



Please fill in the **grey marked cells**

Project Information			
Company			
Contact Person			
Date			
Issue			
Phone			
E-Mail			
Project Name			
Application			
Ramp-up Date			
Life Time			
Yearly Demand	1st year	2nd year	3th year
Target Price			

Choke/ Reactor Data	
Type	<input type="checkbox"/> DC <div style="margin-top: 20px;"> <p>Please indicate if waveform deviates from triangular</p> <div style="background-color: #cccccc; width: 100px; height: 50px; margin-left: 20px;"></div> </div>

Please E-mail this completed form to: info@powerinductors.net



	<div style="background-color: #008000; color: white; padding: 2px; display: inline-block;"><input type="checkbox"/> AC</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>1-Phase <input type="checkbox"/></p> <p>2-Phase <input type="checkbox"/></p> <p>3-Phase <input type="checkbox"/></p> </div> <div style="width: 55%;"> <p style="text-align: center;">$f_{LF} =$ [] Hz</p> </div> </div>																																
<p>Electrical Data</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Nominal Inductance</td> <td style="width: 20%;">$L_N @ I_N >$</td> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">μH</td> </tr> <tr> <td>Nominal Current</td> <td>$I_N =$</td> <td></td> <td style="text-align: right;">A IDC</td> </tr> <tr> <td>Peak to Peak Ripple Current</td> <td>$I_{ppk} =$</td> <td></td> <td style="text-align: right;">A</td> </tr> <tr> <td>Peak Current</td> <td>$I_{pk} =$</td> <td></td> <td style="text-align: right;">A</td> </tr> <tr> <td>Irms Current</td> <td>$I_{rms} =$</td> <td></td> <td style="text-align: right;">A</td> </tr> <tr> <td>DC-Resistance</td> <td>$R_{DC} <$</td> <td></td> <td style="text-align: right;">mOhm</td> </tr> <tr> <td>Total Power Loss</td> <td>$P_{loss} <$</td> <td></td> <td style="text-align: right;">W</td> </tr> <tr> <td>Switching Frequency</td> <td>$f_{HF} =$</td> <td></td> <td style="text-align: right;">kHz</td> </tr> </table>	Nominal Inductance	$L_N @ I_N >$		μH	Nominal Current	$I_N =$		A IDC	Peak to Peak Ripple Current	$I_{ppk} =$		A	Peak Current	$I_{pk} =$		A	Irms Current	$I_{rms} =$		A	DC-Resistance	$R_{DC} <$		mOhm	Total Power Loss	$P_{loss} <$		W	Switching Frequency	$f_{HF} =$		kHz
Nominal Inductance	$L_N @ I_N >$		μH																														
Nominal Current	$I_N =$		A IDC																														
Peak to Peak Ripple Current	$I_{ppk} =$		A																														
Peak Current	$I_{pk} =$		A																														
Irms Current	$I_{rms} =$		A																														
DC-Resistance	$R_{DC} <$		mOhm																														
Total Power Loss	$P_{loss} <$		W																														
Switching Frequency	$f_{HF} =$		kHz																														
<p>Current or Voltage Driven Design (Half-Bridge Topology)</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"><input type="checkbox"/> Current</td> <td style="width: 20%;">$\Delta I <$</td> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">A_{pp}</td> </tr> <tr> <td><input type="checkbox"/> Voltage</td> <td>$U_{input} \text{ or } U_{output} =$</td> <td></td> <td style="text-align: right;">V</td> </tr> <tr> <td></td> <td>$U_{BUS} =$</td> <td></td> <td style="text-align: right;">V</td> </tr> <tr> <td></td> <td>$\Rightarrow \Delta I <$</td> <td style="background-color: yellow;"></td> <td style="text-align: right;">A_{pp}</td> </tr> </table>	<input type="checkbox"/> Current	$\Delta I <$		A_{pp}	<input type="checkbox"/> Voltage	$U_{input} \text{ or } U_{output} =$		V		$U_{BUS} =$		V		$\Rightarrow \Delta I <$		A_{pp}																
<input type="checkbox"/> Current	$\Delta I <$		A_{pp}																														
<input type="checkbox"/> Voltage	$U_{input} \text{ or } U_{output} =$		V																														
	$U_{BUS} =$		V																														
	$\Rightarrow \Delta I <$		A_{pp}																														
<p>Thermal Design</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Ambient Temperature</td> <td style="width: 20%;">$T_{amb} =$</td> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">°C</td> </tr> <tr> <td>Tempearture rise</td> <td>$\Delta T <$</td> <td></td> <td style="text-align: right;">°C</td> </tr> <tr> <td>Thermal Class (IEC60085)</td> <td></td> <td></td> <td style="text-align: right;"> <p>A (105°C) <input type="checkbox"/></p> <p>E (125°C) <input type="checkbox"/></p> <p>B (130°C) <input type="checkbox"/></p> <p>F (155°C) <input type="checkbox"/></p> </td> </tr> </table>	Ambient Temperature	$T_{amb} =$		°C	Tempearture rise	$\Delta T <$		°C	Thermal Class (IEC60085)			<p>A (105°C) <input type="checkbox"/></p> <p>E (125°C) <input type="checkbox"/></p> <p>B (130°C) <input type="checkbox"/></p> <p>F (155°C) <input type="checkbox"/></p>																				
Ambient Temperature	$T_{amb} =$		°C																														
Tempearture rise	$\Delta T <$		°C																														
Thermal Class (IEC60085)			<p>A (105°C) <input type="checkbox"/></p> <p>E (125°C) <input type="checkbox"/></p> <p>B (130°C) <input type="checkbox"/></p> <p>F (155°C) <input type="checkbox"/></p>																														
<p>Isolation Requirements</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Impulse withstand voltage (surge)</td> <td style="width: 20%;">$\text{Test Voltage} =$</td> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">V</td> </tr> <tr> <td>HighPot Test</td> <td>$\text{AC-Test Voltage} =$</td> <td></td> <td style="text-align: right;">V</td> </tr> <tr> <td></td> <td>$\text{DC-Test Voltage} =$</td> <td></td> <td style="text-align: right;">V</td> </tr> </table>	Impulse withstand voltage (surge)	$\text{Test Voltage} =$		V	HighPot Test	$\text{AC-Test Voltage} =$		V		$\text{DC-Test Voltage} =$		V																				
Impulse withstand voltage (surge)	$\text{Test Voltage} =$		V																														
HighPot Test	$\text{AC-Test Voltage} =$		V																														
	$\text{DC-Test Voltage} =$		V																														

Product Request Form for MAGMENT Magnetics



MAGMENT

IP Protection Class	IP <input type="text"/>
Dimensions	W = <input type="text"/> mm D = <input type="text"/> mm H = <input type="text"/> mm
Termination	Wire Lead Length = <input type="text"/> mm Terminals Type <input type="text"/> Size <input type="text"/>
Notes	<input type="text"/>

Please e-mail this completed form to: info@powerinductors.net

Please E-mail this completed form to: info@powerinductors.net