

FHC Series
SMD Flat Wire High Current Inductor
Size 1050



CHARACTERISTICS

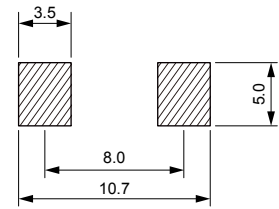
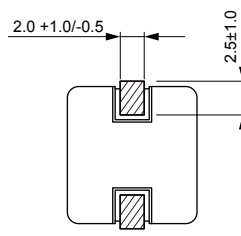
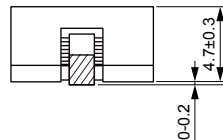
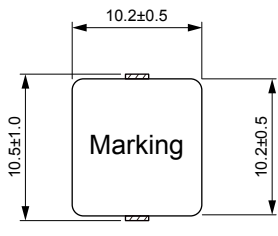
- Low Rdc with flat wire design
- Low cooper losses at high frequency
- Magnetic shielded structure
- Quantity: 700pcs

APPLICATION

- High current DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

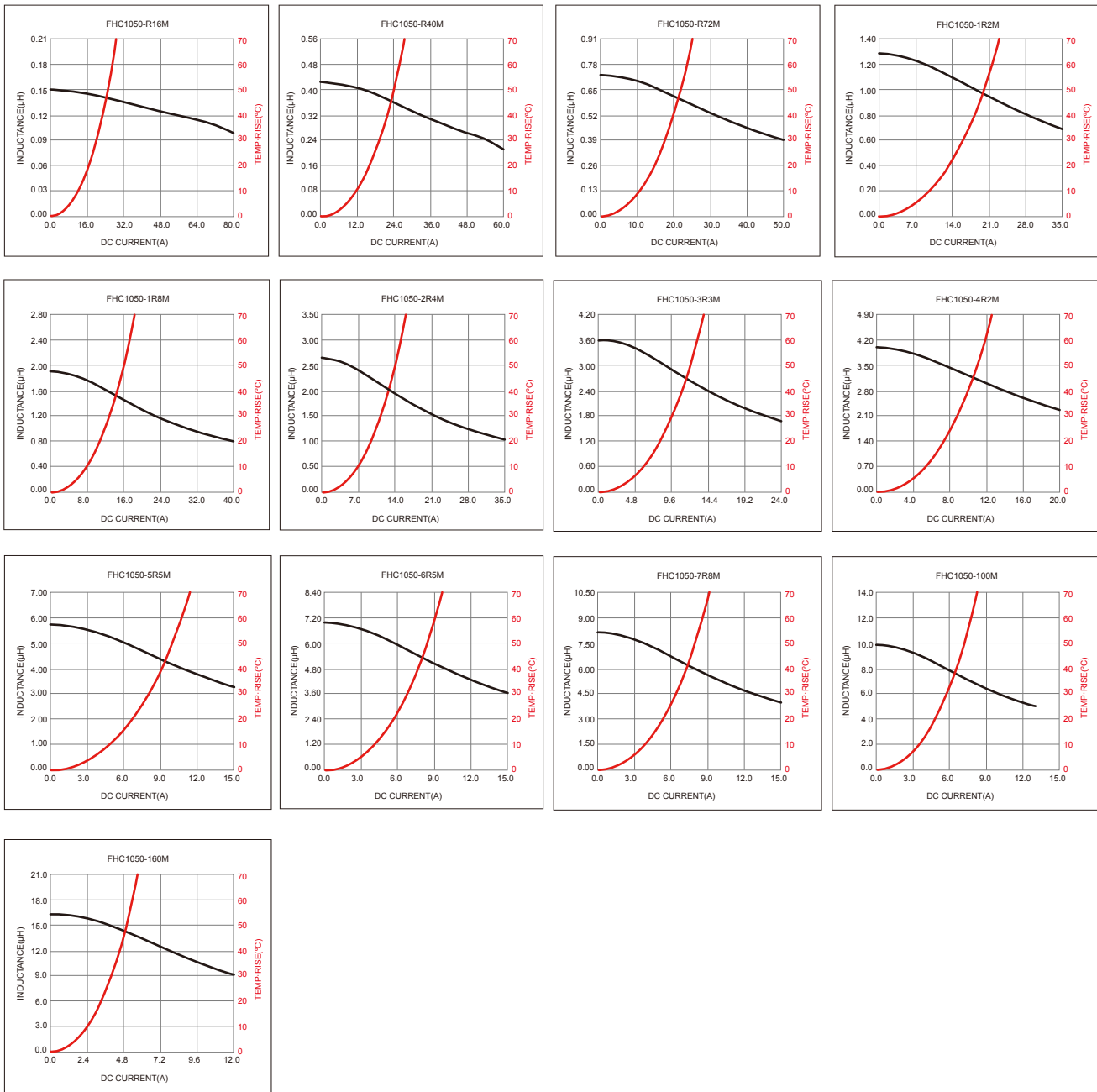
Part No	Inductance (μH)	Tolerance	Temperature Rise Current (A)	Saturation Current (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
FHC1050-R16M	0.16	±20%	25.0	58.0	0.56	0.70
FHC1050-R40M	0.40	±20%	24.0	37.0	0.67	0.74
FHC1050-R72M	0.72	±20%	22.0	35.0	1.30	1.43
FHC1050-1R2M	1.20	±20%	20.0	25.0	1.80	1.98
FHC1050-1R8M	1.80	±20%	16.0	18.0	3.50	3.85
FHC1050-2R4M	2.40	±20%	14.0	17.0	4.75	5.23
FHC1050-3R3M	3.30	±20%	12.0	15.0	5.90	6.49
FHC1050-4R2M	4.20	±20%	11.0	14.0	7.10	7.81
FHC1050-5R5M	5.50	±20%	10.0	12.0	10.3	11.3
FHC1050-6R5M	6.50	±20%	8.40	10.0	12.5	13.8
FHC1050-7R8M	7.80	±20%	8.00	9.50	13.6	15.0
FHC1050-100M	10.0	±20%	7.20	8.50	16.3	18.0
FHC1050-160M	16.0	±20%	5.00	6.50	34.5	38.0

Operating Temperature : -40 °C to +125 °C

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

Saturation Current that will cause initial inductance to drop approximately 30%

Typical Electrical Characteristics:



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [KOHER](#) manufacturer:

Other Similar products are found below :

[CR32NP-100KC](#) [CR54NP-470LC](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHQ1005P10NJ](#) [MHQ1005P1N0S](#) [MHQ1005P2N4S](#) [MHQ1005P3N6S](#)
[MHQ1005P5N1S](#) [MHQ1005P8N2J](#) [PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#)
[1206CS-471XJ](#) [HC2-R47-R](#) [HC8-1R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#)
[RCR110DNP-331L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-](#)
[223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#) [1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#)
[1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#)