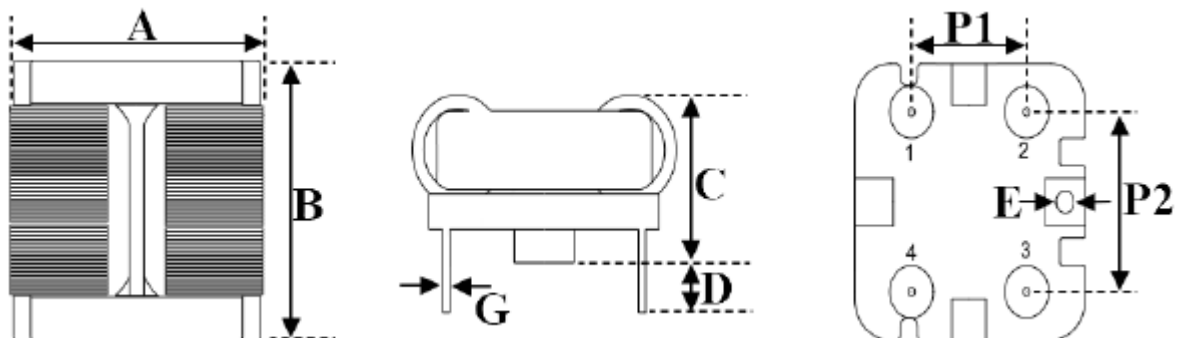




High Power Inductors

FEATURES	<ul style="list-style-type: none"> High saturation material High current capability Low DC resistance. Operating temperature range: -25°C to +125°C (include coil heat). 																								
APPLICATIONS	<ul style="list-style-type: none"> Power supplies, DC-DC converters. Power amplifiers. EM/RFI suppression. 																								
PRODUCT IDENTIFICATION	<table border="0"> <tr> <td>FHD</td> <td>1212</td> <td>-</td> <td>802</td> <td>X</td> <td>(1) SERIES</td> </tr> <tr> <td>(1)</td> <td>(2)</td> <td></td> <td>(3)</td> <td>(4)</td> <td>(2) CORE STYLE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(3) INDUCTANCE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(4) TOLERANCE CODE</td> </tr> </table>	FHD	1212	-	802	X	(1) SERIES	(1)	(2)		(3)	(4)	(2) CORE STYLE						(3) INDUCTANCE						(4) TOLERANCE CODE
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(1)	(2)		(3)	(4)	(2) CORE STYLE																				
					(3) INDUCTANCE																				
					(4) TOLERANCE CODE																				

CONFIGURATIONS & DIMENSIONS (unit in mm)



Type	A	B	C	D	E	G	P1	P2
FHD1212	18.0MAX	13.5 MAX	12.0 MAX	3.50±0.5	/	0.70±0.1	10.0±0.5	13.0±0.5
FHD1515	22.0 MAX	17.0 MAX	14.0 MAX	3.50±0.5	/	0.70±0.1	12.9±0.5	17.0±0.5
FHD1918	23.0 MAX	22.5 MAX	14.0 MAX	3.50±0.5	1.60	0.70±0.1	10.0±0.5	13.0±0.5
FHD2418	23.5 MAX	26.0 MAX	14.5 MAX	3.50±0.5	1.60	0.80±0.1	21.0±0.5	16.7±0.5

Electrical characteristics for FHD series				
Part Number	Inductance (mH)	Test Freq. (KHz)	DCR (Ω) (max)	IDC (A) (max)
FHD1212-802X	8.0 MIN	1.0kHz/0.25v	180	2.2
FHD1212-103X	10.0 MIN		200	2.0
FHD1212-153X	15.0 MIN		220	1.5
FHD1515-103X	10.0 MIN		110	3.0
FHD1515-153X	15.0 MIN		150	2.8
FHD1515-203X	20.0 MIN		260	2.0
FHD1918-502X	5.0 MIN		50	5.5
FHD1918-602X	6.0 MIN		100	4.0
FHD1918-802X	8.0 MIN		105	3.0
FHD1918-103X	10.0 MIN		145	2.5
FHD1918-203X	20.0 MIN		240	2.2
FHD2418-202X	2.0 MIN		50	12.0
FHD2418-502X	5.0 MIN		60	7.5
FHD2418-103X	10.0 MIN		75	5.5