

MOX-FCB-0201-SERIES



MoxiE[®]
INDUCTOR CORPORATION

SURFACE MOUNT FERRITE CHIP BEADS (0201 SIZE)

- Ultra miniature 0201 EIA package.
- Robust monolithic construction.
- Excellent impedance vs. frequency characteristics with low DCR.
- Industrial operating temperature: -55°C to +125°C.
- Excellent solderability & resistance to soldering heat.
- RoHS compliant.
- MoxiE Inductor Corporation custom designs available.

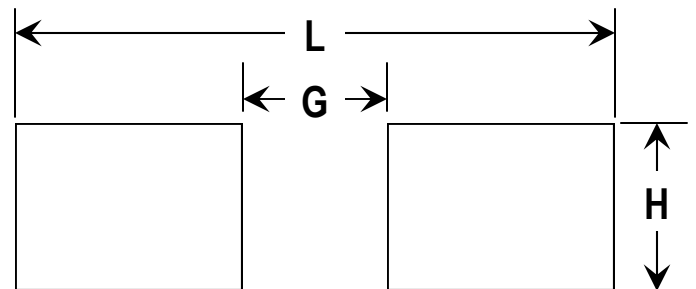
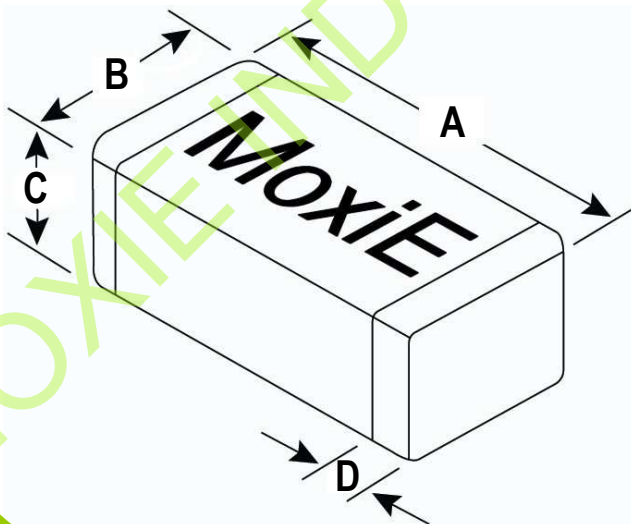


PART NUMBERS

MOXIE PART NUMBER	A (LENGTH)	B (WIDTH)	D (THICKNESS)	D (TERMINAL)	G (PCB)	H (PCB)	L (PCB)
MOX-FCB-0201	0.60 ± 0.03	0.30 ± 0.03	0.30 ± 0.03	0.15 ± 0.05	0.30 REF.	0.30 REF.	0.80 REF.



MECHANICAL DIMENSIONS



ALL DIMENSIONS IN MM

MOX-FCB-0201-SERIES



ELECTRICAL SPECIFICATIONS

MOXIE PART NUMBER	IMPEDANCE (Ω)	TEST FREQUENCY (MHz)	RATED CURRENT (mA)	DCR (Ω MAX.)	OPERATING TEMPERATURE RANGE
MOX-FCB-0201-10R	10.0 (Typ.)	60mV/100MHz	500.0	0.10	-55°C to +125°C
MOX-FCB-0201-70R	70.0 (Typ.)	60mV/100MHz	200.0	0.37	-55°C to +125°C
MOX-FCB-0201-80R	80.0 \pm 25%	60mV/100MHz	200.0	0.40	-55°C to +125°C
MOX-FCB-0201-120R	120.0 \pm 25%	60mV/100MHz	200.0	0.48	-55°C to +125°C
MOX-FCB-0201-240R	240.0 \pm 25%	60mV/100MHz	200.0	0.75	-55°C to +125°C
MOX-FCB-0201-600R	600.0 \pm 25%	60mV/100MHz	100.0	1.45	-55°C to +125°C
MOX-FCB-0201-101R	1000.0 \pm 25%	60mV/100MHz	100.0	2.45	-55°C to +125°C



PACKAGING

MOXIE PART NUMBER	PACKAGING	QUANTITY PER REEL
MOX-FCB-0201 SERIES	TAPE & REEL	15000



ENGINEERING NOTES

- TEMPERATURE RISE: 30°C MAXIMUM.
- RATED CURRENT BASED ON TEMPERATURE RISE.
- STORAGE TEMPERATURE: -55°C TO +155°C.
- RESISTANCE TO SOLDERING HEAT: +260°C.
- RoHS COMPLIANT.
- MOXIE INDUCTOR CORPORATION SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- MOXIE INDUCTOR CORPORATION CUSTOM DESIGNS ARE SUBJECT TO UNITED STATES COPYRIGHT AND OR PATENT PROTECTION(S).

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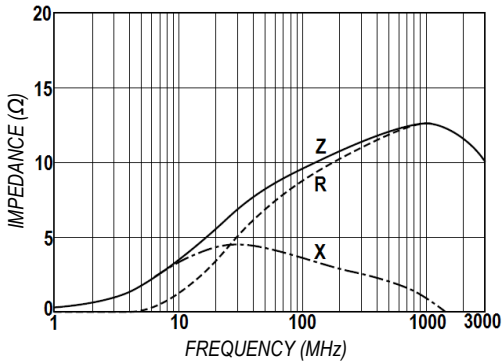


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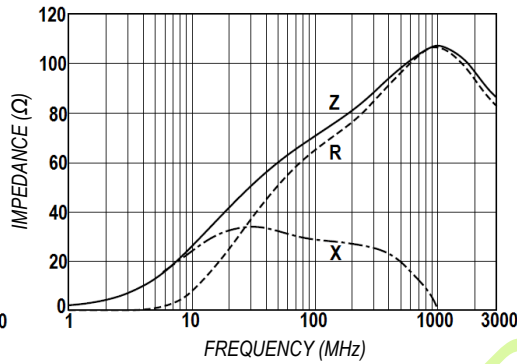


IMPEDANCE-FREQUENCY CHARACTERISTICS

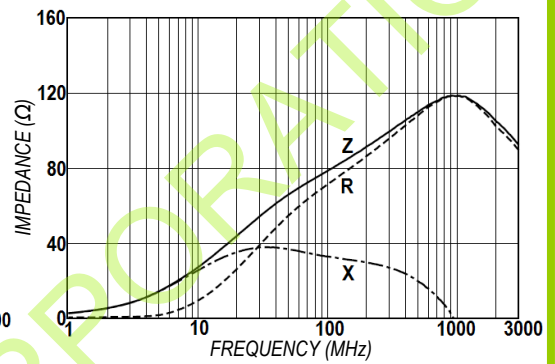
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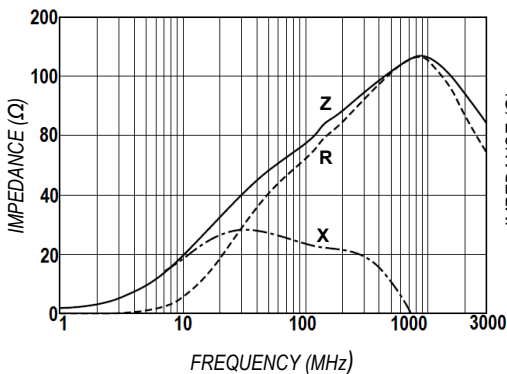
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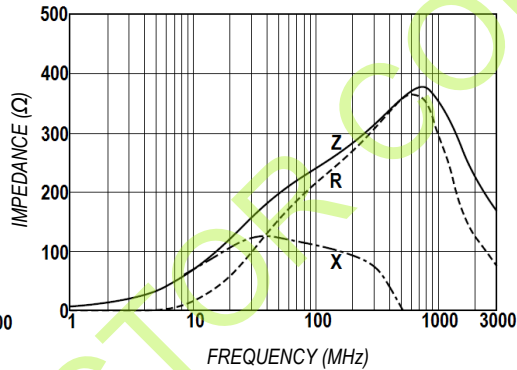
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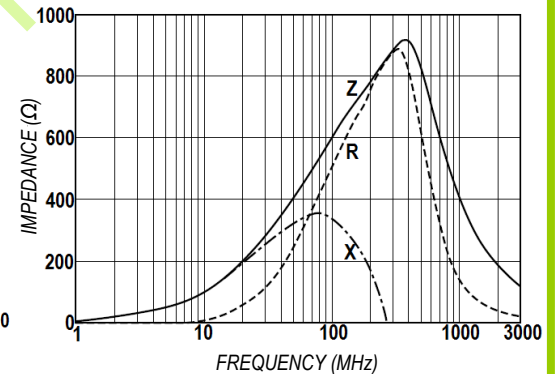
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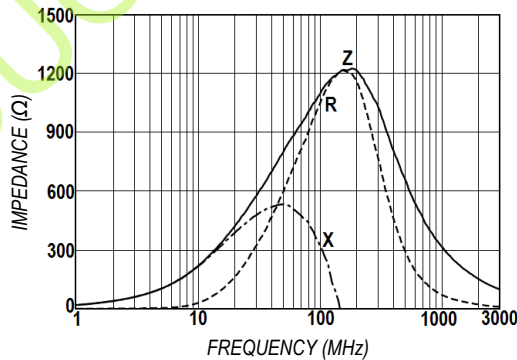
MOX-FCB-0201-240R



MOX-FCB-0201-600R



MOX-FCB-0201-101R



- TEMPERATURE RISE: 30°C MAXIMUM.
- RATED CURRENT BASED ON TEMPERATURE RISE.
- STORAGE TEMPERATURE: -55°C TO +155°C.
- RESISTANCE TO SOLDERING HEAT: +260°C.
- RoHS COMPLIANT.
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