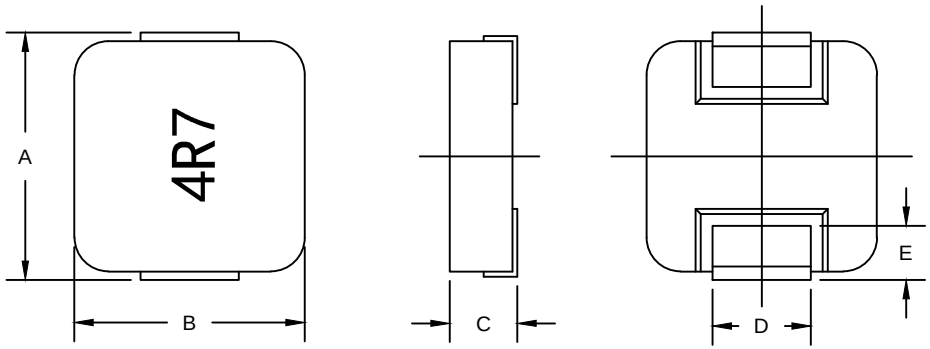
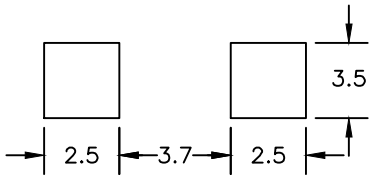
MGV06034R7M-10

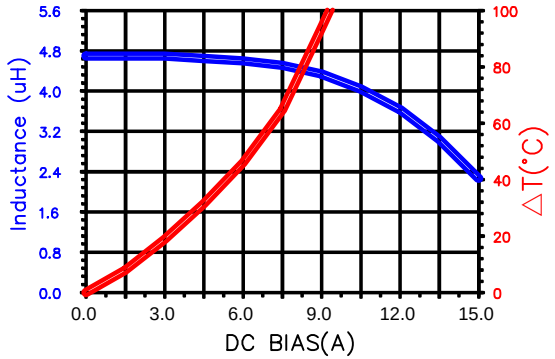
PHYSICAL DIMENSIONS:

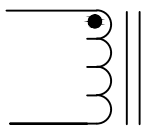
A	7.30	±	0.50
B	6.70	±	0.30
C	3.00	±	0.30
D	2.90	±	0.30
E	1.60	±	0.50



LAND PATTERNS FOR REFLOW SOLDERING







RoHS

UNCONTROLLED DOCUMENT

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.

ELECTRICAL SPECIFICATION @ 25°C

	Min	Norm	Max
INDUCTANCE (uH) L @ 100 KHz/0.25V ± 20%	3.76	4.7	5.64
DCR (Ω)			0.040

Saturation Current [3] Isat (A)	10.00
Temperature Rise Current Irms [4] (A)	5.50

REV	DESCRIPTION	DATE	INT
	DIMENSIONS ARE IN mm.		
G	UPDATE LOGO	04/22/15	QIU
F	CHANGE NOTE 2.3.4	06/24/12	QIU
E	REVISE DIMENSIONS AND ADD CURVE	06/27/12	QIU
D	CORRECT MARKING AND DIMENSION	03/21/12	QIU
C	C CHANGE FROM 3	03/16/12	QIU
B	CHG IAMENSION AND ADD NOTE 2&3	02/21/12	QIU
A	ORIGINAL DRAFT	12/19/11	QIU

Laird

PROJECT/PART NUMBER: MGV06034R7M−10	REV: G	PART TYPE: POWER INDUCTOR	DRAWN BY: QIU
DATE: 12/19/11	SCALE: NTS	SHEET: 1 of 1	
CAD #: MGV06034R7M−10−G	TOOL #: −		