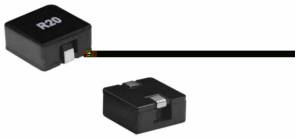
FHC Series

SMD Flat Wire High Current Inductor

Size 7030



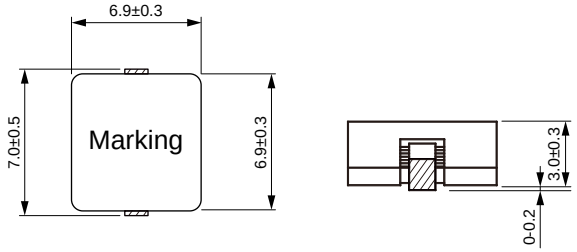
CHARACTERISTICS

- Low Rdc with flat wire design
- Low cooper losses at high frequency
- Magne c shielded structure
- Quan ty: 1500pcs

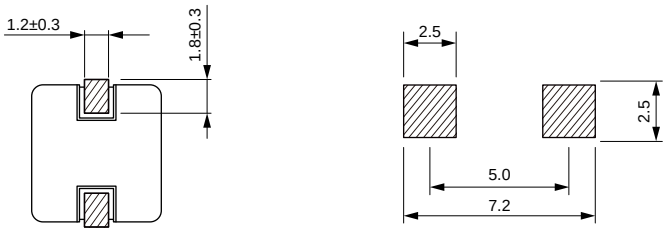
APPLICATION

- High current DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance	Tolerance	Temperature Rise Current	Current	DC Resistance Typ.	DC Resistance Max.
FHC7030-R13M	0.13	±20%	22.0	48.0	0.91	1.00
FHC7030-R22M	0.22	±20%	18.0	40.0	1.80	1.98
FHC7030-R52M	0.52	±20%	14.0	20.0	3.70	4.07
FHC7030-R95M	0.95	±20%	11.0	13.0	6.20	6.82
FHC7030-1R2M	1.20	±20%	8.50	13.0	8.60	9.46
FHC7030-1R5M	1.50	±20%	7.50	12.0	12.7	14.0
FHC7030-2R0M	2.00	±20%	6.50	9.00	14.2	15.6
FHC7030-3R3M	3.30	±20%	6.00	7.00	18.6	21.0

Opera ng Temperature : -40 ℃ to +125 ℃

Temperature Rise Current: the actual value of DC current when the temperature rise is ΔT50 ℃

Satura on Current that will cause ini al inductance to drop approximately 30%

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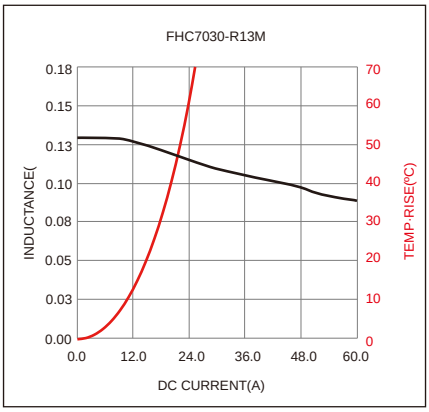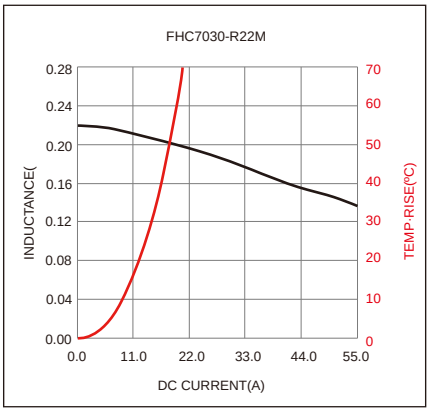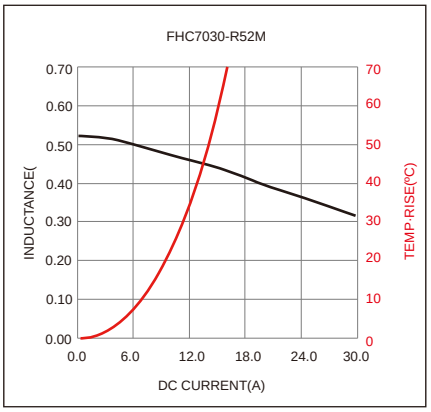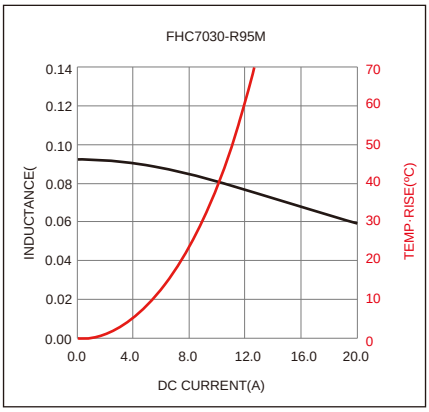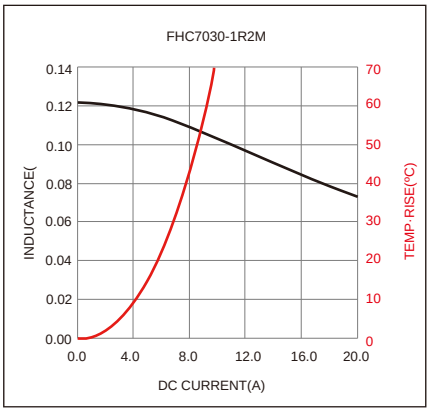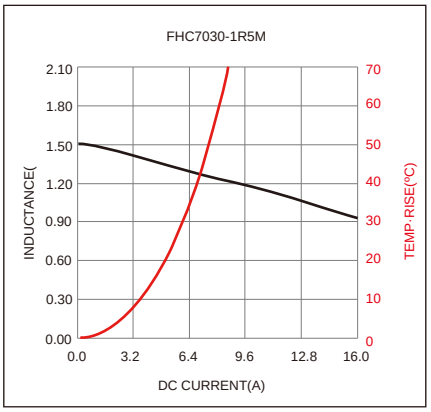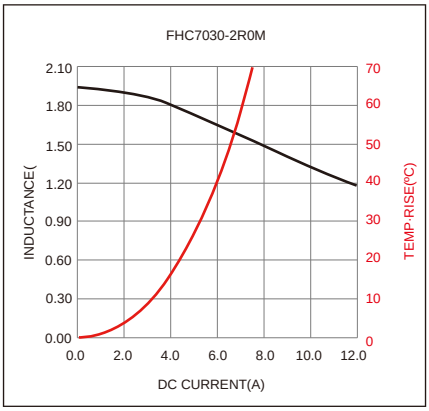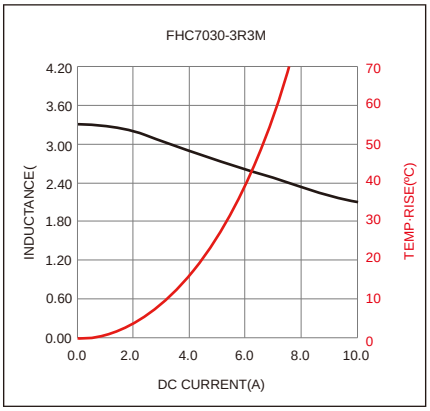
Typical Electrical Characteristics: