

MOX-TRFD-SERIES

TOROIDAL TRANSFORMERS

MoxiE's MOX-TRFD series of toroidal transformers are engineered to provide low stray magnetic fields, low no-load losses and low mechanical hum. The construction complies with UL506, UL1411, IEC742, EN61558 & EN60950.

Features:

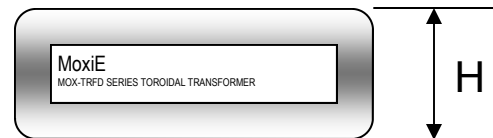
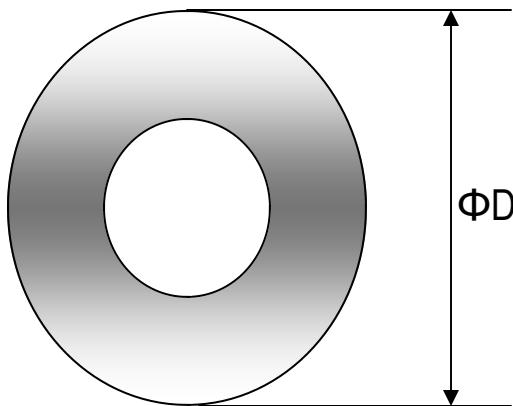
- Available with either 115V, 50~400Hz or 115/230V designs.
- Twin primaries / twin secondaries.
- 4000VRMS hi-pot.
- Class B 130°C insulation system.
- RoHS compliant.
- MoxiE Inductor Corporation custom designs available.

MoxiE[®]
INDUCTOR CORPORATION



PART NUMBERS

MOXIE PART NUMBER	POWER (VA)	DIMENSIONS (ΦD x H) (INCHES)	APPROXIMATE PIECE WEIGHT (Lbs.)
MOX-TRFD-18 SERIES	18.0	2.40 x 1.40	0.70
MOX-TRFD-36 SERIES	36.0	2.80 x 1.60	1.10
MOX-TRFD-60 SERIES	60.0	3.20 x 1.70	1.50
MOX-TRFD-100 SERIES	100.0	3.90 x 1.60	2.80
MOX-TRFD-155 SERIES	155.0	4.40 x 1.60	3.70
MOX-TRFD-200 SERIES	200.0	4.40 x 1.90	4.20
MOX-TRFD-325 SERIES	325.0	4.40 x 2.60	6.20
MOX-TRFD-440 SERIES	440.0	5.30 x 2.30	7.50
MOX-TRFD-585 SERIES	585.0	5.30 x 2.80	9.00
MOX-TRFD-690 SERIES	690.0	5.30 x 3.20	10.30



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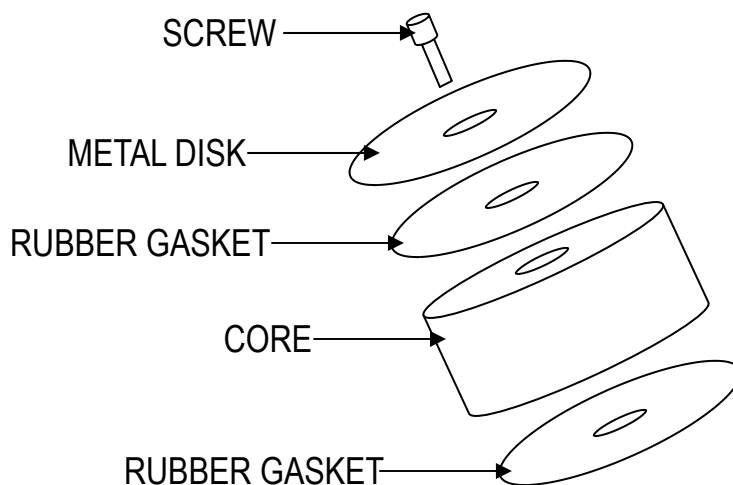
ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Power (VA Max.)	AC Output (Series) VCT @ AAC	DC Output (Series) VDC @ ADC	DC Output (Parallel) VDC @ ADC
MOX-TRFD-18-12	18	12 @ 1.50	13.2 @ 1.00	5.6 @ 2.00
MOX-TRFD-36-12	36	12 @ 2.90	13.4 @ 1.90	5.7 @ 3.70
MOX-TRFD-60-12	60	12 @ 5.00	13.6 @ 3.20	5.8 @ 5.90
MOX-TRFD-18-18	18	18 @ 1.00	21.0 @ 0.60	9.5 @ 1.30
MOX-TRFD-36-18	36	18 @ 1.90	20.8 @ 1.20	9.4 @ 2.50
MOX-TRFD-60-18	60	18 @ 3.30	21.4 @ 2.10	9.7 @ 3.90
MOX-TRFD-100-18	100	18 @ 5.60	21.4 @ 3.20	9.7 @ 6.40
MOX-TRFD-18-24	18	24 @ 0.80	28.4 @ 0.50	13.2 @ 1.00
MOX-TRFD-36-24	36	24 @ 1.50	28.6 @ 0.90	13.3 @ 1.90
MOX-TRFD-60-24	60	24 @ 2.50	29.0 @ 1.60	13.5 @ 3.00
MOX-TRFD-100-24	100	24 @ 4.20	29.4 @ 2.40	13.7 @ 4.80
MOX-TRFD-155-24	155	24 @ 6.50	30.0 @ 3.50	14.0 @ 7.00
MOX-TRFD-200-24	200	24 @ 8.30	29.6 @ 4.50	13.8 @ 9.00
MOX-TRFD-325-24	325	24 @ 13.50	29.4 @ 7.20	13.6 @ 14.30
MOX-TRFD-18-30	18	30 @ 0.60	36.0 @ 0.40	17.0 @ 0.80
MOX-TRFD-36-30	36	30 @ 1.20	36.4 @ 0.70	17.2 @ 1.50
MOX-TRFD-60-30	60	30 @ 2.00	36.8 @ 1.30	17.4 @ 2.40
MOX-TRFD-100-30	100	30 @ 3.30	37.4 @ 1.90	17.7 @ 3.80
MOX-TRFD-155-30	155	30 @ 5.20	37.6 @ 3.30	17.8 @ 6.10
MOX-TRFD-200-30	200	30 @ 6.70	37.6 @ 3.70	17.8 @ 7.30
MOX-TRFD-325-30	325	30 @ 10.80	38.2 @ 5.70	18.1 @ 11.40
MOX-TRFD-18-36	18	36 @ 0.50	43.4 @ 0.30	20.7 @ 0.60
MOX-TRFD-36-36	36	36 @ 1.00	44.0 @ 0.60	21.0 @ 1.20
MOX-TRFD-60-36	60	36 @ 1.70	44.6 @ 1.10	21.3 @ 2.00
MOX-TRFD-100-36	100	36 @ 2.80	45.0 @ 1.70	21.5 @ 3.30
MOX-TRFD-155-36	155	36 @ 4.30	46.0 @ 2.30	22.0 @ 4.50
MOX-TRFD-200-36	200	36 @ 5.50	45.8 @ 3.00	21.9 @ 6.00
MOX-TRFD-325-36	325	36 @ 9.00	46.0 @ 4.60	22.0 @ 9.20
MOX-TRFD-440-36	440	36 @ 12.20	46.0 @ 6.10	22.0 @ 12.30
MOX-TRFD-18-44	18	44 @ 0.40	53.4 @ 0.30	25.7 @ 0.50
MOX-TRFD-36-44	36	44 @ 0.80	54.2 @ 0.50	26.1 @ 1.00
MOX-TRFD-60-44	60	44 @ 1.40	55.0 @ 0.90	26.5 @ 1.70
MOX-TRFD-100-44	100	44 @ 2.30	55.2 @ 1.40	26.6 @ 2.70
MOX-TRFD-155-44	155	44 @ 3.50	56.2 @ 1.90	27.1 @ 3.70
MOX-TRFD-200-44	200	44 @ 4.50	56.6 @ 2.50	27.3 @ 4.90



ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Power (VA Max.)	AC Output (Series) VCT @ AAC	DC Output (Series) VDC @ ADC	DC Output (Parallel) VDC @ ADC
MOX-TRFD-60-48	60	48 @ 1.30	60.2 @ 0.80	29.1 @ 1.50
MOX-TRFD-100-48	100	48 @ 2.10	60.8 @ 1.20	29.4 @ 2.40
MOX-TRFD-155-48	155	48 @ 3.20	61.2 @ 1.70	29.6 @ 3.40
MOX-TRFD-200-48	200	48 @ 4.20	61.4 @ 2.30	29.7 @ 4.60
MOX-TRFD-325-48	325	48 @ 6.80	62.0 @ 3.60	30.0 @ 7.10
MOX-TRFD-440-48	440	48 @ 9.20	62.2 @ 4.60	30.1 @ 9.20
MOX-TRFD-585-48	585	48 @ 12.20	62.6 @ 6.00	30.3 @ 11.80
MOX-TRFD-690-48	690	48 @ 14.40	63.0 @ 7.00	30.5 @ 14.00
MOX-TRFD-100-56	100	56 @ 1.80	71.2 @ 1.80	34.6 @ 2.10
MOX-TRFD-155-56	155	56 @ 2.80	72.0 @ 1.60	35.0 @ 3.10
MOX-TRFD-200-56	200	56 @ 3.60	72.4 @ 1.90	35.2 @ 3.80
MOX-TRFD-100-60	100	60 @ 1.70	76.6 @ 1.00	37.3 @ 1.90
MOX-TRFD-155-60	155	60 @ 2.60	77.2 @ 1.40	37.6 @ 2.80
MOX-TRFD-200-60	200	60 @ 3.30	77.2 @ 1.80	37.6 @ 3.50
MOX-TRFD-325-60	325	60 @ 5.40	78.0 @ 2.90	38.0 @ 5.80
MOX-TRFD-440-60	440	60 @ 7.30	78.6 @ 3.70	38.3 @ 7.30
MOX-TRFD-585-60	585	60 @ 9.70	78.6 @ 5.00	38.3 @ 9.80
MOX-TRFD-690-60	690	60 @ 11.50	79.0 @ 5.50	38.5 @ 11.00
MOX-TRFD-690-66	690	66 @ 10.50	87.4 @ 5.10	42.7 @ 10.2
MOX-TRFD-325-76	325	76 @ 4.30	99.6 @ 2.20	48.8 @ 4.50
MOX-TRFD-440-76	440	76 @ 5.80	100.0 @ 3.00	49.0 @ 5.80
MOX-TRFD-585-76	585	76 @ 7.70	100.4 @ 3.80	49.2 @ 7.70
MOX-TRFD-690-76	690	76 @ 9.10	100.8 @ 4.30	49.4 @ 8.60



MOX-TRFD MOUNTING OPTION