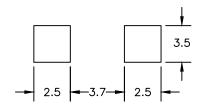
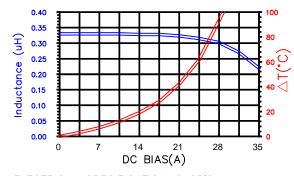
# MGV0603R33M-10

## PHYSICAL DIMENSIONS:

Α	7.30	±	0.50
В	6.70	±	0.30
С	3.00	±	0.30
D	2.90	±	0.30
Ε	1.60	<u>+</u>	0.50

#### LAND PATTERNS FOR REFLOW SOLDERING

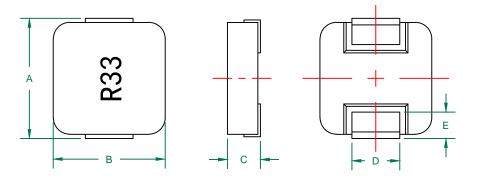




### ELECTRICAL SPECIFICATION @ 25°C

	Min	Norm	Max	
INDUCTANCE (uH) L @ 100 KHz/0.25V ± 20%	0.264	0.330	0.396	
DCR $(\Omega)$			0.0039	

Saturation Current <sup>3</sup> Isat (A)	30
Temperature Rise Current Irms <sup>4</sup> (A)	20







#### 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 25% FROM ITS VALUE WITHOUT CURRENT ( $Ta=25\pm5$ °C).
- 4. DEFINITION OF TEMPERATURE RISE CURRENT (IRMS): DC CURRENT THAT CAUSES THE TEMPERATURE RISE ( $\triangle$ T  $\leq$ 40°C) FROM 25°C AMBIENT.

DIMENSIONS ARE IN mm.			This print is the property of Lair						
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				PROJECT/PART NUMBER:		PART TY	-	DRAWN BY:	
С	CHANGE NOTE 3	04/22/15	QIU	│MGV0603R33M-10	C	PO\   INDU		QIU	
В	CHANGE NOTE 2.3.4	09/24/12	QIU	DATE: 06/27/12	CALE: N	TS T	SHEET:		
Α	ORIGINAL DRAFT	06/27/12	QIU	, ,	1N	13			
REV	DESCRIPTION	DATE	INT	MGV0603R33M-10-C		-	1	of 1	