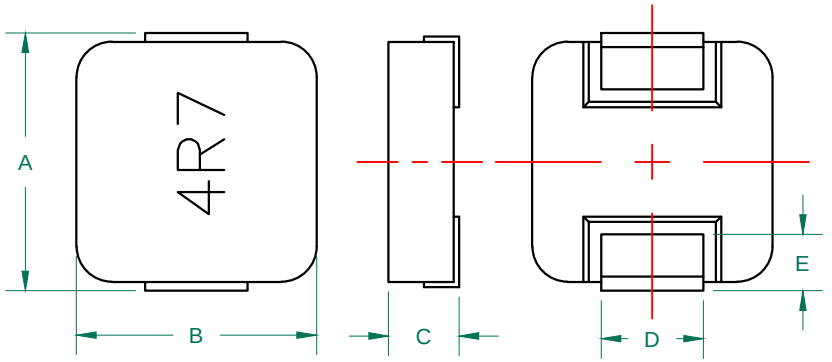
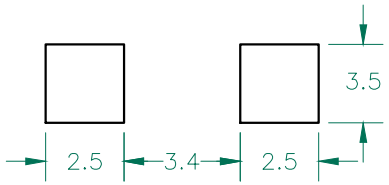
MGV06034R7M-12

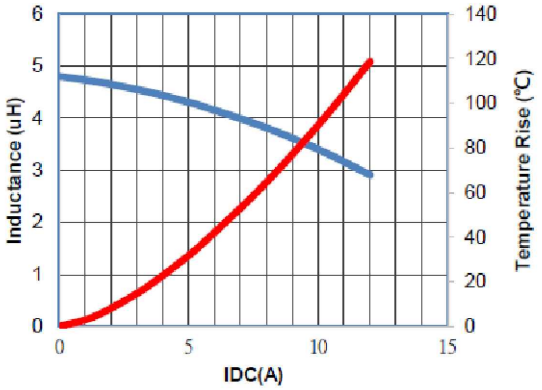
PHYSICAL DIMENSIONS:

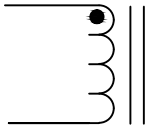
A	7.30	±	0.50
B	6.70	±	0.40
C	3.00	±	0.40
D	3.00	±	0.30
E	1.80	±	0.30



LAND PATTERNS FOR REFLOW SOLDERING







RoHS

ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	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

NOTES: UNLESS OTHERWISE SPECIFIED

1. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
2. OPERATION TEMPERATURE RANGE: −55°C~+125°C (INCLUDING SELF−HEATING) .
3. SATURATION CURRENT Isat IS DEFINED AS MAXIMUM AMOUNT OF CURRENT BY WHICH INDUCTANCE WILL DROP BY APPROXIMATELY VALUE OF 30% OF INITIAL INDUCTANCE (Ta=25±5°C).
4. DEFINITION OF TEMPERATURE RISE CURRENT (IRMS): DC CURRENT THAT CAUSES THE TEMPERATURE RISE (ΔT APPROXIMATELY 40°C) FROM 25°C AMBIENT.

DIMENSIONS ARE IN mm.

REV	DESCRIPTION	DATE	INT
A	ORIGINAL DRAFT	08/17/18 Jonson	

Laird TECHNOLOGIES

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
MGV06034R7M−12	A	POWER INDUCTOR	Jonson

DATE:	SCALE:	SHEET:
08/17/2018	NTS	1 of 1

CAD # MGV06034R7M−12−A

TOOL # −

Mouser Electronics

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Laird Performance Materials:

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