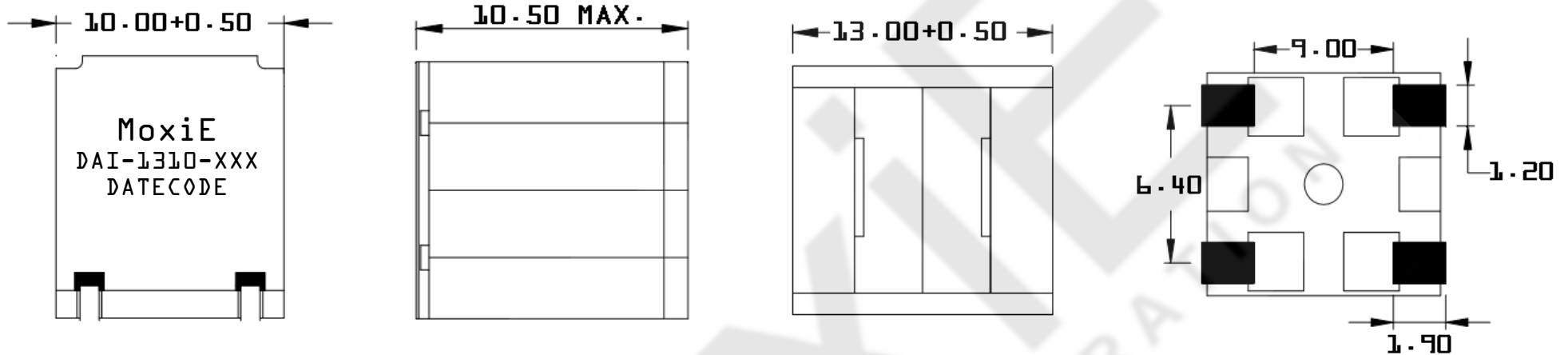


# MECHANICAL (mm)



## MOXIE NOTES:

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

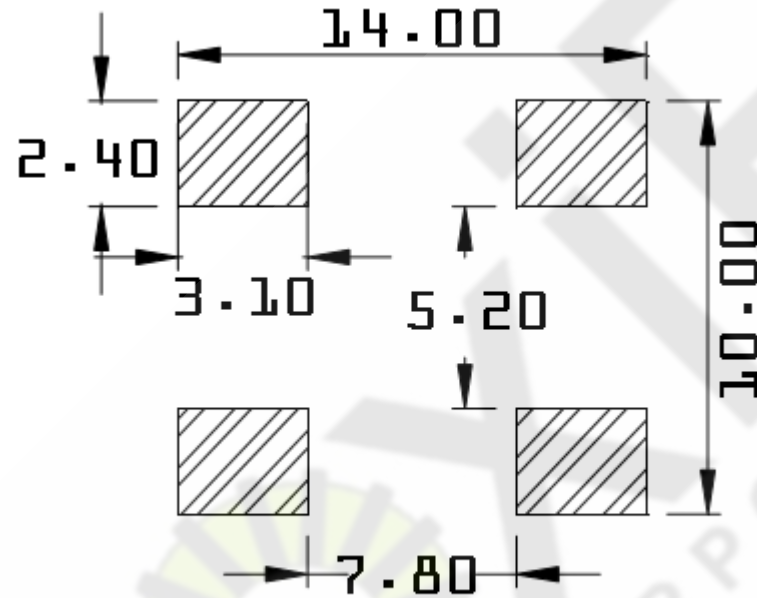
MOXIE MOX-DAI-1310 SERIES

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REV. -

DWG #: MOXDAI1310

# PCB LAYOUT (mm)



## MOXIE NOTES:

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REV. -

DWG #: MOXDAI1310

# PCB LAYOUT (mm)

MOXIE PART NUMBER	INDUCTANCE ( $\mu$ H) $\pm 20\%$	DCR (m $\Omega$ ) NOMINAL	DCR (m $\Omega$ ) MAX.	ISAT (A) DROP $\leq 20\%$	IRMS (A) RISE ( $\leq 40^\circ$ 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:  $-40^\circ$ C to  $+85^\circ$ C.
- Storage temperature:  $-40^\circ$ 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  $40^\circ$ C.
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DWG #: MOXDAI1310