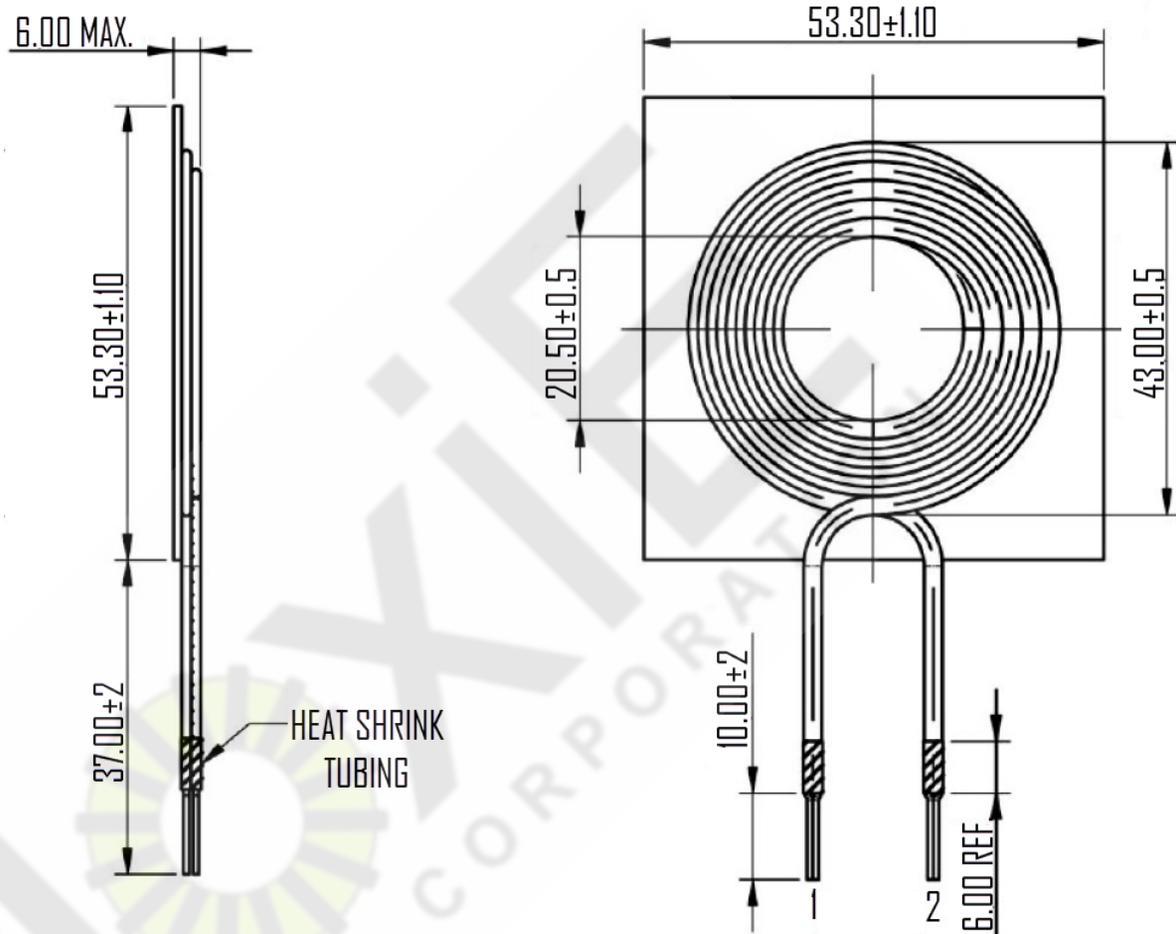
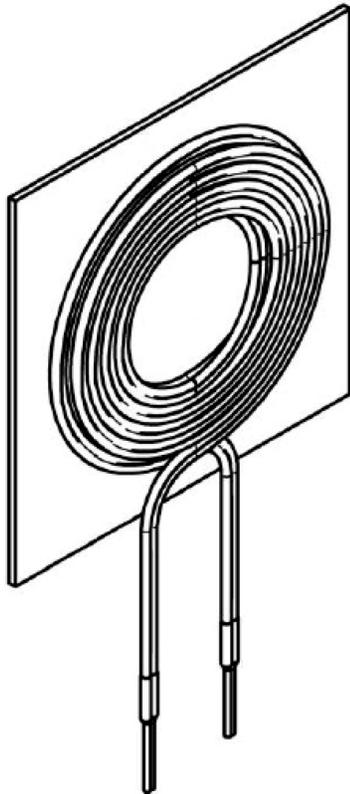


## MECHANICAL (mm)



### MOXIE NOTES:

- Litz wire windings.
- Ni-Mn ferrite material.
- Input: 5V/2A, Output: 5V/1A.
- Power transfer efficiency: 75%
- Flexible sheet type available.
- Output with multi-projection.
- RoHS Compliant.
- Operating temperature range: -20°C to +105°C.
- Storage temperature range: -20°C to +85°C.
- MoxiE Inductor Corporation specifications are subject to change without notice.

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INDUCTOR CORPORATION

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WIRELESS CHARGING COIL

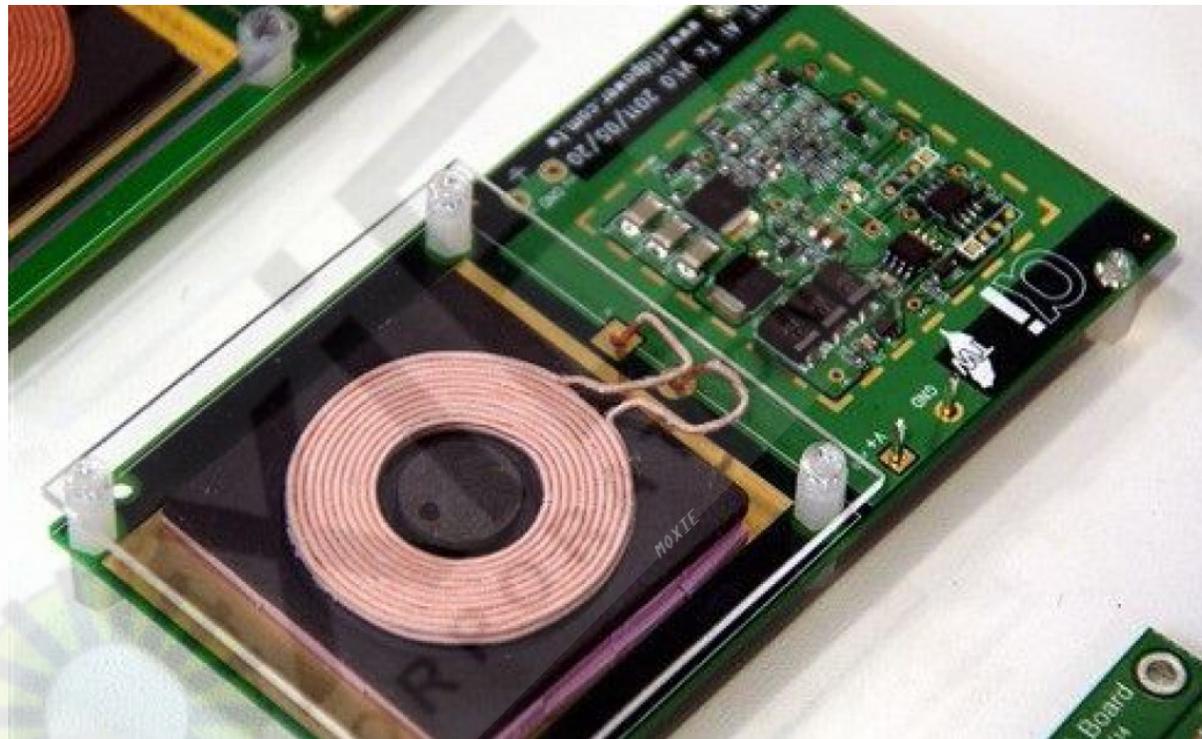
MOXIE MOX-WCH-5306 SERIES

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REV. A

DWG NUMBER: MOXWCH5306

## PART PHOTOS



### MOXIE NOTES:

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REV. A

DWG NUMBER: MOXWCH5306

## ELECTRICAL @ 25°C

MOXIE PART NUMBER	INDUCTANCE ( $\mu$ H)	Q-FACTOR	CURRENT RATING (RMS)	SATURATION CURRENT (RMS)	DC RESISTANCE	SRF
TEST CONDITION	100KHz/1V	100KHz/1V	$\Delta T=40K$	100KHz/1V	20 $\pm$ 15°C	-
MOX-WCH-5306-2455	24.00 $\pm$ 10%	160 $\pm$ 10%	5.50A TYPICAL	22.00 A	72m $\Omega$ $\pm$ 20%	3.00MHz
MOX-WCH-5306-6310	6.30 $\pm$ 10%	72 $\pm$ 10%	10.80 TYPICAL	37.00 A	19m $\Omega$ $\pm$ 20%	6.40MHz
MOX-WCH-5306-2458	24.00 $\pm$ 10%	165 $\pm$ 10%	5.80 TYPICAL	28.00 A	72m $\Omega$ $\pm$ 20%	2.90MHz
MOX-WCH-5306-6312	6.30 $\pm$ 10%	72 $\pm$ 10%	11.20 TYPICAL	41.00 A	19m $\Omega$ $\pm$ 20%	5.70MHz
MOX-WCH-5306-2457	24.00 $\pm$ 10%	163 $\pm$ 10%	5.80 TYPICAL	32.00 A	72m $\Omega$ $\pm$ 20%	2.80MHz
MOX-WCH-5306-6311	6.30 $\pm$ 10%	75 $\pm$ 10%	11.00 TYPICAL	41.00 A	19m $\Omega$ $\pm$ 20%	5.70MHz

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REV. A

DWG NUMBER: MOXWCH5306