



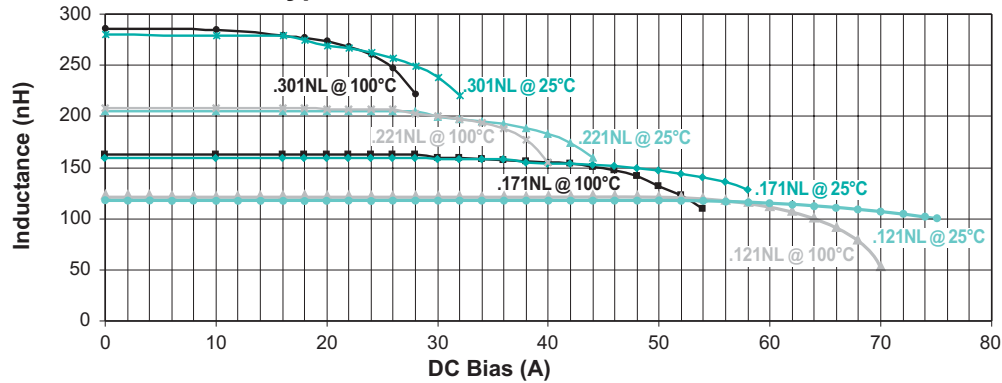
Electrical Specifications @ 25°C — Operating Temperature -40°C to +130°C ⁷							
Part Number	Inductance @0A _{DC} (nH ±20%)	Inductance @I _{rated} (nH TYP)	I _{rated} ¹ (A _{DC})	DCR ² (mΩ)	Saturation Current ³ (A TYP)		Heating ⁴ Current (A TYP)
					25°C	100°C	
PA1320.121NL	120	120	40	0.48 ±8%	77	65	40
PA1320.171NL	172	160	40		58	51	
PA1320.221NL	215	200	40		43	39	
PA1320.301NL	310	230	31		31	27	

SMT POWER INDUCTORS

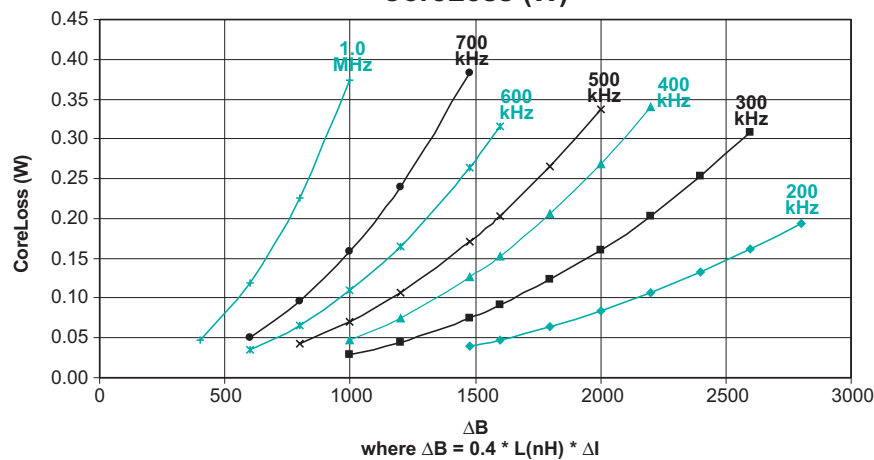
Power Beads - PA1320NL Series



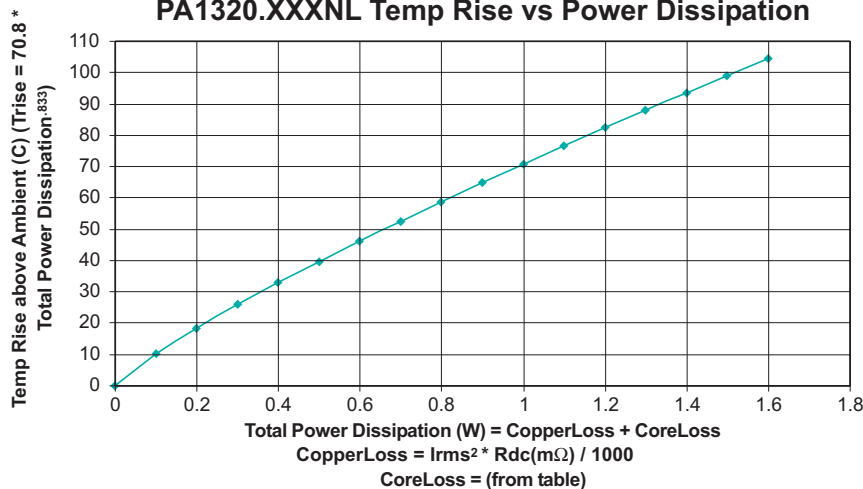
Typical Inductance vs DC Bias



CoreLoss (W)



PA1320.XXXNL Temp Rise vs Power Dissipation



For More Information:

Pulse Worldwide Headquarters
 12220 World Trade Dr.
 San Diego, CA 92128
 U.S.A.
www.pulseeng.com
 TEL: 858 674 8100
 FAX: 858 674 8262

Pulse Europe
 Einsteinstrasse 1
 D-71083 Herrenberg
 Germany
 Tel: 49 7032 7806 116
 Fax: 49 7032 7806 135

Pulse China Headquarters
 No. 1
 Industrial District
 Changan, Dongguan
 China
 Tel: 86 769 85538070
 Fax: 86 769 85538870

Pulse North China
 Room 1503
 XinYin Building
 No. 888 YiShan Rd.
 Shanghai 200233
 China
 Tel: 86 21 54643211/2
 Fax: 86 21 54643210

Pulse South Asia
 150 Kampong Ampat
 #07-01/02
 KA Centre
 Singapore 368324
 Tel: 65 6287 8998
 Fax: 65 6280 0080

Pulse North Asia
 No. 26
 Kao Ching Rd.
 Yang Mei Chen
 Taoyuan Hsien
 Taiwan, R. O. C.
 Tel: 886 3 4641811
 Fax: 886 3 4641911

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.

© Copyright, 2006. Pulse Engineering, Inc. All rights reserved.

www.pulseeng.com

P653.A (11/06)