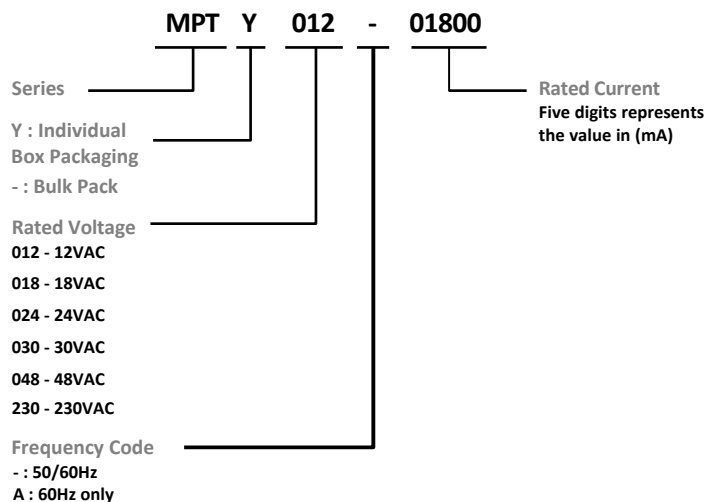


Description

- Power Range: 25VA to 2.5KVA
- Primary: 115/230VAC, 50/60Hz
- Secondary: Dual for parallel or series connection
- High Efficiency and low stray fields
- Custom designs available



Part Numbering System



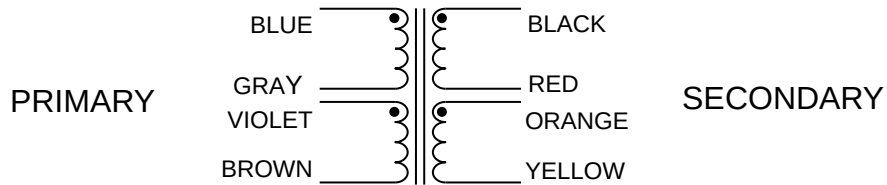
Electrical Specifications (@25C):

MeK-Tronics P/N	VA	Series	Parallel	Regulation	OD (mm)/Inch	HT (mm)/Inch	Weight (kg)	Temp Rise (°C)	Efficiency
MPT-012-02080	25	12VCT/2.08A	6.0V/4.16A	12.00%	74/2.9	34/1.33	0.55	<30	87%
MPT-018-01390	25	18VCT /1.39A	9.0V/2.78A	12.00%	74/2.9	34/1.33	0.55	<30	
MPT-024-01040	25	24VCT /1.04A	12V/2.08A	12.00%	74/2.9	34/1.33	0.55	<30	
MPT-030-00830	25	30VCT /0.83A	15V/1.66A	12.00%	74/2.9	34/1.33	0.55	<30	
MPT-036-00690	25	36VCT/0.69A	18V/1.38A	12.00%	74/2.9	34/1.33	0.55	<30	
MPT-048-00520	25	48VCT/0.52A	24V/1.04A	12.00%	74/2.9	34/1.33	0.55	<30	
MPT-230-00110	25	230VCT/0.11A	115V/0.22A	12.00%	74/2.9	34/1.33	0.55	<30	
MPT-012-04170	50	12VCT/4.17A	6.0V/8.34A	12.00%	83/3.3	36/1.4	0.85	<40	87.5%
MPT-018-02780	50	18VCT/2.78A	9.0V/5.56A	12.00%	83/3.3	36/1.4	0.85	<40	
MPT-024-02080	50	24VCT/2.08A	12V/4.16A	12.00%	83/3.3	36/1.4	0.85	<40	
MPT-030-01670	50	30VCT/1.67A	15V/3.34A	12.00%	83/3.3	36/1.4	0.85	<40	
MPT-036-01390	50	36VCT/1.39A	18V/2.78A	12.00%	83/3.3	36/1.4	0.85	<40	
MPT-048-01040	50	48VCT/1.04A	24V/2.08A	12.00%	83/3.3	36/1.4	0.85	<40	
MPT-230-00220	50	230VCT/0.22A	115V/0.44A	12.00%	83/3.3	36/1.4	0.85	<40	
MPT-012-08330	100	12VCT/8.33A	6.0V/16.66A	9.00%	88/3.46	51/2	1.4	<45	91%
MPT-018-05560	100	18VCT/5.56A	9.0V/11.12A	9.00%	88/3.46	51/2	1.4	<45	
MPT-024-04170	100	24VCT/4.17A	12V/8.34A	9.00%	88/3.46	51/2	1.4	<45	
MPT-030-03330	100	30VCT/3.33A	15V/6.66A	9.00%	88/3.46	51/2	1.4	<45	
MPT-036-02780	100	36VCT/2.78A	18V/5.56A	9.00%	88/3.46	51/2	1.45	<45	
MPT-048-02080	100	48VCT/2.08A	24V/4.16A	9.00%	88/3.46	51/2	1.4	<45	
MPT-230-00430	100	230VCT/0.43A	115V/0.86A	9.00%	88/3.46	51/2	1.4	<45	

MeK-Tronics P/N	VA	Series	Parallel	Regulation	OD (mm)/Inch	HT (mm)/Inch	Weight (kg)	Temp Rise (°C)	Efficiency
MPT-012-13300	160	12VCT/13.3A	6.0V/26.6A	8.00%	106/4.17	52/2.04	1.9	<50	91.7%
MPT-018-08800	160	18VCT/8.8A	9.0V/17.6A	8.00%	106/4.17	52/2.04	1.9	<50	
MPT-024-06670	160	24VCT/6.67A	12V/13.34A	8.00%	106/4.17	52/2.04	1.9	<50	
MPT-030-05330	160	30VCT/5.33A	15V/10.66A	8.00%	106/4.17	52/2.04	1.8	<50	
MPT-036-04440	160	36VCT/4.44A	18V/8.88A	8.00%	106/4.17	52/2.04	1.9	<50	
MPT-048-03300	160	48VCT/3.33A	24V/6.66A	8.00%	106/4.17	52/2.04	1.9	<50	
MPT-230-00700	160	230VCT/0.70A	115V/1.40A	8.00%	106/4.17	52/2.04	1.9	<50	92.7%
MPT-012-20800	250	12VCT/20.8A	6.0V/41.6A	7.00%	112/4.4	58/2.3	2.7	<50	
MPT-018-13800	250	18VCT/13.8A	9.0V/27.6A	7.00%	112/4.4	58/2.3	2.7	<50	
MPT-024-10420	250	24VCT/10.42A	12V/20.84A	7.00%	112/4.4	58/2.3	2.6	<50	
MPT-036-06940	250	36VCT/6.94A	18V/13.88A	7.00%	112/4.4	58/2.3	2.6	<50	
MPT-048-05200	250	48VCT/5.20A	24V/10.4A	7.00%	112/4.4	58/2.3	2.6	<50	
MPT-230-01090	250	230VCT/1.09A	115V/2.18	7.00%	112/4.4	58/2.3	2.6	<50	95%
MPT-048-10400	500	48VCT/10.4A	24V/20.8	5.00%	141/5.55	66/2.6	4.6	<50	
MPT-100-05000	500	100VCT/5.0A	50V/10.0	5.00%	141/5.55	66/2.6	4.9	<50	
MPT-230-02170	500	230VCT/2.17A	115V/4.34	5.00%	141/5.55	66/2.6	4.6	<50	96.2%
MPT-048-20830	1000	48VCT/20.83A	24V/41.66A	4.00%	178/7	76/3	8.4	<50	
MPT-100-10000	1000	100VCT/10.0A	50V/20.0A	4.00%	178/7	76/3	8.4	<50	
MPT-230-04350	1000	230VCT/4.35A	115V/8.70A	4.00%	178/7	76/3	8.4	<50	97.1%
MPT-100-25000*	2500	100VCT/25.0A	50V/50.0A	2.50%	210/8.26	120/4.7	19.9	<50	
MPT-230-10870*	2500	230VCT/10.87A	115V/21.74A	2.50%	210/8.26	120/4.7	19.9	<50	

*Models with no cUL recognition.

Schematic:



Mounting:

Transformers are provided with one metal plate, two rubber pads, screw, nut and washer through 1KVA. Epoxied center and drilled hole for VA's larger than 1kVA. Epoxied center and drilled hole also available for VA's smaller than 1kVA.

Connections: Stranded UL 1015 leads, stripped and tinned 0.25" (6mm). Standard lead length is 8" (200mm) for VA's up to and including 250VA. Custom lead lengths and other UL types lead wire available.

RoHS Compliance: all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.