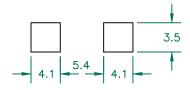
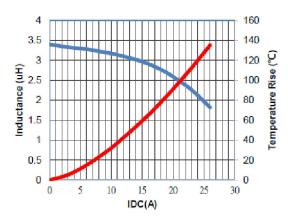
MGV10043R3M-12

PHYSICAL DIMENSIONS:

A 11.00 \pm 0.50 B 10.00 \pm 0.30 C 4.00 \pm 0.40 D 3.00 \pm 0.30 E 2.30 \pm 0.30

LAND PATTERNS FOR REFLOW SOLDERING

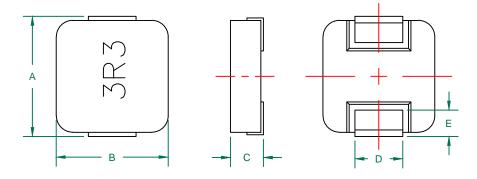




ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	Max	
INDUCTANCE (uH) L @ 100KHz/0.25V ± 20%	2.64	3.30	3.96	
DCR $(m\Omega)$			11.80	

Saturation Current ³ Isat (A)	20.00
Temperature Rise Current Irms ⁴ (A)	11.00







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 \pm 5°C).
- 4. DEFINITION OF TEMPERATURE RISE CURRENT (IRMS): DC CURRENT THAT CAUSES THE TEMPERATURE RISE (\triangle T APPROXIMATELY 40°C) FROM 25°C AMBIENT.

DIMENSIONS ARE IN mm.		This print is the property of Laird Tech, and is loaned in confidence	1						
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				rights to design or invention are					
				reserved.					
				PROJECT/PART NUMBER:	REV	PART TYP	E:	DRAWN BY:	
				MGV10043R3M-12	l A	POV	VER	Jonson	
				WIG VIOG TOTOM 12	1 ''	INDU	CTOR	0000	
					CALE: N	TS	SHEET:		
Α	ORIGINAL DRAFT	08/17/18	Jonso	CAD # TO	00L #	'			
REV	DESCRIPTION	DATE	INT	MGV10043R3M-12-A		-	1	of 1	