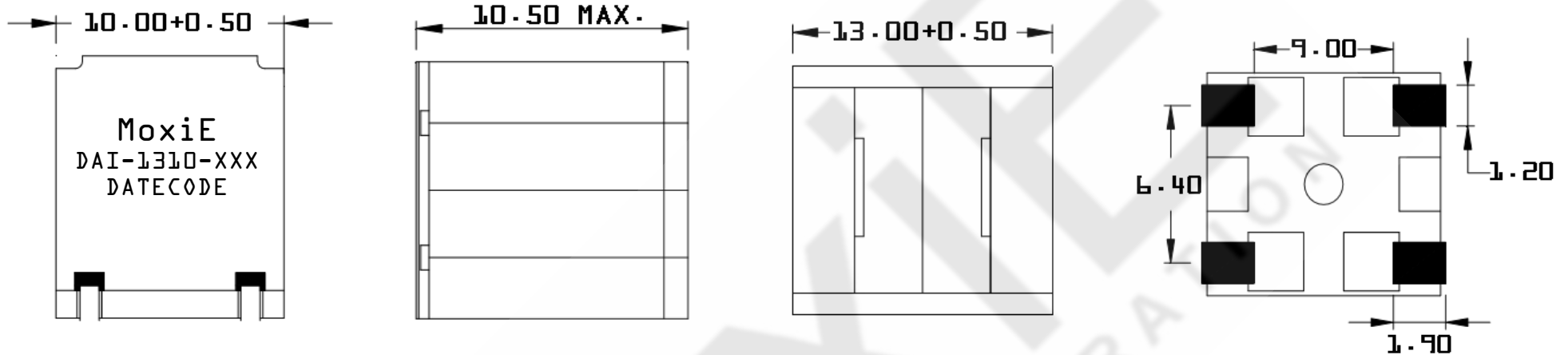


MECHANICAL (mm)



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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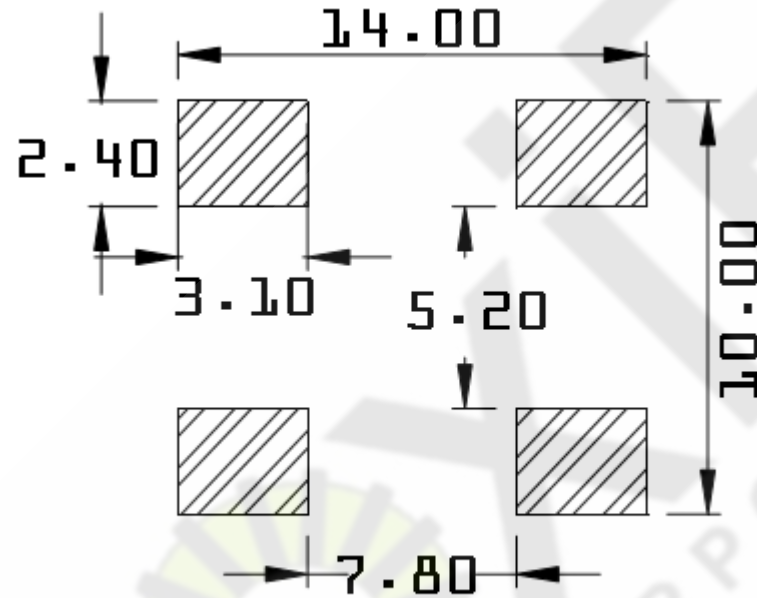
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DWG #: MOXDAI1310

PCB LAYOUT (mm)



MOXIE NOTES:

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DWG #: MOXDAI1310

ELECTRICAL @ 25°C

MOXIE PART NUMBER	INDUCTANCE (μH) ±20%	DCR (mΩ) NOMINAL	DCR (mΩ) MAX.	ISAT (A) DROP ≤20%	IRMS (A) RISE (≤40°C)
MOX-DAI-1310-6R8M	6.80	12.70	15.00	11.00	6.50
MOX-DAI-1310-8R2M	8.20	13.80	16.25	10.00	5.80
MOX-DAI-1310-100M	10.00	19.50	23.25	8.60	5.00
MOX-DAI-1310-120M	12.00	20.70	24.50	7.30	5.00
MOX-DAI-1310-150M	15.00	20.75	25.00	5.70	5.00
MOX-DAI-1310-180M	18.00	20.80	25.00	4.60	5.00
MOX-DAI-1310-220M	22.00	20.80	25.00	3.50	5.00

MOXIE NOTES:

- Operating temperature: -40°C to +85°C.
- Storage temperature: -40°C to +85°C.
- Measurement Frequency for Inductance : 1kHz/1.0V
- DCR Measured on a 502BC ohm-meter
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- 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



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