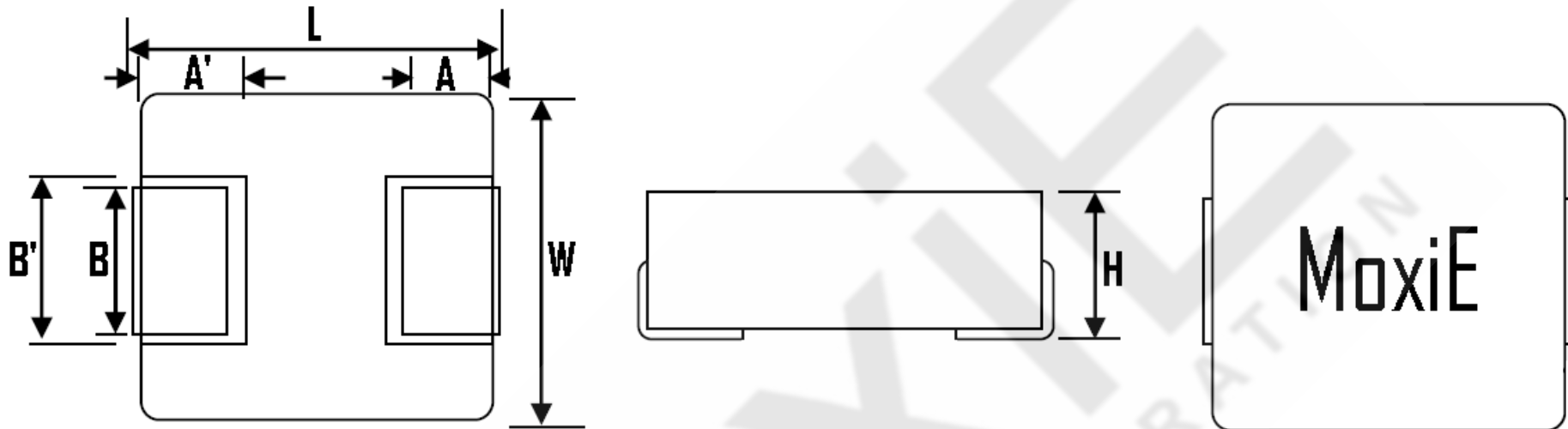


MECHANICAL (mm)



A	A'	B	B'	W	L	H
1.60 ± 0.4	2.00 ± 0.1	3.00 ± 0.3	3.40 ± 0.2	6.65 ± 0.2	7.40 MAX.	5.00 MAX.

MOXIE NOTES:

- Packaging: 1,000 pcs per reel (Ø330mm reel size)
- Operating temperature: -55°C to +125°C.
- Storage temperature: -40°C to +85°C.
- Inductance is measured on HP-4284A precision LCR meter under 0.25V, 100KHz.
- RDC is measured on HP 4338B milliohm meter (or equivalent)
- Isat: Based on inductance change ($\Delta L/L_0$: ≤ -30%)
- Irat: Based on temperature rise (ΔT : 40°C TYP.)
- 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.

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HIGH CURRENT SURFACE MOUNT POWER INDUCTOR

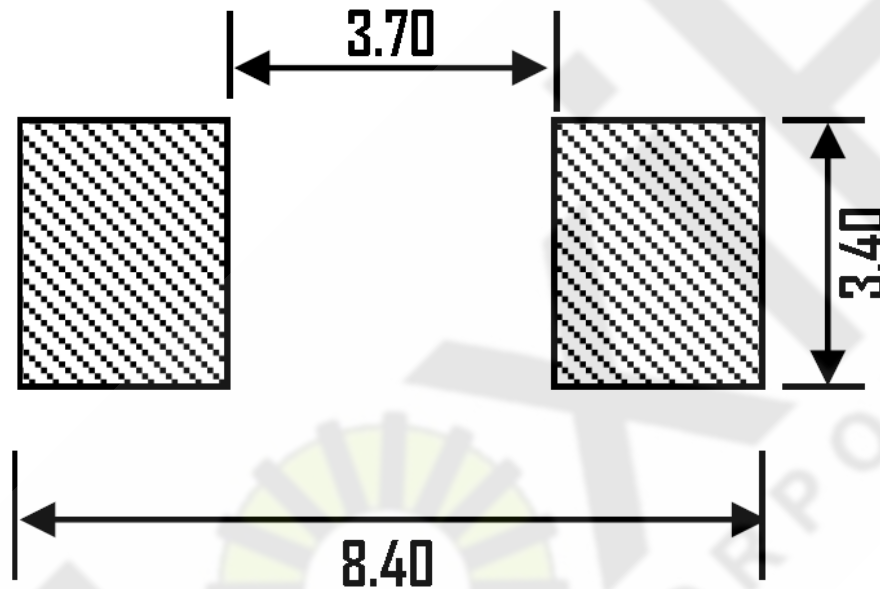
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REV. B

DWG NUMBER: MOXSPI2525V

PCB LAYOUT (mm)



MOXIE NOTES:

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REV. B

DWG NUMBER: MOXSPI2525V

ELECTRICAL @ 25°C

MOXIE PART NUMBER	INDUCTANCE (μ H)	TOLERANCE (\pm)	DCR (Ω) TYP.	DCR (Ω) MAX.	ISAT (A)	IRAT (A)
MDX-SPI-2525V-R56M	0.56	20%	0.0032	0.0035	20.00	18.00
MDX-SPI-2525V-R68M	0.68	20%	0.0042	0.0044	18.00	15.00
MDX-SPI-2525V-1R0M	1.00	20%	0.0055	0.0064	15.00	13.00
MDX-SPI-2525V-1R5M	1.50	20%	0.0085	0.0089	12.00	11.00
MDX-SPI-2525V-2R2M	2.20	20%	0.0120	0.0135	10.00	8.00

MOXIE NOTES:

- Packaging: 1,000 pcs per reel (Ø330mm reel size)
- Operating temperature: -55°C to +125°C.
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- Inductance is measured on HP-4284A precision LCR meter under 0.25V, 100KHz.
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REV. B

DWG NUMBER: MDXSPI2525V