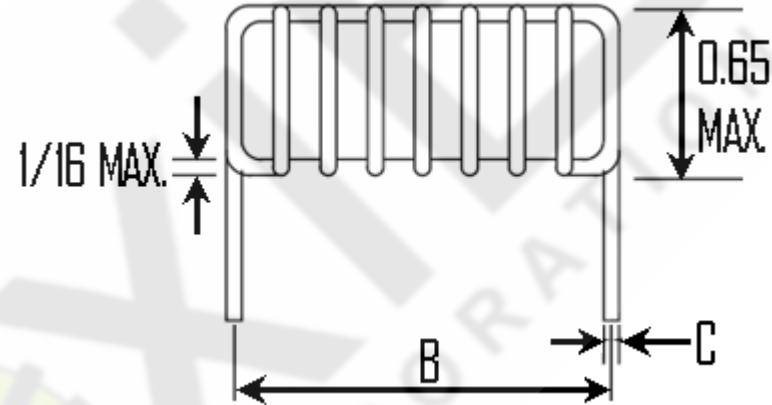
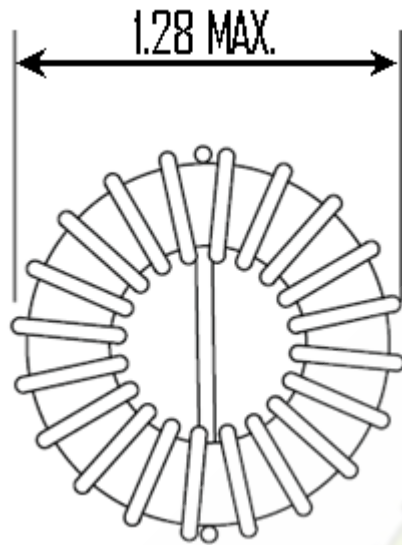


MECHANICAL (INCHES)



LEADS TINNED TO WITHIN 1/16" ABOVE MOUNTING PLANE. 0.50" LEAD LENGTH (MOXIE CUSTOM DESIGNS AVAILABLE)

**MOXIE NOTES:**

- RoHS Compliant.
- Packaging: Bulk
- Operating temperature: -55°C to +200°C.
- Storage temperature: -55°C to 200°C.
- 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.

**MoxiE**  
INDUCTOR CORPORATION

(888)535.5207 [WWW.MOXIEINDUCTORS.COM](http://WWW.MOXIEINDUCTORS.COM)

HORIZONTAL TOROID INDUCTORS

MOXIE MOX-HTI-2300 SERIES

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REV. B

DWG NUMBER: MOXHTI2300

# ELECTRICAL @ 25°C

MOXIE PART NUMBER	INDUCTANCE ±15% @ 1KHZ	IDC (A)	L (µH) ±15% @ IRATED	DCR (Ω) MAX	DIMENSION A	DIMENSION B	DIMENSION C
MOX-HTI-2300-1R8	1.8	34.6	1.5	0.003	0.56	1.18	0.066
MOX-HTI-2300-2R7	2.7	31.6	2.2	0.003	0.56	1.18	0.066
MOX-HTI-2300-3R9	3.9	29.2	3.1	0.004	0.56	1.18	0.066
MOX-HTI-2300-4R7	4.7	27.3	3.7	0.004	0.56	1.18	0.066
MOX-HTI-2300-5R6	5.6	25.8	4.3	0.005	0.56	1.18	0.066
MOX-HTI-2300-6R8	6.8	24.5	5.1	0.005	0.56	1.18	0.066
MOX-HTI-2300-8R2	8.2	24.3	6.0	0.005	0.56	1.18	0.066
MOX-HTI-2300-100	10	23.3	7.2	0.006	0.56	1.18	0.066
MOX-HTI-2300-120	12	22.4	8.5	0.006	0.56	1.18	0.066
MOX-HTI-2300-150	15	20.8	10.3	0.007	0.56	1.18	0.066
MOX-HTI-2300-180	18	20.2	12.2	0.007	0.56	1.18	0.066
MOX-HTI-2300-220	22	19.0	14.5	0.008	0.56	1.18	0.066
MOX-HTI-2300-270	27	14.3	19.2	0.014	0.53	1.14	0.053
MOX-HTI-2300-330	33	13.6	23.0	0.015	0.53	1.14	0.053
MOX-HTI-2300-390	39	13.0	26.7	0.017	0.53	1.14	0.053
MOX-HTI-2300-470	47	10.0	34.7	0.028	0.52	1.13	0.042
MOX-HTI-2300-560	56	9.7	40.8	0.030	0.52	1.13	0.042
MOX-HTI-2300-680	68	9.2	48.5	0.034	0.52	1.13	0.042
MOX-HTI-2300-820	82	8.8	57.4	0.037	0.52	1.13	0.042
MOX-HTI-2300-101	100	8.3	68.3	0.041	0.56	1.17	0.042
MOX-HTI-2300-121	120	8.0	80.5	0.045	0.56	1.17	0.042
MOX-HTI-2300-151	150	7.5	97.9	0.050	0.56	1.17	0.042
MOX-HTI-2300-181	180	7.2	114.5	0.055	0.56	1.17	0.042
MOX-HTI-2300-221	220	6.8	136.6	0.061	0.56	1.17	0.042
MOX-HTI-2300-271	270	6.5	163.2	0.067	0.56	1.17	0.042
MOX-HTI-2300-331	330	4.9	218.3	0.10	0.54	1.16	0.037
MOX-HTI-2300-391	390	4.7	252.8	0.13	0.54	1.16	0.037
MOX-HTI-2300-471	470	4.5	297.9	0.14	0.54	1.16	0.037
MOX-HTI-2300-561	560	3.4	389.1	0.24	0.53	1.14	0.027
MOX-HTI-2300-681	680	3.2	461.4	0.27	0.53	1.14	0.027
MOX-HTI-2300-821	820	3.1	545.2	0.30	0.53	1.14	0.027
MOX-HTI-2300-102	1000	2.9	648.2	0.33	0.58	1.17	0.027

## MOXIE NOTES:

- Rated IDC causes a 50°C temperature rise

## APPLICATIONS:

- High operating temperature environments.
- DC/DC converters.
- Output chokes.
- EMI filters.
- MoxiE custom designs available.



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MOXIE MOX-HTI-2300 SERIES

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REV. B

DWG NUMBER: MOXHTI2300