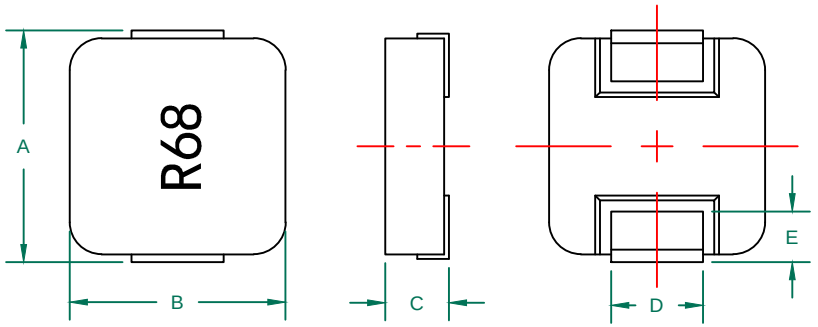
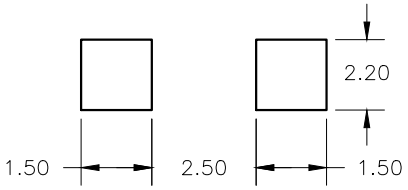
MGA0402R68M-10

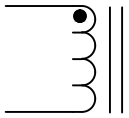
PHYSICAL DIMENSIONS:

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





RoHS

	Min	Nom	Max
INDUCTANCE (uH) L @ 100KHz/0.25V ±20%	0.544	0.68	0.816
DCR (Ω)			0.020

Saturation Current [3] Isat (A)	7.0
Temperature Rise Current Irms [4] (A)	5.0

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 APPROXIMATELY 30% FROM ITS VALUE WITHOUT CURRENT.
4. DEFINITION OF TEMPERATURE RISE CURRENT (IRMS): DC CURRENT THAT CAUSES THE TEMPERATURE RISE (ΔT ≤40°C) FROM 25°C AMBIENT.

DIMENSIONS ARE IN mm.

REV	DESCRIPTION	DATE	INT
A	ORIGINAL DRAFT	05/03/17	QIU

Laird

PROJECT/PART NUMBER: MGA0402R68M−10	REV: A	PART TYPE: POWER INDUCTOR	DRAWN BY: QIU
DATE: 05/03/17	SCALE: NTS	SHEET: 1 of 1	
CAD #: MGA0402R68M−10−A	TOOL #: −		