

TPT Series of Toroidal Core Power Transformers

The YUANXING TPT series of Toroidal core Power Transformers are designed for applications requiring the superior performance offered by solid core technology; higher efficiency, lower weight, smaller size, quieter operation. Unlike the familiar E-I technology, the toroidal core is made from a strip of high quality, grain oriented silicon steel. The strip is wound tightly like a fully wound clock spring, forming the toroidal core. This toroidal core does not have the air gap common to E-I technology, resulting in lower noise, greater efficiency and lower heat build up. The primary and secondary windings are wound one at a time, directly around the core.

Features:

- Smaller size. Lower weight than equivalent E-I design.
- High efficiency due to a toroidal core without an air gap.
- Quieter operation

Applications:

- Medical electronics
- Test and measurement equipment
- Process control equipment

Specifications:

- Grain oriented silicon steel core material
- Frequency Range: 50/60 Hz
- Hi-Pot: 4,000 Vrms
- Dielectric breakdown: Over 3,000 V, 1 minute between primary and secondary
- Operating Temperature: -15°C to +60°C



YUANXING Electronics Co., LTD

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T.I. Chen Associates

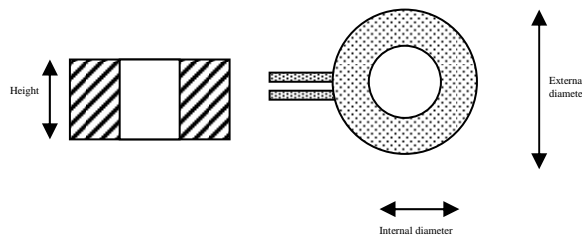
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Part Number	Capacity (VA)	External Diameter (mm)	Internal Diameter (mm)	Height (mm)	Weight (Kg)
TPT0025-xxx/yyy * zzz	5 ~ 8	57	45	26	0.20
TPT0030-xxx/yyy * zzz	8 ~ 10	65	57	33	0.32
TPT0040-xxx/yyy * zzz	10 ~ 15	84	63	37	0.40
TPT0050-xxx/yyy * zzz	20 ~ 28	84	63	39	0.50
TPT0060-xxx/yyy * zzz	25 ~ 35	85	68	42	0.60
TPT0080-xxx/yyy * zzz	30 ~ 45	85	75	42	0.70
TPT0100-xxx/yyy * zzz	35 ~ 55	85	75	44	0.90
TPT0120-xxx/yyy * zzz	50 ~ 70	90	80	48	1.00
TPT0300-xxx/yyy * zzz	150 ~ 200	120	103	63	2.60
TPT0400-xxx/yyy * zzz	200 ~ 280	150	110	66	3.10
TPT0500-xxx/yyy * zzz	280 ~ 340	160	118	70	3.80
TPT0600-xxx/yyy * zzz	340 ~ 600	165	125	85	6.50
TPT0800-xxx/yyy * zzz	600 ~ 800	188	145	85	6.80
TPT1000-xxx/yyy yyy * zzz	800 ~ 1100	215	155	99	10.50

Part Number:

TPT - / *

Model # Primary Voltage Secondary Voltage * Current

Outline Drawing:

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List Price:

Part Number	Description	List Price (\$US)
TPT0025-xxx/yyy * zzz	5 Watts, 57mm(D) x 26mm(H), 0.20kg	\$10.00
TPT0030-xxx/yyy * zzz	10 Watts, 65mm(D) x 33mm(H), 0.32kg	11.00
TPT0040-xxx/yyy * zzz	15 Watts, 84mm(D) x 37mm(H), 0.40kg	12.00
TPT0050-xxx/yyy * zzz	25 Watts, 84mm(D) x 39mm(H), 0.50kg	15.00
TPT0060-xxx/yyy * zzz	30 Watts, 85mm(D) x 42mm(H), 0.60kg	15.00
TPT0080-xxx/yyy * zzz	40 Watts, 85mm(D) x 42mm(H), 0.70kg	25.00
TPT0100-xxx/yyy * zzz	45 Watts, 85mm(D) x 42mm(H), 0.70kg	25.00
TPT0120-xxx/yyy * zzz	60 Watts, 90mm(D) x 44mm(H), 1.0kg	35.00
TPT0300-xxx/yyy * zzz	175 Watts, 120mm(D) x 63mm(H), 2.6kg	60.00
TPT0400-xxx/yyy * zzz	250 Watts, 150mm(D) x 66mm(H), 3.1kg	65.00
TPT0500-xxx/yyy * zzz	300 Watts, 160mm(D) x 70mm(H), 3.8kg	70.00
TPT0600-xxx/yyy * zzz	475 Watts, 165mm(D) x 85m(H), 6.5kg	95.00
TPT0800-xxx/yyy * zzz	700 Watts, 188mm(D) x 85m(H), 6.8kg	100.00
TPT1000-xxx/yyy * zzz	1,000 Watts, 215mm(D) x 99m(H), 10.5kg	135.00

Purchase order quantities of 100 to 499 of a single part number are eligible for a 20% discount from List Price. Higher quantity discounts are available.

TERMS: Net 30 days from date of invoice. Invoice date is date of shipment.
ExWorks/ FOB Tacoma, Washington USA.

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