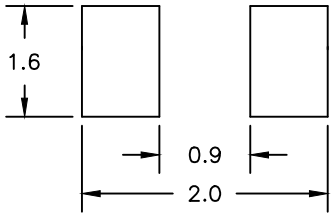
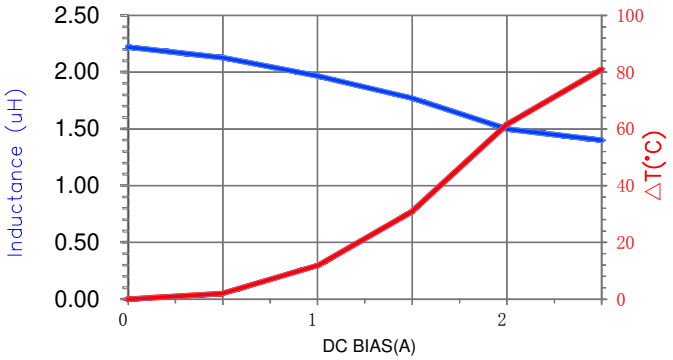
MGV2016102R2M-10

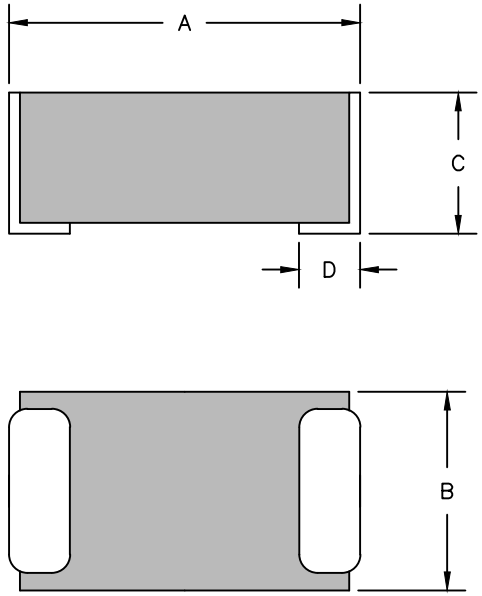
PHYSICAL DIMENSIONS:

A	2.00	±	0.20
B	1.60	±	0.20
C	1.00		Max.
D	0.50	±	0.30

LAND PATTERNS FOR REFLOW SOLDERING







RoHS

ELECTRICAL SPECIFICATION @ 25°C

	Min	Norm	Max
INDUCTANCE (uH) L @ 1MHz/1mA ±20%	1.76	2.20	2.64
DCR (Ω)		0.135	0.150
Saturation Current Isat (A)		1.90	1.71
Heating Current Irms (A)		1.70	1.50

NOTES:

1. OPERATING TEMPERATURE RANGE: −40°C ~ +125°C .
2. STORAGE TEMPERATURE RANGE: −40°C ~ +125°C .
3. Isat MEANS THAT MAX DC CURRENT WILL CAUSE APPROXIMATELY 30% INDUCTANCE REDUCTION FROM INITIAL VALUE.
4. Irms MEANS THAT MAX DC CURRENT WILL CAUSE COIL TEMPERATURE RISE APPROXIMATELY 40°C AT AMBIENT 25±5°C.

REV	DESCRIPTION	DATE	INT
A	ORIGINAL DRAFT	06/13/17	QIU

DIMENSIONS ARE IN mm.

Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
MGV2016102R2M−10	A	CHOKE INDUCTOR	QIU

DATE:	SCALE:	SHEET:
06/13/17	NTS	1 of 1

CAD # MGV2016102R2M−10−A

TOOL # −