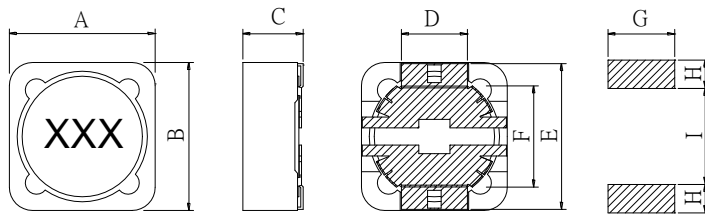


Power Choke - YC129RT Series

EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G	H	I
YC129RT	12.0±0.3	12.0±0.3	9.5±0.5	4.9±0.1	12±0.1	7.9±0.1	5.4	2.6	7.4

YC129RT Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Rated DC Current (A)Max.
YC129RT*5R6□S	5.6	10	14	6.0
YC129RT*180□S	18	10	60	5.0
YC129RT*220□S	22	10	68	5.0
YC129RT*330□S	33	10	80	5.0
YC129RT*470□S	47	10	80	3.0
YC129RT*101□S	100	10	180	3.0
YC129RT*151□S	150	10	180	2.0

NOTE: □Tolerance value : K = ±10%, M = ±20%. N = ±30%.

Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR meter or equivalent.
- Maximum allowable DC current is that which causes a 25% inductance reduction of the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)
- Operating temperature : -25°C~+85°C.

Features

- Magnetic Shielded surface mount inductor with high current rating.
- Low resistance to keep power loss minimum.

Applications

- Excellent for power line DC-DC conversion application used in hard disk, notebook computers and other electronic equipment.