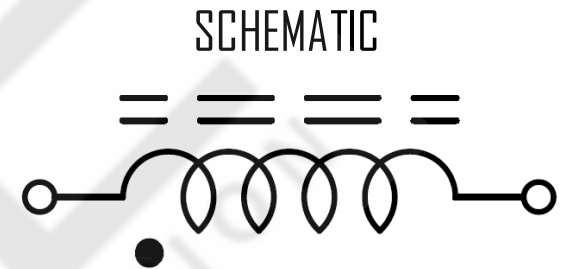
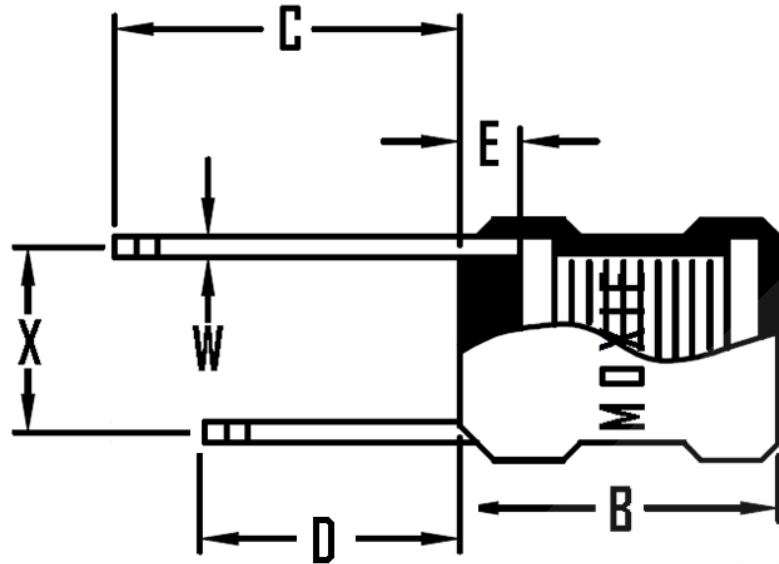


MECHANICAL (mm)



A	B	C	D	E	W	X
8.70±0.50	12.00±1.00	25.00±5.00	18.00±5.00	2.50 MAX.	0.65± 0.10	5.00±0.80

MOXIE NOTES:

The following MoxiE Inductor Corporation Specification shall be considered Confidential in nature. Each person or persons in receipt of this specification shall not disclose any confidential information in whole or in part without written authorization from MoxiE Inductor Corporation.

- Operating temperature: -40°C to +125°C.
- Storage temperature: -40°C to +125°C.
- Packaging: 400 pieces per tray.
- RoHS Compliant.
- MoxiE Inductor Corporation custom designs are subject to United States copyright and or patent protection(s).
- MoxiE Inductor Corporation specifications are subject to change without notice.
- Tolerances unless otherwise specified: 0~10=±0.15, 10~20=±0.20, 20~40=±0.25, 40~70=±0.30, ≥70=±0.40

MoxiE
INDUCTOR CORPORATION

(888)535.5207 WWW.MOXIEINDUCTORS.COM

RADIAL LEADED CHOKE COIL

MOX-RLCC-0812 SERIES

PAGE 1/3

REV. A

DWG NUMBER: MOXRLCC0812

ELECTRICAL @ 25°C

MoxiE Part Number	Inductance (μH)	Q Min.	Test Frequency (MHz)	SRF (MHz) Min.	RDC (Ω) Max.	IDC (A) Max.
MOX-RLCC-0812-3R3M	3.3 \pm 20%	20	IV/7.96	70.0	0.027	3.60
MOX-RLCC-0812-4R7M	4.7 \pm 20%	20	IV/7.96	50.0	0.033	3.20
MOX-RLCC-0812-6R8M	6.8 \pm 20%	20	IV/7.96	30.0	0.039	3.00
MOX-RLCC-0812-100K	10.0 \pm 10%	50	IV/2.52	20.0	0.048	2.70
MOX-RLCC-0812-120K	12.0 \pm 10%	50	IV/2.52	15.0	0.055	2.50
MOX-RLCC-0812-150K	15.0 \pm 10%	50	IV/2.52	10.0	0.060	2.40
MOX-RLCC-0812-180K	18.0 \pm 10%	40	IV/2.52	9.5	0.065	2.30
MOX-RLCC-0812-220K	22.0 \pm 10%	40	IV/2.52	9.0	0.090	1.90
MOX-RLCC-0812-270K	27.0 \pm 10%	40	IV/2.52	8.5	0.110	1.80
MOX-RLCC-0812-330K	33.0 \pm 10%	40	IV/2.52	8.0	0.120	1.70
MOX-RLCC-0812-390K	39.0 \pm 10%	30	IV/2.52	7.0	0.130	1.60
MOX-RLCC-0812-470K	47.0 \pm 10%	30	IV/2.52	6.0	0.140	1.50
MOX-RLCC-0812-560K	56.0 \pm 10%	30	IV/2.52	5.0	0.200	1.30
MOX-RLCC-0812-680K	68.0 \pm 10%	30	IV/2.52	4.5	0.210	1.20

MOXIE NOTES:

The following MoxiE Inductor Corporation Specification shall be considered Confidential in nature. Each person or persons in receipt of this specification shall not disclose any confidential information in whole or in part without written authorization from MoxiE Inductor Corporation.

- Operating temperature: -40°C to +125°C.
- Storage temperature: -40°C to +125°C.
- Packaging: 400 pieces per tray.
- RoHS Compliant.
- MoxiE Inductor Corporation custom designs are subject to United States copyright and or patent protection(s).
- MoxiE Inductor Corporation specifications are subject to change without notice.
- Tolerances unless otherwise specified: 0~10= \pm 0.15, 10~20= \pm 0.20, 20~40= \pm 0.25, 40~70= \pm 0.30, \geq 70= \pm 0.40

MoxiE
INDUCTOR CORPORATION

(888)535.5207 WWW.MOXIEINDUCTORS.COM

RADIAL LEADED CHOKE COIL

MOX-RLCC-0812 SERIES

PAGE 2/3

REV. A

DWG NUMBER: MOXRLCC0812

ELECTRICAL @ 25°C

MoxiE Part Number	Inductance (μH)	Q Min.	Test Frequency (MHz)	SRF (MHz) Min.	RDC (Ω) Max.	IDC (A) Max.
MDX-RLCC-0812-820K	82.0 \pm 10%	30	IV/2.52	4.0	0.230	1.10
MDX-RLCC-0812-101K	100.0 \pm 10%	30	IV/0.796	3.5	0.280	1.00
MDX-RLCC-0812-121K	120.0 \pm 10%	30	IV/0.796	3.0	0.320	0.90
MDX-RLCC-0812-151K	150.0 \pm 10%	30	IV/0.796	2.8	0.370	0.80
MDX-RLCC-0812-181K	180.0 \pm 10%	30	IV/0.796	2.6	0.540	0.75
MDX-RLCC-0812-221K	220.0 \pm 10%	30	IV/0.796	2.4	0.600	0.70
MDX-RLCC-0812-271K	270.0 \pm 10%	20	IV/0.796	2.2	0.680	0.65
MDX-RLCC-0812-331K	330.0 \pm 10%	20	IV/0.796	2.0	0.760	0.60
MDX-RLCC-0812-391K	390.0 \pm 10%	20	IV/0.796	1.9	0.850	0.55
MDX-RLCC-0812-471K	470.0 \pm 10%	20	IV/0.796	1.8	1.300	0.50
MDX-RLCC-0812-561K	560.0 \pm 10%	20	IV/0.796	1.7	1.400	0.45
MDX-RLCC-0812-681K	680.0 \pm 10%	20	IV/0.796	1.6	1.600	0.40
MDX-RLCC-0812-821K	820.0 \pm 10%	20	IV/0.796	1.5	1.800	0.35
MDX-RLCC-0812-103K	1000.0 \pm 10%	40	IV/0.252	1.3	2.100	0.30

MOXIE NOTES:

The following MoxiE Inductor Corporation Specification shall be considered Confidential in nature. Each person or persons in receipt of this specification shall not disclose any confidential information in whole or in part without written authorization from MoxiE Inductor Corporation.

- Operating temperature: -40°C to +125°C.
- Storage temperature: -40°C to +125°C.
- Packaging: 400 pieces per tray.
- RoHS Compliant.
- MoxiE Inductor Corporation custom designs are subject to United States copyright and or patent protection(s).
- MoxiE Inductor Corporation specifications are subject to change without notice.
- Tolerances unless otherwise specified: 0~10= \pm 0.15, 10~20= \pm 0.20, 20~40= \pm 0.25, 40~70= \pm 0.30, \geq 70= \pm 0.40

MoxiE
INDUCTOR CORPORATION

(888)535.5207 WWW.MOXIEINDUCTORS.COM

RADIAL LEADED CHOKE COIL

MDX-RLCC-0812 SERIES

PAGE 3/3

REV. A

DWG NUMBER: MDXRLCC0812