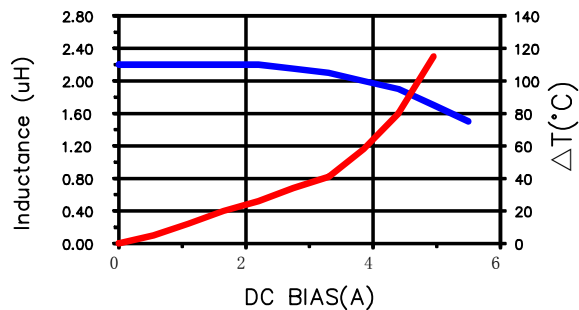
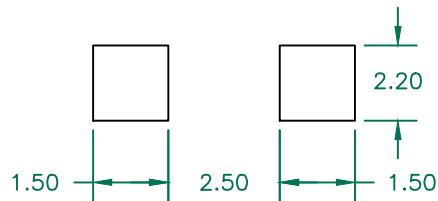


MGV04022R2M-10

PHYSICAL DIMENSIONS:

A	4.50	±	0.50
B	4.10	±	0.30
C	2.00	±	0.30
D	1.50	±	0.30
E	1.00	±	0.50

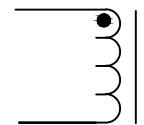
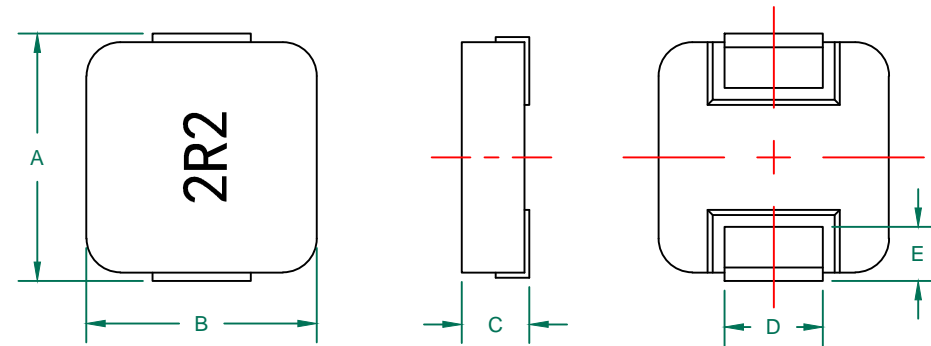
LAND PATTERNS FOR REFLOW SOLDERING



ELECTRICAL SPECIFICATION @ 25°C

	Min	Norm	Max
INDUCTANCE (uH) L @ 100 KHz/0.25V ± 20%	1.76	2.20	2.64
DCR (Ω)			0.058

Saturation Current ³ Isat (A)	5.00
Temperature Rise Current Irms ⁴ (A)	3.00



RoHS

UNCONTROLLED DOCUMENT

NOTES: UNLESS OTHERWISE SPECIFIED

- COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- OPERATION TEMPERATURE RANGE:
-40°C~+125°C (INCLUDING SELF-HEATING).
- SATURATION CURRENT Isat IS DEFINED AS MAXIMUM AMOUNT OF CURRENT BY WHICH INDUCTANCE WILL DROP BY TYPICAL VALUE OF 30% OF INITIAL INDUCTANCE (Ta=25±5°C).
- TEMPERATURE RISE CURRENT (Irms): DC CURRENT THAT CAUSES THE TEMPERATURE RISE (ΔT ≤ 40°C) FROM 25°C AMBIENT.

DIMENSIONS ARE IN mm.				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.			
D	UPDATE LOGO	04/21/15	QIU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
C	CHANGE DIMENSIONS AND ADD CURVE	01/04/13	QIU	MGV04022R2M-10	D	POWER INDUCTOR	QIU
B	CORRECT MARKING AND DIMENSION	03/21/12	QIU	DATE:	SCALE:	NTS	SHEET:
A	ORIGINAL DRAFT	01/16/12	QIU	02/19/13			
REV	DESCRIPTION	DATE	INT	CAD #	TOOL #	-	1 of 1
				MGV04022R2M-10-D			

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