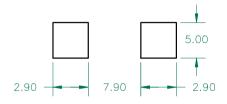
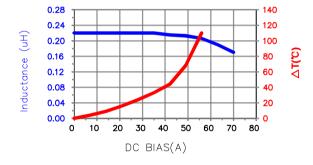
MGV1203R22M-10

PHYSICAL DIMENSIONS:

A 13.50 ± 0.50 B 12.60 ± 0.30 C 3.50 ± 0.30 D 3.60 ± 0.50 E 2.30 ± 0.50

LAND PATTERNS FOR REFLOW SOLDERING

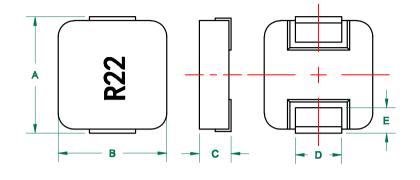




ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	Max	
INDUCTANCE (uH) L @ 100 KHz/0.25V ± 20%	0.176	0.22	0.264	
DCR (Ω)			0.0013	

Saturation Current ³ Isat (A)	65.00
Temperature Rise Current Irms ⁴(A)	38.50









NOTES: UNLESS OTHERWISE SPECIFIED

- 1.COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- 2.OPERATION TEMPERATURE RANGE:
 - -40°C~+125°C (INCLUDING SELF-HEATING).
- 3.SATURATION CURRENT Isat IS DEFINED AS MAXIMUM AMOUNT OF CURRENT BY WHICH INDUCTANCE WILL DROP BY TYPICAL VALUE OF 25% OF INITIAL INDUCTANCE (Ta=25±5°C).
- 4.TEMPERATURE RISE CURRENT (Irms): DC CURRENT THAT CAUSES THE TEMPERATURE RISE ($\Delta T \leq 40^{\circ}$ C) FROM 25°C AMBIENT.

	DIMENSIONS ARE IN mm.		This print is the property of Laird			1				
				subject to return upon request a		1 -	. =	J."		
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				copies shall be made without the written consent of Laird Tech. All						
				rights to design or invention are						
				reserved.						
				PROJECT/PART NUMBER:	RE	V PAR1	TYPE:	DRAWN BY:		
				MGV1203R22M-10			POWER	QIU		
						IN	DUCTOR			
				DATE: 05/14/13 sc		CALE: NTS				
Α	ORIGINAL DRAFT	05/14/13	QIU		OOL #		_ ,			
REV	DESCRIPTION	DATE	INT	MGV1203R22M-10-A	,	_	1	of 1		