



OWIRH129 TYPE

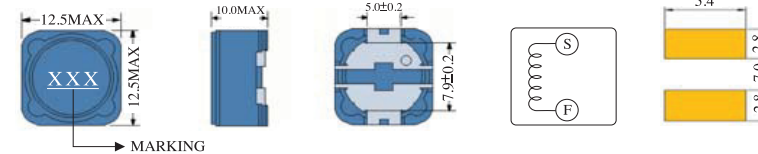


FEATURES

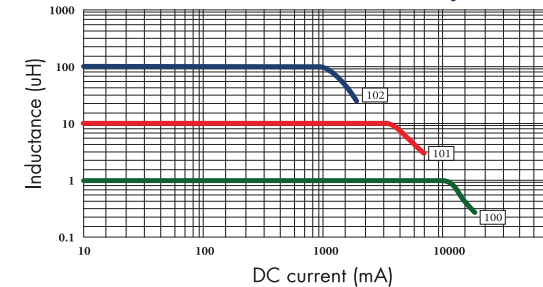
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

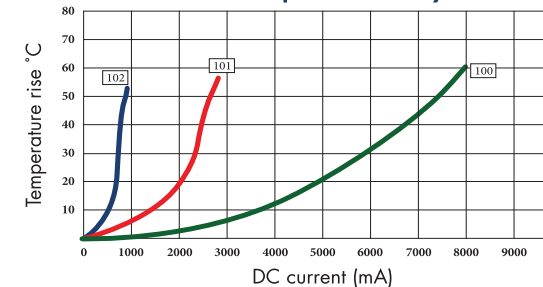
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH129 Inductance decrease by current



OWIRH129 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRH129 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH129-100	10	1KHZ	21m	8.5	6.00
OWIRH129-120	12	1KHZ	22m	8.0	5.40
OWIRH129-150	15	1KHZ	27m	7.5	5.00
OWIRH129-180	18	1KHZ	31.5m	6.8	4.61
OWIRH129-220	22	1KHZ	39m	6.5	4.38
OWIRH129-270	27	1KHZ	49.5m	5.0	4.16
OWIRH129-330	33	1KHZ	63m	4.8	3.80
OWIRH129-390	39	1KHZ	70m	4.5	3.61
OWIRH129-470	47	1KHZ	80m	4.0	3.42
OWIRH129-560	56	1KHZ	90m	3.8	3.00
OWIRH129-680	68	1KHZ	100m	3.2	2.70
OWIRH129-820	82	1KHZ	127m	3.0	2.43
OWIRH129-101	100	1KHZ	156m	2.5	2.30
OWIRH129-121	120	1KHZ	183m	2.2	2.20
OWIRH129-151	150	1KHZ	223m	2.0	2.10
OWIRH129-181	180	1KHZ	274m	1.9	1.80
OWIRH129-221	220	1KHZ	361m	1.8	1.53
OWIRH129-271	270	1KHZ	418m	1.5	1.40
OWIRH129-331	330	1KHZ	495m	1.3	1.30
OWIRH129-391	390	1KHZ	556m	1.2	1.23
OWIRH129-471	470	1KHZ	742m	1.1	1.10
OWIRH129-561	560	1KHZ	872m	1.0	1.00
OWIRH129-681	680	1KHZ	1.11	0.9	0.85
OWIRH129-821	820	1KHZ	1.22	0.8	0.76
OWIRH129-102	1000	1KHZ	1.34	0.7	0.72

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1. Inductance tested at 0.25V. Tolerance of inductance: ±20%!
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 25 lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambient 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.