

General Technical Details:

Applications: Storage inductor for high efficiency DC/DC converters
Especially used by buck converters
Filter for audio applications



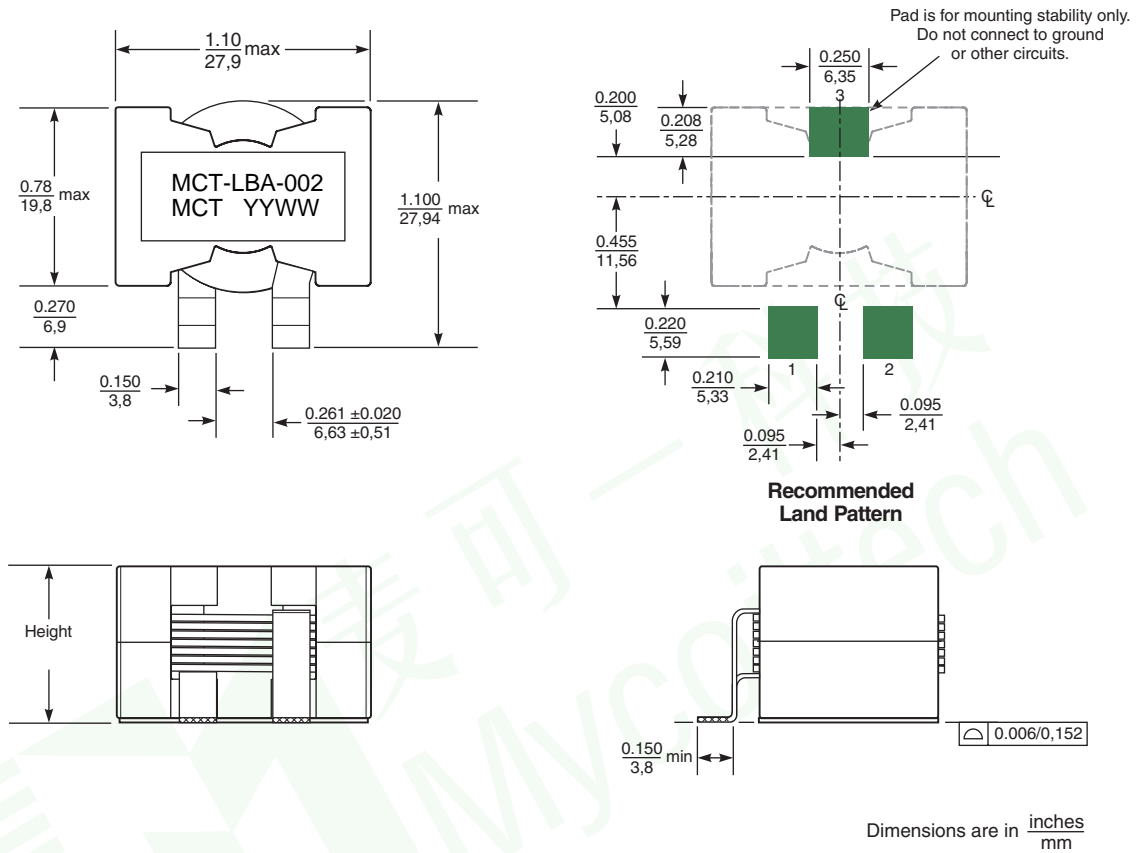
Characteristics: High saturation current
Very low core losses-ferrite(MnZn)
Operation temperature:-40° to+125° C
High current capability

Design: Ferrite core PQ20/16
Winding with flat copper-single layer
Less temperature rise
Terminals for SMD

Dimensions Tolerance: Housing: $\pm 0.8\text{mm}$
Terminal Length: $\pm 1.0\text{mm}$
Grid Size: $\pm 1.0\text{mm}$

SMD HIGH CURRENT CHOKES

Drawing with schematic:



Electrical Data and Part Number(PN):

I in A	L in uH	RDC/mΩ	PN
10.00	12	0.060	MCT-LBA-001
16.00	8.0	0.070	MCT-LBA-002
20.00	5.0	0.050	MCT-LBA-003
25.00	2.7	0.025	MCT-LBA-004
30.00	2.2	0.020	MCT-LBA-005

- Drawing is not to scale
- Customized in product can be checked on request
- Terminals: Flat copper wire