

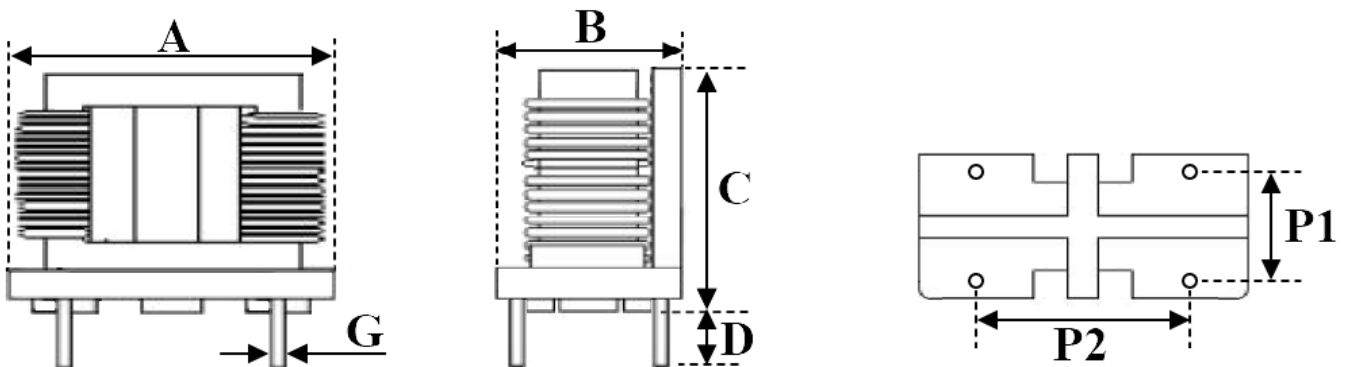


# High Power Inductors



<b>FEATURES</b>	<ul style="list-style-type: none"> <li>High saturation material</li> <li>High current capability Low DC resistance.</li> <li>Operating temperature range: -25°C to +125°C (include coil heat).</li> </ul>														
<b>APPLICATIONS</b>	<ul style="list-style-type: none"> <li>Power supplies, DC-DC converters.</li> <li>Power amplifiers.</li> <li>EM/RFI suppression.</li> </ul>														
<b>PRODUCT IDENTIFICATION</b>	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><b>FHD</b></td> <td style="text-align: center;"><b>1212</b></td> <td style="text-align: center;"><b>T</b></td> <td style="text-align: center;"><b>-</b></td> <td style="text-align: center;"><b>802</b></td> <td style="text-align: center;"><b>X</b></td> <td style="width: 20%;"></td> </tr> <tr> <td style="text-align: center;">(1)</td> <td style="text-align: center;">(2)</td> <td style="text-align: center;">(3)</td> <td></td> <td style="text-align: center;">(4)</td> <td style="text-align: center;">(5)</td> <td>                 (1) SERIES                  (2) CORE STYLE                  (3) FORM                  (4) INDUCTANCE                  (5) TOLERANCE CODE             </td> </tr> </table>	<b>FHD</b>	<b>1212</b>	<b>T</b>	<b>-</b>	<b>802</b>	<b>X</b>		(1)	(2)	(3)		(4)	(5)	(1) SERIES (2) CORE STYLE (3) FORM (4) INDUCTANCE (5) TOLERANCE CODE
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(1)	(2)	(3)		(4)	(5)	(1) SERIES (2) CORE STYLE (3) FORM (4) INDUCTANCE (5) TOLERANCE CODE									

## CONFIGURATIONS & DIMENSIONS (unit in mm)



Type	A	B	C	D	G	P1	P2
FHD1212T	17.5MAX	11.0 MAX	17.5 MAX	3.50±0.5	0.70±0.1	8.0±0.5	11.0±0.5
FHD1515T	21.0 MAX	14.6 MAX	20.0 MAX	3.50±0.5	0.70±0.1	10.0±0.5	13.0±0.5
FHD1918T	23.0 MAX	14.0 MAX	25.5 MAX	3.50±0.5	0.70±0.1	10.0±0.5	13.0±0.5
FHD2418T	23.0 MAX	14.5 MAX	30.5 MAX	3.50±0.5	0.80±0.1	10.0±0.5	13.0±0.5

Electrical characteristics for FHD-T series				
Part Number	Inductance (mH)	Test Freq. (KHz)	DCR ( $\Omega$ ) (max)	IDC (A) (max)
FHD1212T-802X	8.0 MIN	1.0kHz/0.25v	180	2.2
FHD1212T-103X	10.0 MIN		200	1.8
FHD1212T-153X	15.0 MIN		220	1.5
FHD1515T-103X	10.0 MIN		110	3.0
FHD1515T-153X	15.0 MIN		150	2.8
FHD1515T-203X	20.0 MIN		260	2.0
FHD1918T-502X	5.0 MIN		50	5.5
FHD1918T-602X	6.0 MIN		100	4.0
FHD1918T-802X	8.0 MIN		105	3.0
FHD1918T-103X	10.0 MIN		145	2.5
FHD1918T-203X	20.0 MIN		240	2.2
FHD2418T-202X	2.0 MIN		50	12.0
FHD2418T-502X	5.0 MIN		60	7.5
FHD2418T-103X	10.0 MIN		75	5.5