

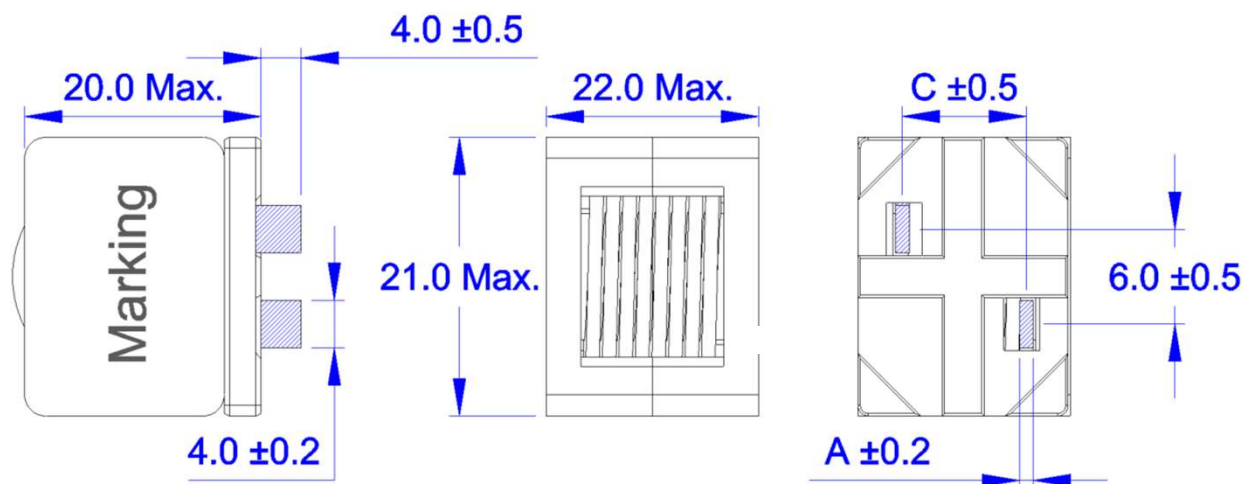


L1D-QMFHBF-220200-SERIES

■ Environmental data

- Operating temperature range : -55°C ~ +155°C(component)
- Storage conditions (packaged) : -25°C ~ +40°C, ≤75% RH
- Complies with AEC-Q200 standard

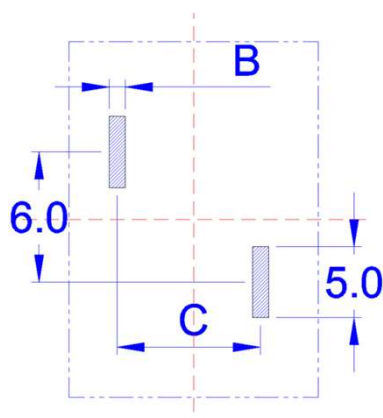
■ Dimensions [Unit : mm]



■ Picture



■ Recommended Hole Pattern [Unit : mm]



Inductance(uH)	2R7M	100M
A	1.4	1.0
B	2.4	2.0
C	13.8	14.7

■ Specifications

Part No.	L Inductance(uH) 100kHz, 1V	DCR (mΩ)	Saturation Current DC(A) a)	Heating Rating Current DC(A) b)
	± 20%	MAX.	TYP.	TYP.
L1D-QMFHBF-220200-6R8M	6.8	1.3	50	42
L1D-QMFHBF-220200-120M	12.0	2.8	150	30

■ Notes

* All test data is referenced to 25 °C ambient

a) DC current (A) that will cause L0 to drop approximately 30 %

b) DC current (A) that will cause an approximate ΔT of 40 °C