



## OWI5022FH TYPE

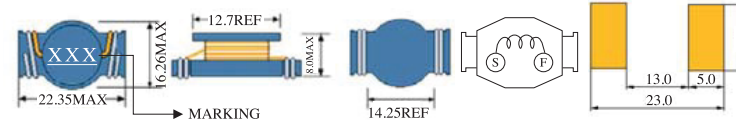


### FEATURES

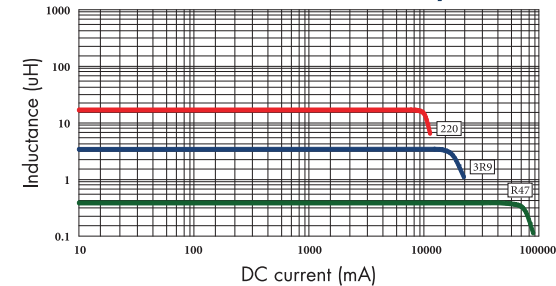
1. Various high power inductors are superior to be high saturation for surface mounting.

### APPLICATIONS

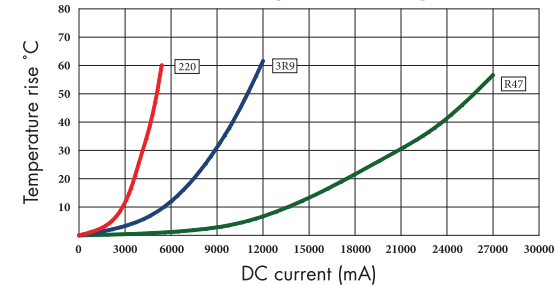
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI5022FH Inductance decrease by current



OWI5022FH Temperature rise by current



## ELECTRICAL CHARACTERISTICS FOR OWI5022FH SERIES

Part Number	Inductance (uH) <sup>(1)</sup>	Test Frequency	DC Resistance (Ω MAX) <sup>(2)</sup>	Saturation Current (A) <sup>(3)</sup>	Temperature Current (A) <sup>(4)</sup>
OWI5022FH-R47	0.47	100KHZ	2.0m	40	20.0
OWI5022FH-R82	0.82	100KHZ	2.6m	30	17.0
OWI5022FH-1R5	1.5	100KHZ	4.0m	25	14.2
OWI5022FH-2R2	2.2	100KHZ	6.1m	20	12.0
OWI5022FH-2R7	2.7	100KHZ	8.0m	18	10.0
OWI5022FH-3R3	3.3	100KHZ	9.0m	17	9.4
OWI5022FH-3R9	3.9	100KHZ	10m	15	9.0
OWI5022FH-4R7	4.7	100KHZ	14m	13	8.0
OWI5022FH-6R8	6.8	100KHZ	18m	12	6.5
OWI5022FH-100	10	100KHZ	26m	10	6.0
OWI5022FH-150	15	100KHZ	32m	8.0	4.8
OWI5022FH-220	22	100KHZ	50m	7.6	3.6

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1. Inductance tested at 0.25V. Tolerance of inductance:  
0.47uH~4.7uH: ±30%(N) 6.8uH~220uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.