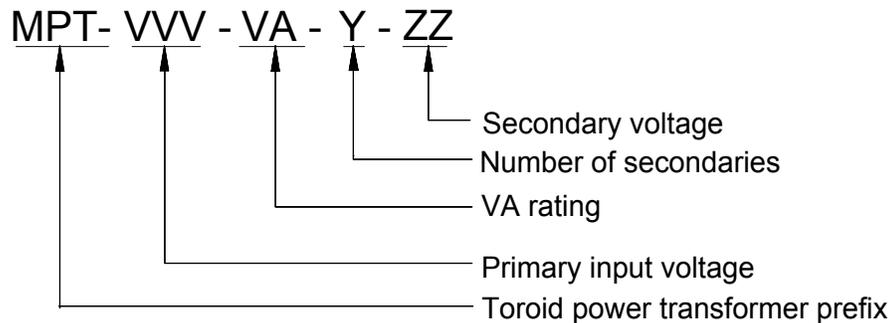




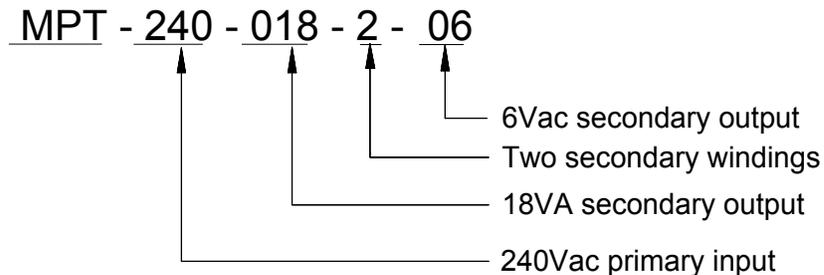
Toroidal Power Transformers

- Low noise
- High efficiency
- Excellent load regulation
- Easy assembly
- Very low no-load losses and magnetizing current
- Half the size and weight of non-toroidal transformers for an equivalent power rating
- Various input options: 100V/110V/117V/120V/220V/230V/240V, 50/60Hz
- Dielectric strength greater than 3KV, 1 minute between primary and secondary
- Electrical parameters tested 100% in production
- Application power range 10VA TO 750VA available
- Class B insulation system (optional)
- Single primary winding standard, dual primaries optional

Description of our standard part number



For Example:



MPT SERIES

MINNTRONIX

Wind Up the Best®



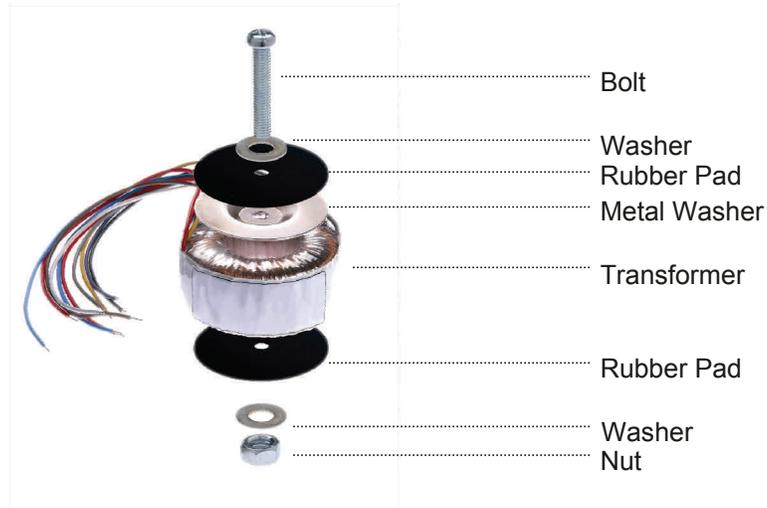
Phone: 1.605.884.0195
Fax: 1.605.884.0199
www.minntronix.com

Toroidal Power Transformers

Assembly method

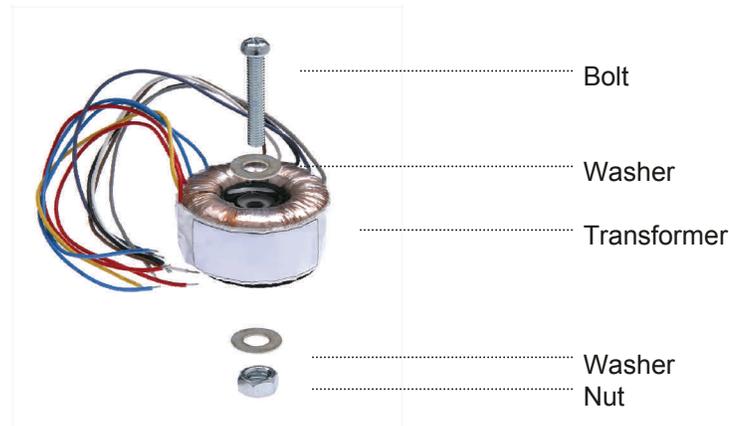
Type 1: Mounting washer and rubber pads

Standard parts are supplied with metal washers, rubber pads, bolt and nut for mounting assembly.



Type 2: Potted center (optional)

The center of the transformer is filled with epoxy resin with central hole provided for the mounting bolt.



MPT SERIES

MPT SERIES

Toroidal Power Transformers

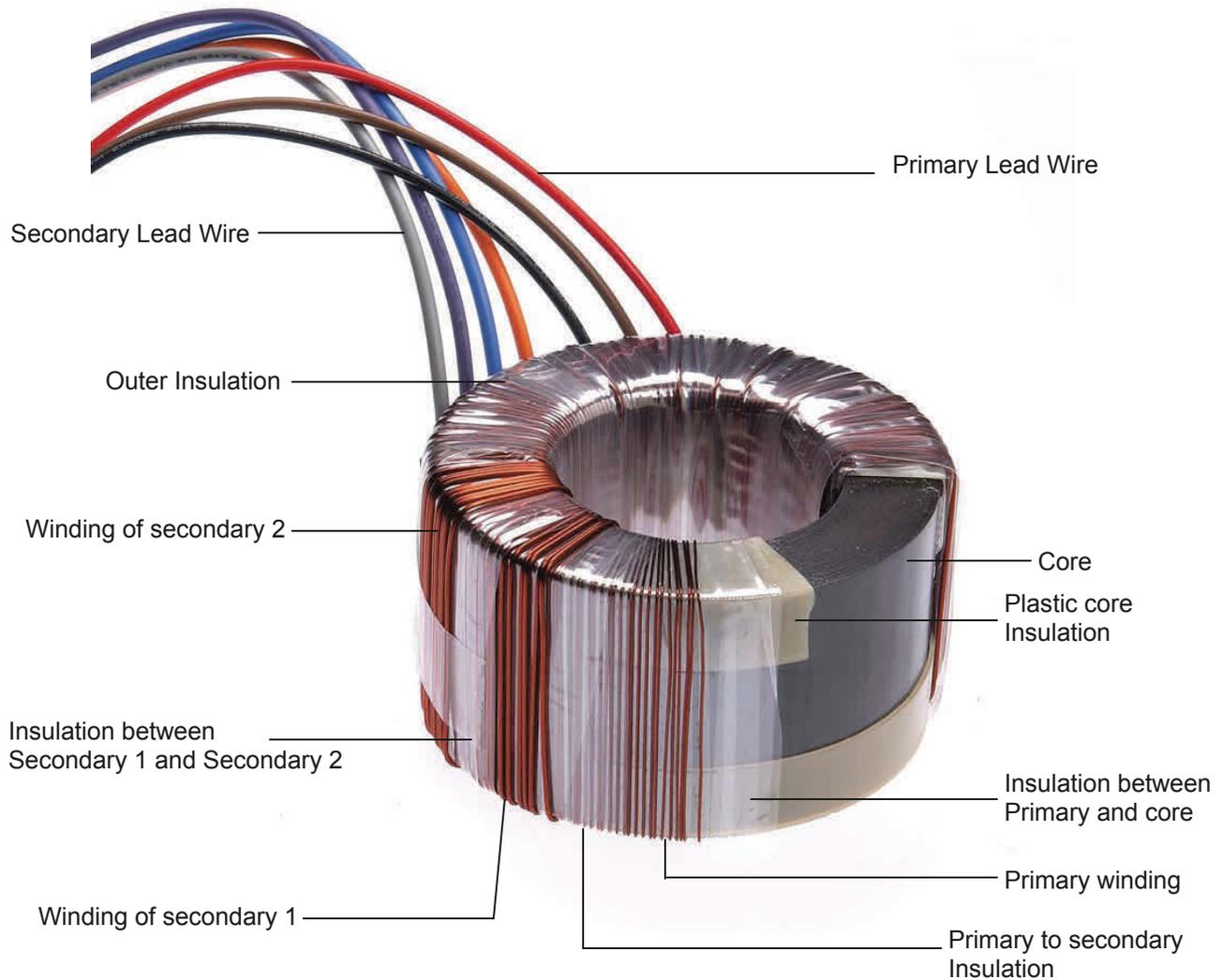
MINNTRONIX

Wind Up the Best®



Phone: 1.605.884.0195
Fax: 1.605.884.0199
www.minntronix.com

Typical Construction



MPT SERIES

MPT SERIES



Wind Up the Best®



Phone: 1.605.884.0195
 Fax: 1.605.884.0199
 www.minntronix.com

Toroidal Power Transformers

Standard Parts

The following part numbers are our standard products for 220V input. If you require a different input voltage, please change part number from 220 to your required input voltage (see part number description of page G1).

Part Number	Power (VA)	AC Output		Dimension (inches)		Weight (lb)	Screw
		Series	Parallel	OD	H		
MPT-220-018-206	18	12V @ 1.5A	6V @ 3.0A	2.5	1.3	0.7	M 4
MPT-220-018-209		18V @ 1.0A	9V @ 2.0A				
MPT-220-018-212		24V @ 0.8A	12V @ 1.6A				
MPT-220-018-215		30V @ 0.6A	15V @ 1.2A				
MPT-220-018-218		36V @ 0.5A	18V @ 1.0A				
MPT-220-018-222		44V @ 0.4A	22V @ 0.8A				
MPT-220-036-206	36	12V @ 2.9A	6V @ 5.8A	2.9	1.6	1.1	M 4
MPT-220-036-209		18V @ 1.9A	9V @ 3.8A				
MPT-220-036-212		24V @ 1.5A	12V @ 3.0A				
MPT-220-036-215		30V @ 1.2A	15V @ 2.4A				
MPT-220-036-218		36V @ 1.0A	18V @ 2.0A				
MPT-220-036-222		44V @ 0.8A	22V @ 1.6A				
MPT-220-060-206	60	12V @ 5.0A	6V @ 10A	3.3	1.7	1.5	M 6
MPT-220-060-209		18V @ 3.3A	9V @ 6.6A				
MPT-220-060-212		24V @ 2.5A	12V @ 5.0A				
MPT-220-060-215		30V @ 2.0A	15V @ 4.0A				
MPT-220-060-218		36V @ 1.7A	18V @ 3.4A				
MPT-220-060-222		44V @ 1.4A	22V @ 2.8A				
MPT-220-060-224	48V @ 1.3A	24V @ 2.6A					
MPT-220-100-209	100	18V @ 5.6A	9V @ 11.2A	3.9	1.9	2.8	M 6
MPT-220-100-212		24V @ 4.2A	12V @ 8.4A				
MPT-220-100-215		30V @ 3.3A	15V @ 6.6A				
MPT-220-100-218		36V @ 2.8A	18V @ 5.6A				
MPT-220-100-222		44V @ 2.3A	22V @ 4.6A				
MPT-220-100-224		48V @ 2.1A	24V @ 4.2A				
MPT-220-100-228		56V @ 1.8A	28V @ 3.6A				
MPT-220-100-230		60V @ 1.7A	30V @ 3.4A				
MPT-220-155-212	155	24V @ 6.5A	12V @ 13.0A	4.4	2.1	3.7	M 6
MPT-220-155-215		30V @ 5.2A	15V @ 10.4A				
MPT-220-155-218		36V @ 4.3A	18V @ 8.6A				
MPT-220-155-222		44V @ 3.5A	22V @ 7.0A				
MPT-220-155-224		48V @ 3.2A	24V @ 6.4A				
MPT-220-155-228		56V @ 2.8A	28V @ 5.6A				
MPT-220-155-230		60V @ 2.6A	30V @ 5.2A				
MPT-220-200-212	200	24V @ 8.3A	12V @ 16.6A	4.5	2.4	4.2	M 6
MPT-220-200-215		30V @ 6.7A	15V @ 13.4A				
MPT-220-200-218		36V @ 5.5A	18V @ 11.0A				
MPT-220-200-222		44V @ 4.5A	22V @ 9.0A				
MPT-220-200-224		48V @ 4.2A	24V @ 8.4A				
MPT-220-200-228		56V @ 3.6A	28V @ 7.2A				
MPT-220-200-230		60V @ 3.3A	30V @ 6.6A				
MPT-220-325-212	325	24V @ 13.5A	12V @ 27.0A	4.7	3.3	6.2	M 8
MPT-220-325-215		30V @ 10.8A	15V @ 21.6A				
MPT-220-325-218		36V @ 9.0A	18V @ 18.0A				
MPT-220-325-224		48V @ 6.8A	24V @ 13.6A				
MPT-220-325-230		60V @ 5.4A	30V @ 10.8A				
MPT-220-325-238		76V @ 4.3A	38V @ 8.6A				

MPT SERIES

MPT SERIES

MINNTRONIX

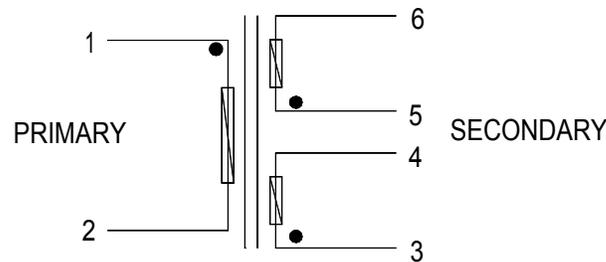
Wind Up the Best®

Toroidal Power Transformers

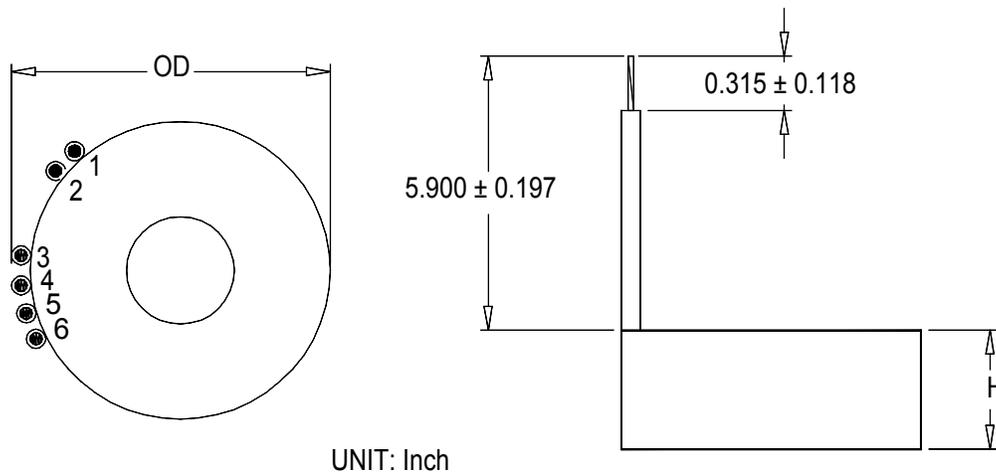


Phone: 1.605.884.0195
 Fax: 1.605.884.0199
 www.minntronix.com

Part Number	Power (VA)	AC Output		Dimension (inches)		Weight (lb)	Screw
		Series	Parallel	OD	H		
MPT-220-440-218	440	36V @ 12.2A	18V @ 24.4A	5.6	2.5	7.5	M 8
MPT-220-440-224		48V @ 9.2A	24V @ 18.4A				
MPT-220-440-230		60V @ 7.3A	30V @ 14.6A				
MPT-220-440-238		76V @ 5.8A	38V @ 11.6A				
MPT-220-585-224	585	48V @ 12.2A	24V @ 24.4A	5.6	2.9	9.0	M 8
MPT-220-585-230		60V @ 9.7A	30V @ 19.4A				
MPT-220-585-238		76V @ 7.7A	38V @ 15.4A				
MPT-220-690-224	690	48V @ 14.4A	24V @ 28.8A	5.7	3.5	10.3	M 8
MPT-220-690-230		60V @ 11.5A	30V @ 23.0A				
MPT-220-690-233		66V @ 10.5A	33V @ 21.0A				
MPT-220-690-238		76V @ 9.1A	38V @ 18.2A				
MPT-220-750-224	750	48V @ 15.6A	24V @ 31.2A	5.9	3.5	12.8	M 8
MPT-220-750-230		60V @ 12.5A	30V @ 25.0A				
MPT-220-750-240		80V @ 9.37A	40V @ 18.8A				



Dimensions:



Specifications subject to change. Custom versions of any Minntronix Products are available upon request.

MPT SERIES

MPT SERIES

MINNTRONIX

Wind Up the Best®



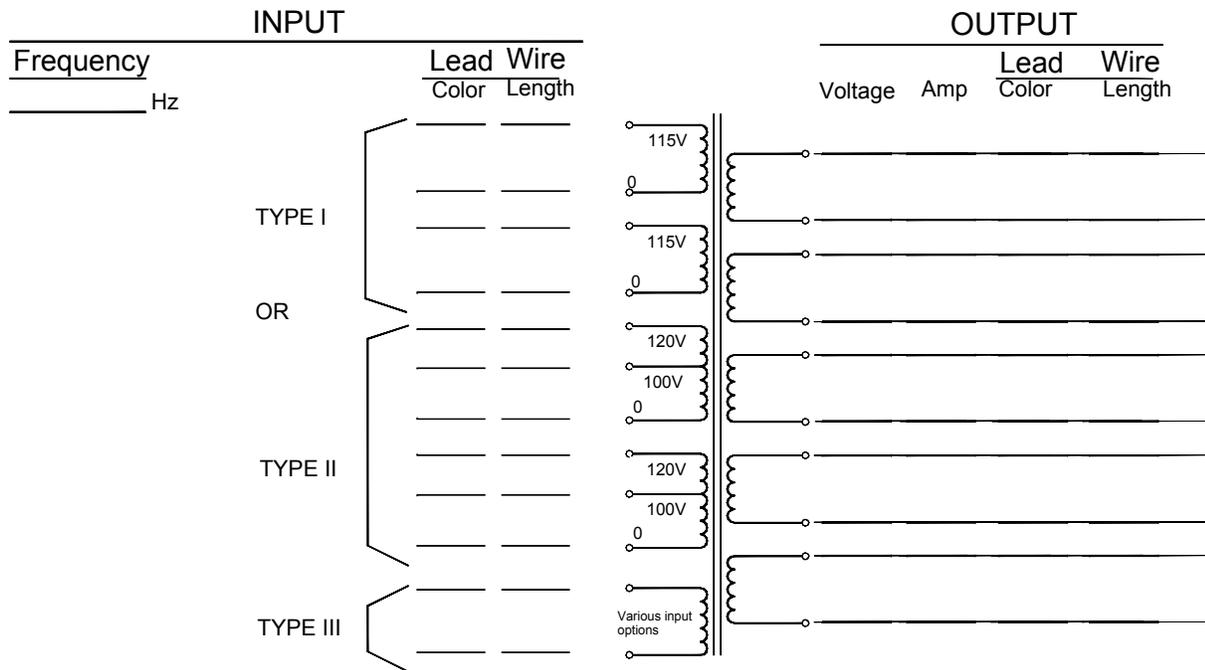
Phone: 1.605.884.0195
 Fax: 1.605.884.0199
 www.minntronix.com

Toroidal Power Transformers

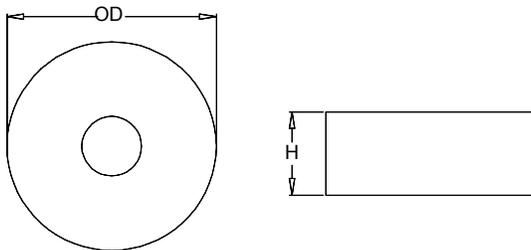
Customer specification sheet for Toroidal power transformer
 (Please copy the form and fill with data of your transformer)

MPT SERIES

Date: _____
 Company: _____
 Contact Person: _____
 Address: _____
 Telephone: _____
 Fax: _____



Max dimensions: O.D.: _____ mm Lead wire safety requirement: _____
 (example UL 1007)
 Height: _____ mm Transformer safety requirement: _____
 (example UL 1950)



Insulation class: _____
 Temperature rise: _____ MAX
 Assembly method:
 Metal washer.
 Potted center.

For Reference Only