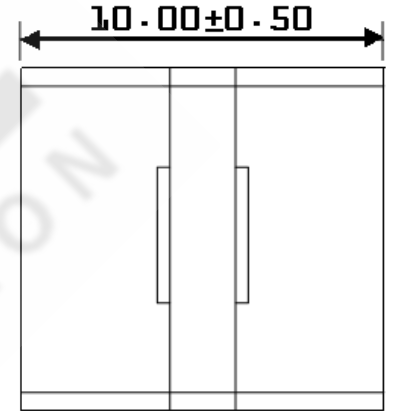
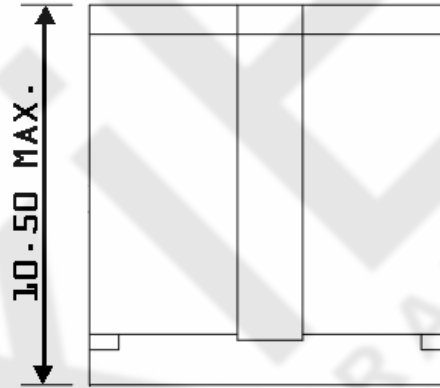
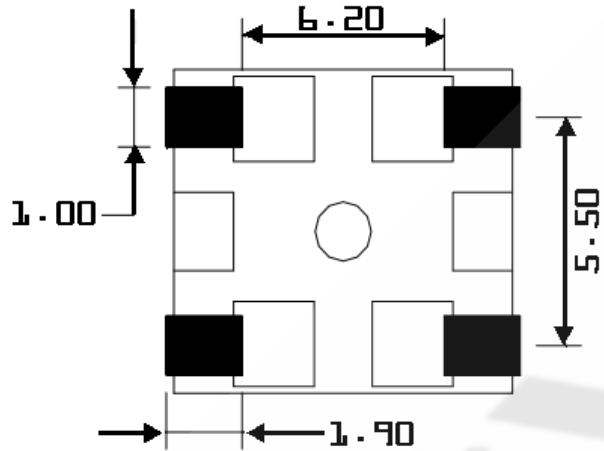


MECHANICAL (mm)



MOXIE NOTES:

- Operating temperature: -40°C to $+85^{\circ}\text{C}$.
- Storage temperature: -40°C to $+85^{\circ}\text{C}$.
- Measurement Frequency for Inductance : $1\text{kHz}/1.0\text{V}$
- DCR Measured on a 502BC ohm-meter
- Saturation current : Value of inductance decrease within 20%
- Temperature rise current : A rise in temperature of core surface is within 40°C .
- RoHS Compliant.
- Packaging: Tape & reel.
- 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: $0-10 \pm 0.15$, $10-20 \pm 0.20$, $20-40 \pm 0.25$, $40-70 \pm 0.30$, $\geq 70 \pm 0.40$

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DIGITAL AMPLIFIER INDUCTOR

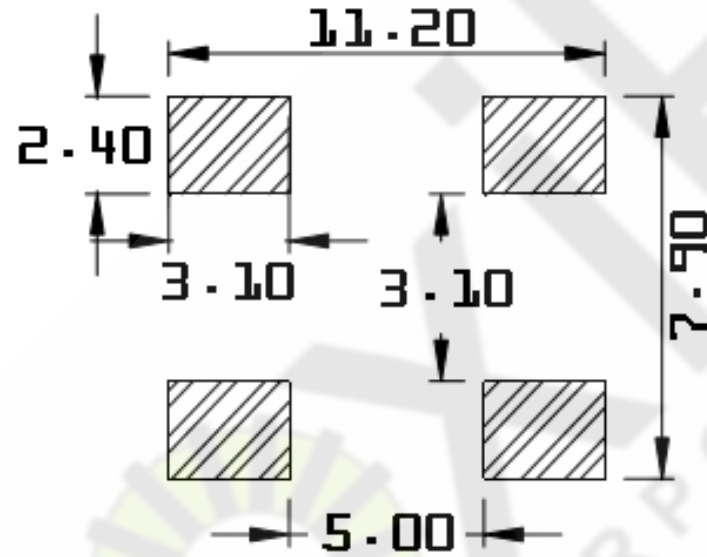
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REV. -

DWG #: MOXDAI0910

PCB LAYOUT (mm)



MOXIE NOTES:

- Operating temperature: -40°C to $+85^{\circ}\text{C}$.
- Storage temperature: -40°C to $+85^{\circ}\text{C}$.
- Measurement Frequency for Inductance : $1\text{kHz}/1.0\text{V}$
- DCR Measured on a 502BC ohm-meter
- Saturation current : Value of inductance decrease within 20%
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REV. -

DWG #: MOXDAI0910

ELECTRICAL @ 25°C

MOXIE PART NUMBER	INDUCTANCE (μ H) $\pm 20\%$	DCR (m Ω) NOMINAL	DCR (m Ω) MAX.	ISAT (A) DROP $\leq 20\%$	IRMS (A) RISE ($\leq 40^\circ$ C)
MOX-DAI-0910-6R8M	6.80	15.90	18.75	7.85	5.00
MOX-DAI-0910-8R2M	8.20	15.85	18.50	7.05	4.95
MOX-DAI-0910-100M	10.00	18.05	20.50	5.65	4.80
MOX-DAI-0910-150M	15.00	29.25	34.50	4.85	3.55
MOX-DAI-0910-220M	22.00	36.50	44.50	3.40	3.50

MOXIE NOTES:

- Operating temperature: -40° C to $+85^\circ$ C.
- Storage temperature: -40° C to $+85^\circ$ C.
- Measurement Frequency for Inductance : 1kHz/1.0V
- DCR Measured on a 502BC ohm-meter
- Saturation current : Value of inductance decrease within 20%
- Temperature rise current : A rise in temperature of core surface is within 40° C.
- RoHS Compliant.
- Packaging: Tape & reel.
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