

MOX-TRFH-3540 SERIES

MoxiE[®]
INDUCTOR CORPORATION

High Frequency Toroidal Transformers

- Engineered for lighting applications.
- Available in vertical and horizontal packages.
- Industrial operating temperature: -25°C to +105°C.
- Operating frequency of 20KHz ~ 300 KHz.
- Power ratings of 80W ~ 1000W.
- Meets Class B (130°C) requirements.
- RoHS compliant.
- MoxiE custom designs available.

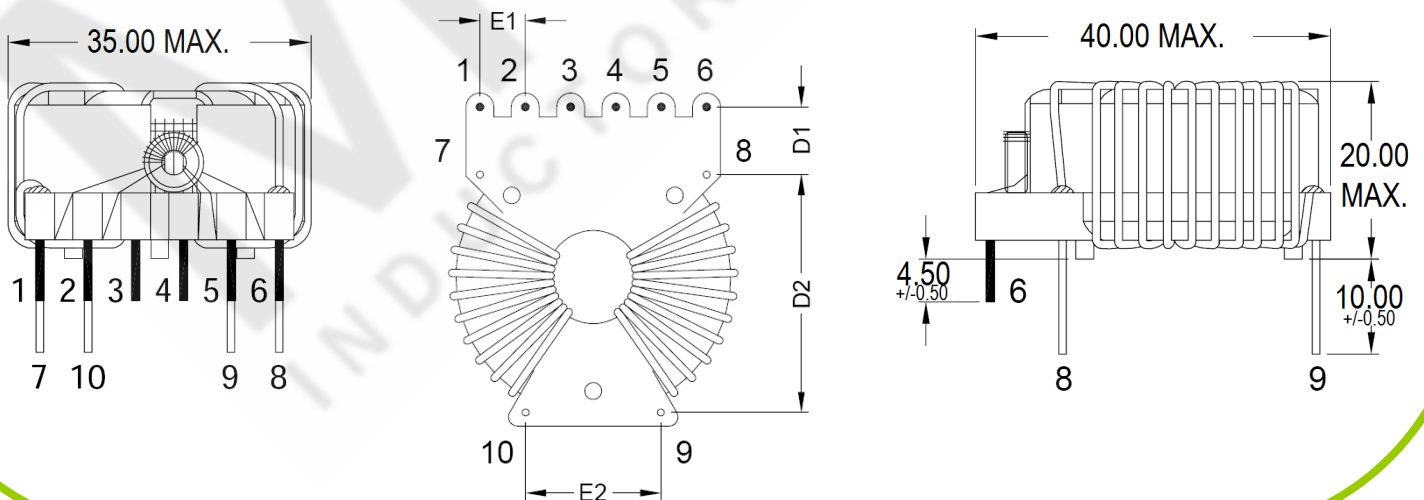


PART NUMBERS

MOXIE PART NUMBER	D1	D2	E1	E2
MOX-TRFH-3540	7.62 ± 0.30	25.38 ± 0.30	5.08 ± 0.30	15.24 ± 0.30



MECHANICAL DIMENSIONS





ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Electrical Specifications	Operating Temperature Range	Test Frequency	DCR (Ω Max.)
MOX-TRFH-3540A	L : (3-4) = 12mH Min.	-25°C TO +105°C	10KHz / 50mV	(3-4) = 0.58 Ω Max. @ 25°C
	L : (1-2) = 30uH Min.	-25°C TO +105°C	10KHz / 50mV	(1-2) = 58m Ω Max. @ 25°C
	L : (6-5) = 30uH Min.	-25°C TO +105°C	10KHz / 50mV	(6-5) = 58m Ω Max. @ 25°C
	L : (7-10) = 150uH Min.	-25°C TO +105°C	10KHz / 50mV	(7-10) = 26m Ω Max. @ 25°C
	L : (9-8) = 150uH Min.	-25°C TO +105°C	10KHz / 50mV	(9-8) = 26m Ω Max. @ 25°C
MOX-TRFH-3540B	L : (4-3) = 18mH Min.	-25°C TO +105°C	10KHz / 50mV	(4-3) = 0.67 Ω Max. @ 25°C
	L : (2-1) = 25.6uH Min.	-25°C TO +105°C	10KHz / 50mV	(10-7) = 18.24m Ω Max. @ 25°C
	L : (5-6) = 25.6uH Min.	-25°C TO +105°C	10KHz / 50mV	(8-9) = 18.18m Ω Max. @ 25°C
				(5-6) = 48.93m Ω Max. @ 25°C
			(2-1) = 49.88m Ω Max. @ 25°C	

MoxiE Notes:

- RoHS compliant.
- MoxiE Inductor Corporation specifications are subject to change without notice.
- MoxiE Inductor Corporation customer designs available~contact your MoxiE sales representative for details.
- MoxiE Inductor Corporation custom products are subject to United States Copyright and or Patent protection(s).