## **Data Sheet**

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Helping Engineer the Technology of Power

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General Information				
Customer				
Part Number	IN08134			
Revision	1			
Description	Inductor			
Date	JUL-21-2009			
Reference				
Doc Control #				
<b>Issue</b> (For ICE use only)				









		Specification		Sample Test Data
Item	Pins	Spec	Test Condition	
Inductor	S - F	1.0 uH +/- 10%	500 kHz,1Vrms, series (0Adc)	
Inductance	S - F	0.75 uH min	500 kHz,1Vrms, series (34Adc)	
DCR	S - F	2.9 mOhms typ. 3.5 mOhms max	25 deg C	
Isat at +25degC	S - F	34 Adc max		
Isat at +100degC	S - F	26 Adc max		
Isat at +120degC	S - F	24 Adc max		
Idc	S - F	21 Adc max		

Schematic		Recomn	hend PCB Layou	t 3.5 unit:mi	Ren 1. 1 2. 1 3. 1 4. 5 5. 7 6. 1 7. 1 8. 6 9. 1 6. 1 7. 1 8. 6 9. 1 6. 1 7. 1 8. 6 9. 1 9. 1 9. 1 9. 1 9. 1 1 1 1 1 1 1 1 1 1 1 1 1 1	hark (sat is the c by 20% typ (dc is the c part increas Meets UL9 This is RoI The part sh production Lead outs s Operating t +130degC. (Inductance Current Cu attached.	eurrent at whi pical. urrent at whi ses by 50 deg 44V-0 4S compliant ould come in atness should should be tim temperature n vs. Current 0 rve and Tem	the induct ch the tempe c C. t product. t tape & reel l be within 4 ned all sides. range: -40deg Curve, Temp perature vs.	tance drops rature of the on mass mils. gC to erature vs. DCR as
Sample approval is required before	Rev.		Description		PRD	CHK	APP	Date	NTFY
release to production. Sample	1	Initial release	<b>▲</b>		Emily	Gary	L. L. Chou	2009/7/21	2009/7/21
customer specifications.									
Customer Signature									

## P/N:IN08134







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