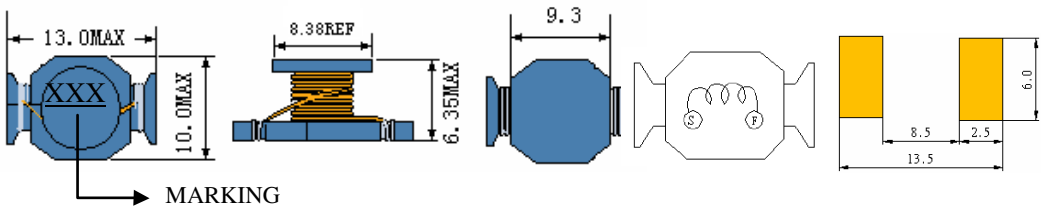
SC3316FH

SMD POWER INDUCTORS

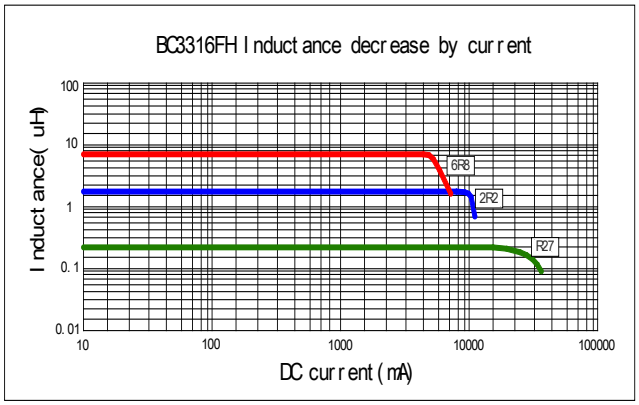


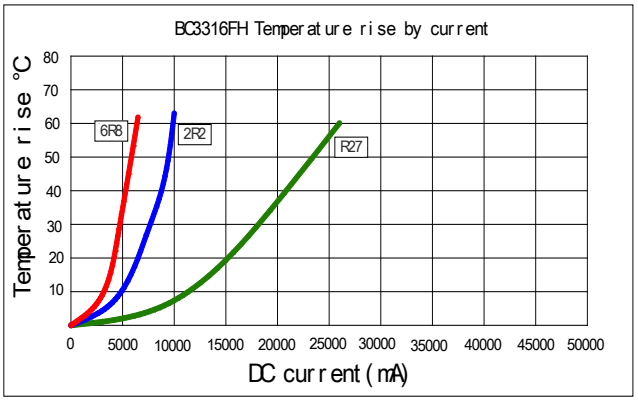
● Features

1. Open frame construction
2 Excellent Power Density
3 Engineered to Provide High Efficiency

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (3) (A)	Temperature Current (4) (A)
SC3316FH-R27	0.27	100KHZ	2.0m	20.0	17.8
SC3316FH-R56	0.56	100KHZ	5.0m	13.0	11.5
SC3316FH-1R0	1.0	100KHZ	6.0m	11.0	10.5
SC3316FH-1R5	1.5	100KHZ	8.0m	9.0	8.5
SC3316FH-2R2	2.2	100KHZ	11.0m	7.8	7.4
SC3316FH-2R7	2.7	100KHZ	12.0m	7.0	6.4
SC3316FH-3R3	3.3	100KHZ	14.0m	6.4	6.4
SC3316FH-4R7	4.7	100KHZ	18.0m	5.4	5.4
SC3316FH-6R8	6.8	100KHZ	22.0m	5.0	4.5





(1). Inductance tolerance for 0.27uH~3.3uH: ±30%, for 4.7uH~6.8uH: ±20%. Tested at 0.25V, 0ADC and 25℃.
(2). DCR measured at 25℃.
(3). The DC current at which the inductance decreases by 10% from its initial value.
(4). The DC current that results in a 40℃ temperature rise from 25℃ ambient.

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