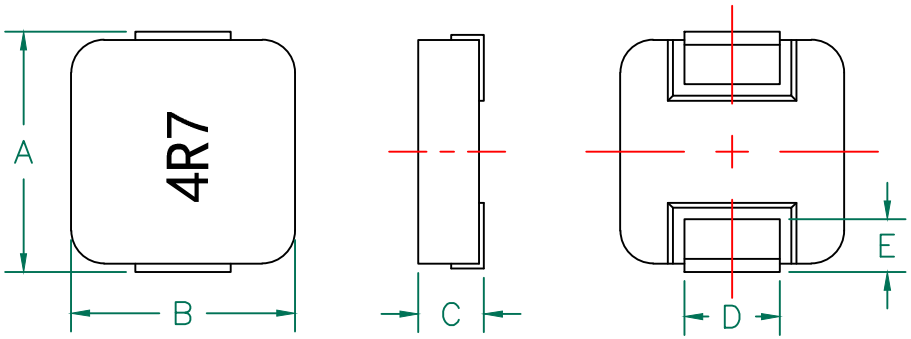
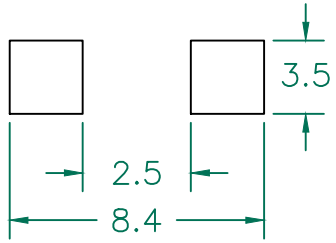
MGV06034R7M-17

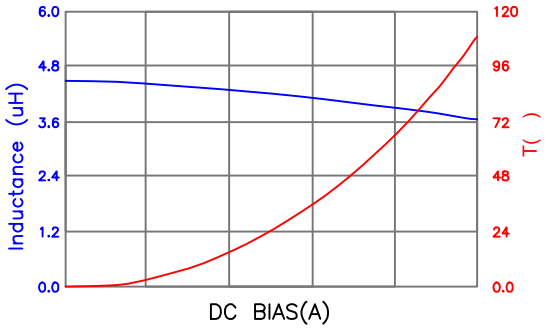
PHYSICAL DIMENSIONS:

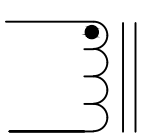
A	7.30	±	0.30
B	6.60	±	0.30
C	2.80	±	0.20
D	3.00	±	0.30
E	1.80	±	0.30



LAND PATTERNS FOR REFLOW SOLDERING







RoHS

ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	Max
INDUCTANCE (uH) L @ 100 KHz/1V ±20%	3.76	4.70	5.64
DCR (Ω)		0.037	0.040

Saturation Current[3] Isat (A)	10.0
Temperature Rise Current Irms [4](A)	5.5

NOTES: UNLESS OTHERWISE SPECIFIED

1. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
2. OPERATION TEMPERATURE RANGE: −55°C~+125°C (INCLUDING SELF−HEATING) .
3. DEFINITION OF SATURATION CURRENT (ISAT): DC CURRENT AT WHICH THE INDUCTANCE DROPS APPROXIMATELY 30% FROM ITS VALUE WITHOUT CURRENT (Ta=25±5°C).
4. DEFINITION OF TEMPERATURE RISE CURRENT (IRMS): DC CURRENT THAT CAUSES THE TEMPERATURE RISE APPROXIMATELY. Δt OF 40°C FROM 25°C AMBIENT.

DIMENSIONS ARE IN mm.

REV	DESCRIPTION	DATE	INT
P1	PRELIMINARY	8/29/16	QIU

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
MGV06034R7M−17	P1	POWER INDUCTOR	QIU

DATE:	SCALE:	SHEET:
8/29/16	NTS	1 of 1

CAD # MGV06034R7M−17−P1 TOOL # −