



L1D-QMFHBF-270250-SERIES

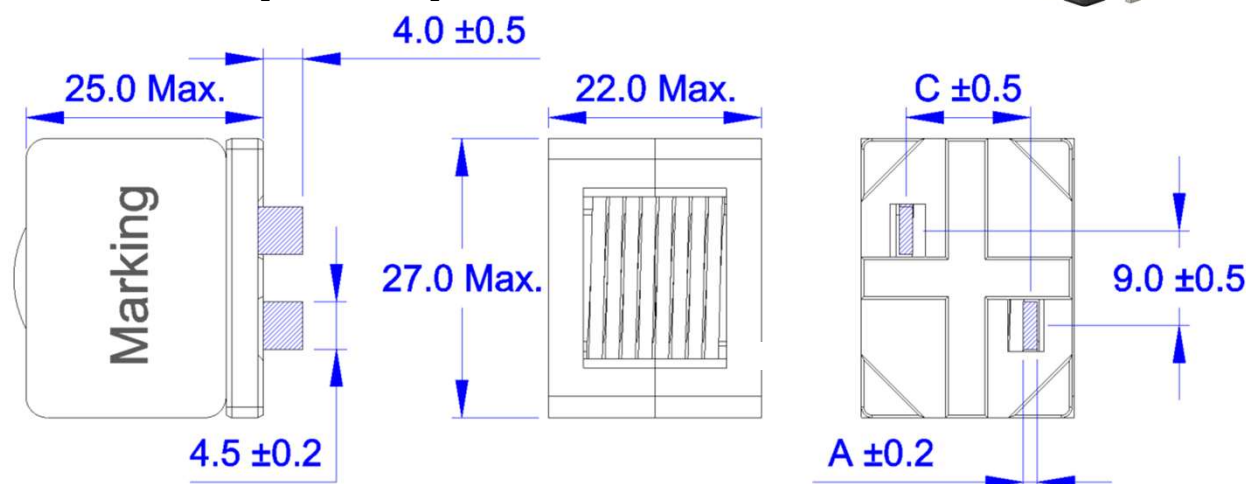
■ Environmental data

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

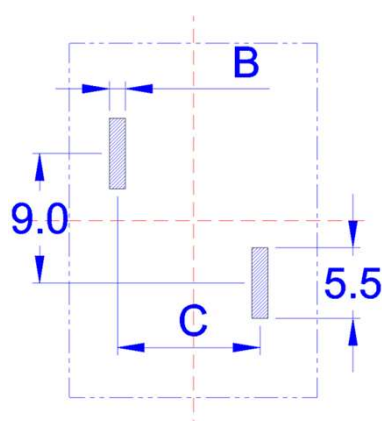
■ Picture



■ Dimensions [Unit : mm]



■ Recommended Hole Pattern [Unit : mm]



Inductance(uH)	2R7M	100M	220M
A	2.5	1.3	0.9
B	3.5	2.3	1.9
C	11.0	12.0	12.4

■ 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-270250-2R7M	2.7	0.27	121	78
L1D-QMFHBF-270250-100M	10.0	1.48	54	40
L1D-QMFHBF-270250-220M	22.0	3.24	42	28

■ 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