

INTEGRATED MOLDED INDUCTOR

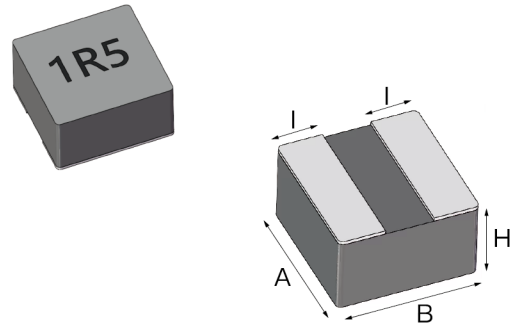
HZJE0503

Features:

- Closed magnetic circuit design, strong anti-interference capability and low noise.
- Compact structure, with the lowest DC resistance and relatively high inductance.
- Strong anti-saturation capability and low loss.
- Good high-frequency characteristics, with an operating frequency of up to 5MHz.

Application :

- Automotive Electronics.
- Artificial Intelligence.
- Communication Base Stations.
- New Energy, Consumer Electronics.
- Server Applications.
- Computer Motherboards, Laptops.



Series	A (mm)	B (mm)	H (mm)	I (mm)
HZJE0503	5.4±0.3	5.2±0.3	3.0Max	1.7 typ

Part No.	Inductance	DC resistance	Heat rating current	Saturation current
	100KHz/1.0V	Max.	Typ.	Typ.
	L / μ H	DCR / m Ω	I _{rms} / A	I _{sat} / A
HZJE0503-R15MT	0.15±20%	2.31	22.20	36.00
HZJE0503-R47MT	0.47±20%	4.13	18.40	26.00
HZJE0503-R56MT	0.56±20%	4.52	17.70	22.20
HZJE0503-R80MT	0.80±20%	5.65	13.10	20.00
HZJE0503-1R0MT	1.0±20%	7.60	12.20	16.50
HZJE0503-1R2MT	1.2±20%	9.70	11.00	15.00
HZJE0503-1R5MT	1.5±20%	11.20	10.50	14.00
HZJE0503-1R8MT	1.8±20%	12.70	10.10	12.30
HZJE0503-2R2MT	2.2±20%	14.50	9.70	10.00
HZJE0503-3R3MT	3.3±20%	23.10	8.10	9.50
HZJE0503-4R7MT	4.7±20%	36.30	5.90	8.20