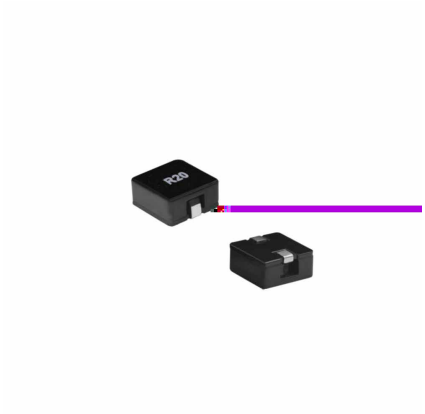
# FHC Series

SMD Flat Wire High Current Inductor

Size 7030



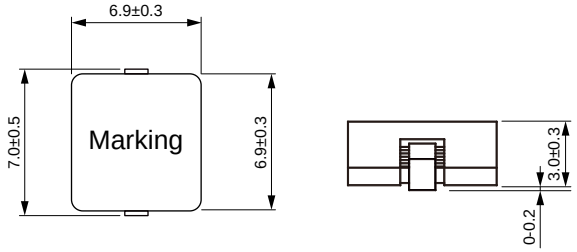
### CHARACTERISTICS

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

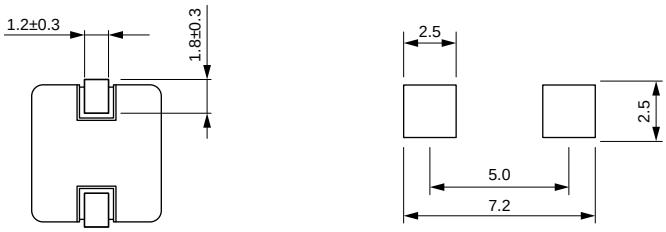
### APPLICATION

- High current DC/DC converter
- LC filter

## Dimensions: [mm]




## Land Pattern: [mm]




## Electrical Properties:

| | | | | | | |
|---|---|---|---|---|---|---|
| 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 |

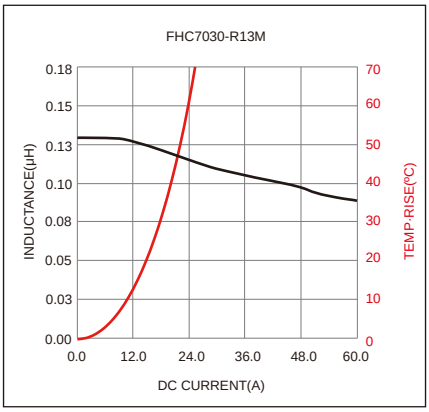
Opera ng Temperature : -40 ℃ to +125℃

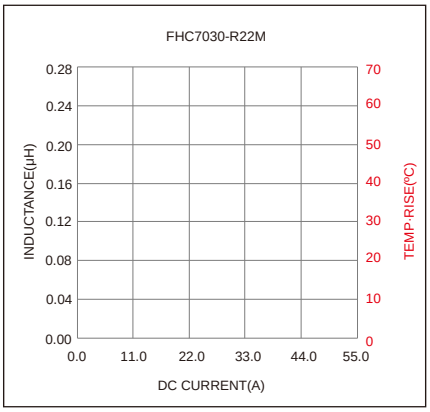
Temperature Rise Current: the actual value of DC current when the temperature rise is ΔT50℃

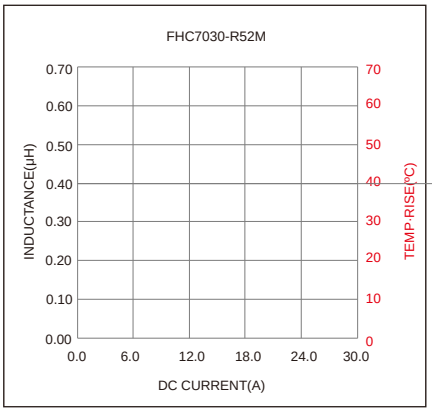
Satura on Current that will cause ini al inductance to drop approximately 30%

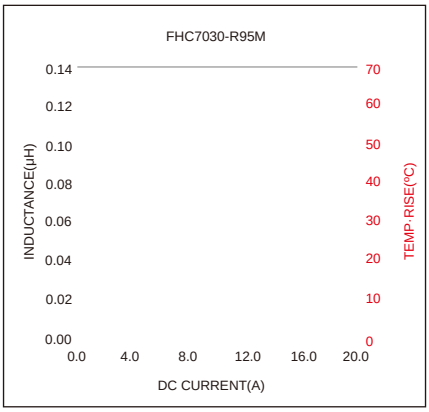

KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

# Typical Electrical Characteristics:




**KOHER Electronic**
**4546 BATES DRIVE, YORBLINDA CA 92886 USA**
**714-325-4789 Contact@kohergroup.com**