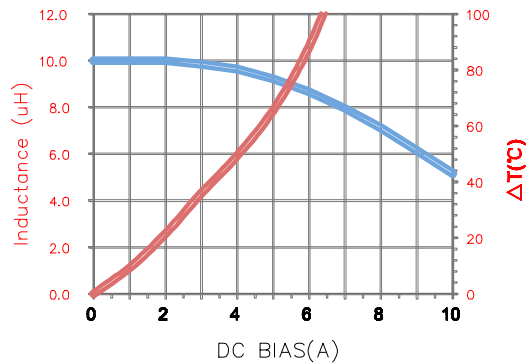
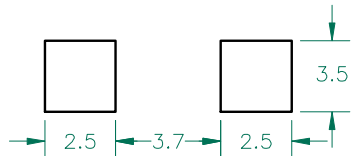


MGV0603100M-10

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

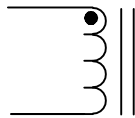
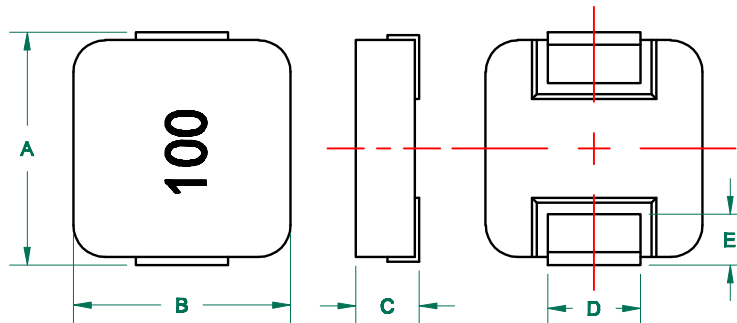
LAND PATTERNS FOR REFLOW SOLDERING



ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	Max
INDUCTANCE (uH) L @ 100 KHz/0.25V ± 20%	8.0	10.0	12.0
DCR (Ω)			0.105

Saturation Current ³ Isat (A)	7.00
Temperature Rise Current Irms ⁴ (A)	3.00




**UNCONTROLLED
DOCUMENT**



NOTES: UNLESS OTHERWISE SPECIFIED

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

DIMENSIONS ARE IN mm.				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.			
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	PROJECT/PART NUMBER: MGV0603100M-10			
REV	DESCRIPTION	DATE	INT	DATE: 12/19/11	SCALE: NTS	DRAWN BY: QIU	
				CAD #	TOOL #	SHEET: 2 of 2	
				MGV0603100M-10-F	-		