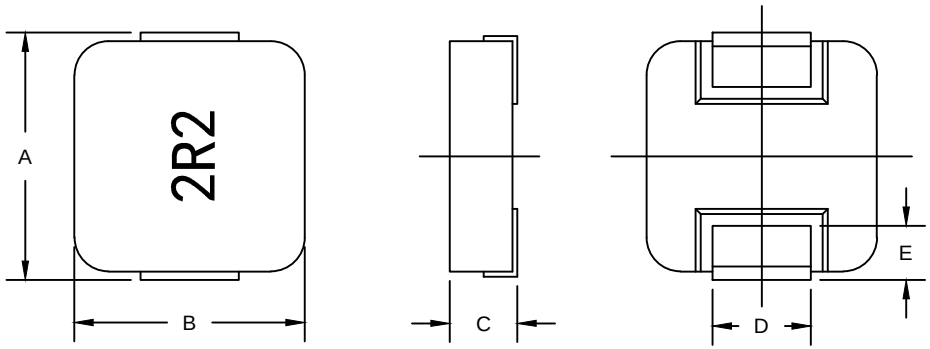
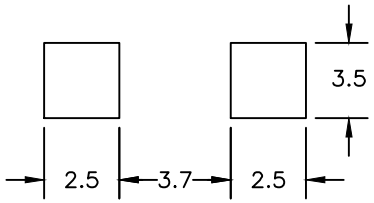
MGV06032R2M-10

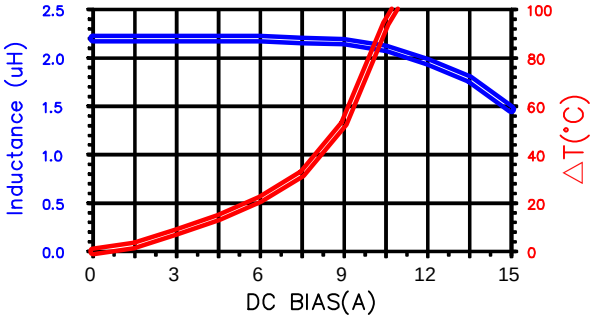
PHYSICAL DIMENSIONS:

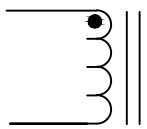
A	7.30	±	0.50
B	6.70	±	0.30
C	3.00	±	0.30
D	2.90	±	0.30
E	1.60	±	0.50



LAND PATTERNS FOR REFLOW SOLDERING







RoHS

UNCONTROLLED DOCUMENT

ELECTRICAL SPECIFICATION @ 25°C

	Min	Norm	Max
INDUCTANCE (uH) L @ 100 KHz/0.25V ± 20%	1.76	2.20	2.64
DCR (Ω)			0.020

Saturation Current [3] Isat (A)	14
Temperature Rise Current Irms [4] (A)	8

NOTES: UNLESS OTHERWISE SPECIFIED

1. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
2. OPERATION TEMPERATURE RANGE: −40°C~+125°C (INCLUDING SELF−HEATING) .
3. DEFINITION OF SATURATION CURRENT (ISAT): DC CURRENT AT WHICH THE INDUCTANCE DROPS ≤25% FROM ITS VALUE WITHOUT CURRENT (Ta=25±5°C).
4. DEFINITION OF TEMPERATURE RISE CURRENT (IRMS): DC CURRENT THAT CAUSES THE TEMPERATURE RISE (△T ≤40°C) FROM 25°C AMBIENT.

REV	DESCRIPTION	DATE	INT
C	UPDATE LOGO	04/22/15	QIU
B	CHANGE NOTE 2.3.4	09/24/12	QIU
A	ORIGINAL DRAFT	06/27/12	QIU

DIMENSIONS ARE IN mm.

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
MGV06032R2M−10	C	POWER INDUCTOR	QIU

DATE:	SCALE:	SHEET:
06/27/12	NTS	1 of 1

CAD # MGV06032R2M−10−C TOOL # −