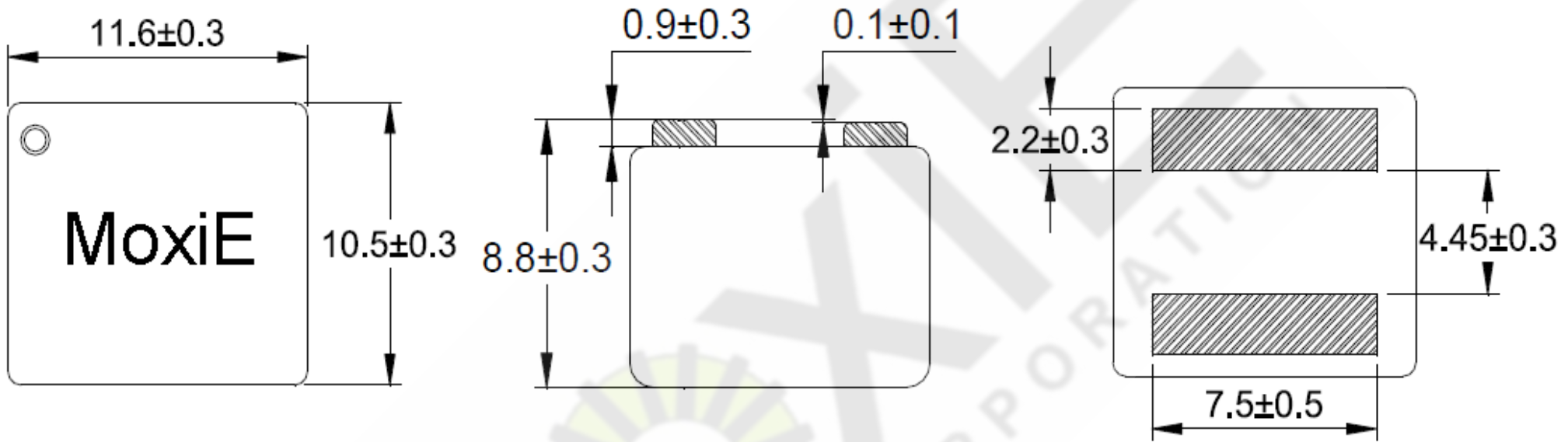


MECHANICAL (mm)



MOXIE NOTES:

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- Measurement frequency for Inductance : 100KHz/1.0V.
- DCR measured on 502BC ohm-meter.
- The saturation current : Value of inductance decrease within 30%.
- Temperature rise current : A rise in temperature of core surface is 40°C.
- Magnetically shielded construction.
- Flat wire winding allows low DC resistance.
- Operating temperature: -40°C to +125°C.
- Storage temperature: -40°C to +85°C.
- Packaging: Tape & reel (500 pieces per reel)
- RoHS Compliant.
- MoxiE Inductor Corporation custom designs are subject to United States copyright and or patent protection(s).

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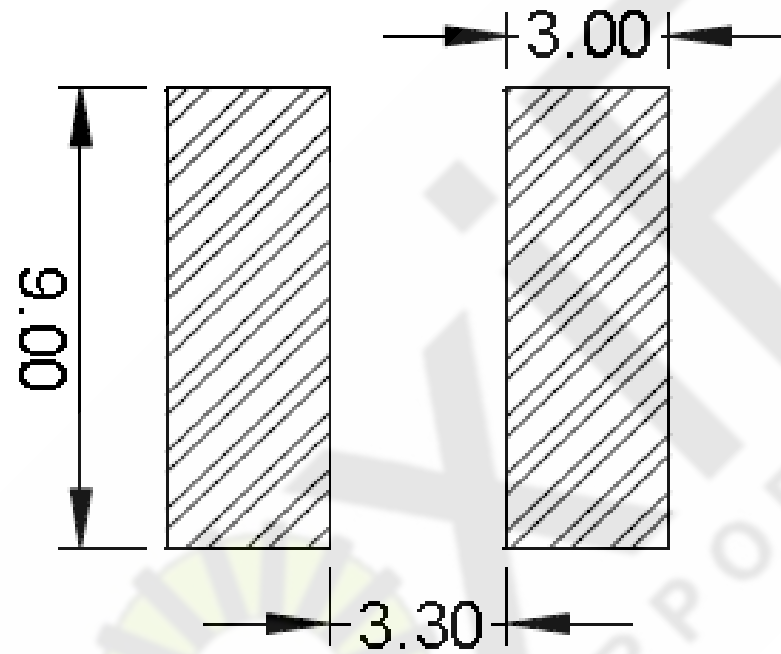
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PCB LAYOUT



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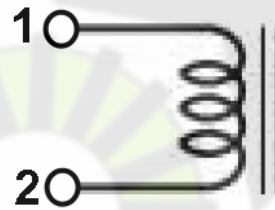
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DWG : MOXHCP1188

ELECTRICAL

MOXIE PART NUMBER	INDUCTANCE	TOLERANCE	DCR(mΩ) NOM / MAX	ISAT (A) DROP ≤30%	IRMS (A) RISE≤40°C
MOX-HCP-1188-2R2M	2.20	±20%	2.15 / 2.40	32.00	33.50
MOX-HCP-1188-3R3M	3.30	±20%	3.35 / 3.72	25.00	26.50
MOX-HCP-1188-4R7M	4.70	±20%	5.35 / 5.90	24.00	25.60
MOX-HCP-1188-5R6M	5.60	±20%	6.35 / 7.02	21.25	23.70
MOX-HCP-1188-6R8M	6.80	±20%	7.55 / 8.35	18.75	22.00
MOX-HCP-1188-8R2M	8.20	±20%	12.35 / 12.85	18.25	17.50
MOX-HCP-1188-100M	10.00	±20%	10.00 / 13.25	17.75	15.60
MOX-HCP-1188-150M	15.00	±20%	14.05 / 14.50	15.60	14.00



SCHEMATIC

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