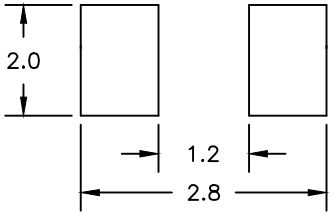
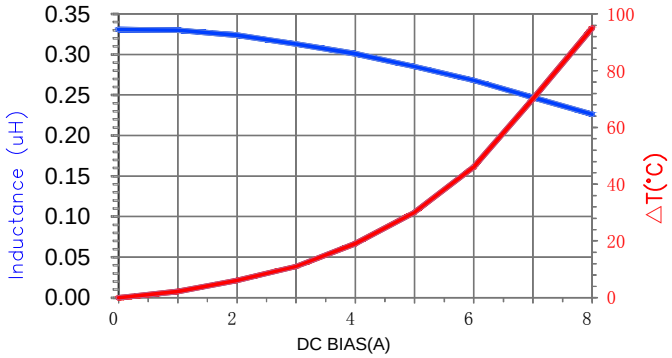
MGV252010SR33M-10

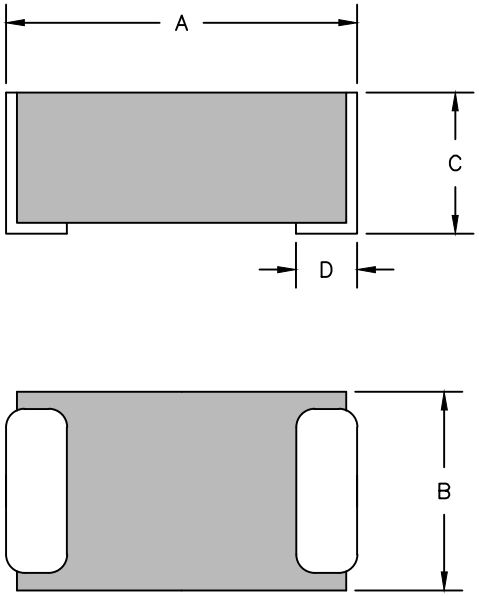
PHYSICAL DIMENSIONS:

A	2.50	±	0.20
B	2.00	±	0.20
C	1.00		Max.
D	0.60	±	0.30

LAND PATTERNS FOR REFLOW SOLDERING







RoHS

ELECTRICAL SPECIFICATION @ 25°C

	Min	Norm	Max
INDUCTANCE (uH) L @ 1MHz/1mA ±20%	0.264	0.33	0.396
DCR (Ω)		0.017	0.022
Saturation Current Isat (A)		7.30	6.50
Heating Current Irms (A)		5.60	4.80

NOTES:

1. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
2. TERMINATION FINISH IS 100% TIN.
3. OPERATING TEMPERATURE RANGE: −40°C ~ +125°C .
4. STORAGE TEMPERATURE RANGE: −50°C ~ +125°C .
5. ISat MEANS THAT MAX DC CURRENT WILL CAUSE A PROXIMATELY 30% INDUCTANCE REDUCTION FROM INITIAL VALUE.
6. Irms MEANS THAT MAX DC CURRENT WILL CAUSE PROXIMATELY 40°C TEMPERATURE RISE FROM 25±5°C AMBIENT.

DIMENSIONS ARE IN mm.

REV	DESCRIPTION	DATE	INT
A	NEW RELEASE	09/20/17	QIU

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
MGV252010SR33M−10	A	POWER INDUCTOR	QIU

DATE:	SCALE:	SHEET:
09/20/17	NTS	1 of 1

CAD # MGV252010SR33M−10−A

TOOL # −