

### Power Toroids - Horizontal or Vertical Mount

**Inductance** tested at 1 kHz, <10 gauss and 0 ADC

**DC Resistance** at 25°C

**Rated Idc** based on 40°C maximum rise from 25°C ambient with 0 Arms

**Windings** single layered to maximize operating frequency and minimize board space

**Self leads** solder coated to within 0.050" of seating plane

**Other values** available on request

**Packaging** Bulk only

**Mounting** Standard mounting is self-lead radial per Figure "1". Optional mounting methods are self-leaded horizontal per Figure "2" or vertical base mounted per Figures "3" and "4".



\*Complete part # must include series # PLUS the dash #

For surface finish information,  
refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)

Power Inductors

MOUNTING AVAILABLE

FIG. "1" STANDARD VERTICAL

HORIZONTAL

FIG. "3" 2-LEAD VERTICAL

FIG. "4" 4-LEAD VERTICAL

DASH NUMBER\*

IND. (μH) ±15% @ 1 kHz

DCR MAXIMUM (OHMS)

RATED IDC (AMPS)

| PT SERIES POWER TOROIDS |      |       |      |   |   |   |   |
|-------------------------|------|-------|------|---|---|---|---|
| PT5-530                 | 5    | 0.015 | 6.1  | • | • | • |   |
| PT5-700                 | 5    | 0.012 | 7.4  | • | • | • |   |
| PT5-800                 | 5    | 0.010 | 10.6 | • | • | • |   |
| PT5-1000                | 5    | 0.008 | 12.8 | • | • | • |   |
| PT10-530                | 10   | 0.020 | 4.9  | • | • | • |   |
| PT10-680                | 10   | 0.015 | 6.8  | • | • | • |   |
| PT10-820                | 10   | 0.010 | 9.3  | • | • | • |   |
| PT10-990                | 10   | 0.008 | 13.2 | • | • | • |   |
| PT25-680                | 25   | 0.035 | 4.4  | • | • | • |   |
| PT25-800                | 25   | 0.025 | 6.6  | • | • | • |   |
| PT25-900                | 25   | 0.020 | 7.0  | • | • | • |   |
| PT25-1000               | 25   | 0.014 | 10.4 | • | • | • |   |
| PT50-780                | 50   | 0.050 | 3.8  | • | • | • |   |
| PT50-900                | 50   | 0.030 | 5.6  | • | • | • |   |
| PT50-1020               | 50   | 0.025 | 7.0  | • | • | • |   |
| PT50-1320               | 50   | 0.020 | 11.0 | • | • | • |   |
| PT75-900                | 75   | 0.060 | 3.9  | • | • | • |   |
| PT75-980                | 75   | 0.040 | 5.2  | • | • | • |   |
| PT75-1260               | 75   | 0.035 | 7.4  | • | • | • |   |
| PT75-1550               | 75   | 0.025 | 10.6 | • | • | • |   |
| PT100-1000              | 100  | 0.080 | 3.5  | • | • | • |   |
| PT100-1100              | 100  | 0.050 | 5.1  | • | • | • |   |
| PT100-1260              | 100  | 0.035 | 7.8  | • | • | • |   |
| PT100-1550              | 100  | 0.028 | 10.3 | • | • | • |   |
| PT150-1040              | 150  | 0.100 | 3.4  | • | • | • |   |
| PT150-1250              | 150  | 0.060 | 5.7  | • | • | • |   |
| PT150-1500              | 150  | 0.050 | 7.7  | • | • | • | • |
| PT150-2050              | 150  | 0.040 | 12.3 | • | • | • | • |
| PT250-1200              | 250  | 0.130 | 3.8  | • | • | • | • |
| PT250-1500              | 250  | 0.080 | 6.1  | • | • | • | • |
| PT250-1800              | 250  | 0.055 | 9.1  | • | • | • | • |
| PT300-1200              | 300  | 0.150 | 3.3  | • | • | • | • |
| PT300-1500              | 300  | 0.100 | 5.5  | • | • | • | • |
| PT300-1750              | 300  | 0.075 | 7.3  | • | • | • | • |
| PT400-1200              | 400  | 0.250 | 2.4  | • | • | • | • |
| PT400-1500              | 400  | 0.180 | 4.7  | • | • | • | • |
| PT400-1750              | 400  | 0.110 | 6.0  | • | • | • | • |
| PT500-1450              | 500  | 0.220 | 3.4  | • | • | • | • |
| PT500-1750              | 500  | 0.160 | 5.0  | • | • | • | • |
| PT500-2000              | 500  | 0.090 | 8.0  | • | • | • | • |
| PT750-1400              | 750  | 0.350 | 2.6  | • | • | • | • |
| PT750-1700              | 750  | 0.280 | 3.7  | • | • | • | • |
| PT750-2050              | 750  | 0.150 | 6.4  | • | • | • | • |
| PT1000-1400             | 1000 | 0.620 | 1.8  | • | • | • | • |
| PT1000-1750             | 1000 | 0.420 | 3.1  | • | • | • | • |
| PT1000-2050             | 1000 | 0.200 | 5.9  | • | • | • | • |

**Notes to Figure 5 (Page 100)** The PT Toroid Series inductance is specified at AC and DC signal levels which have no significant effect on the permeability of the powdered iron toroidal core. Superimposed AC and DC voltages will change the permeability and therefore the inductance, under operating conditions. Typically, DC currents will reduce the inductance, while AC signals will increase the inductance up to a point, before beginning to decrease. Supporting information is provided, detailing the AC or DC effects upon each part. Saturation resulting from DC currents is specified with waveform having less than a 1% ripple content. When considering the AC waveform, both the frequency and voltage level must be taken into account. As an aid in defining what effect the alternating sine wave signal will have, the voltage/frequency factor curve can be used. To determine what change of inductance can be expected at a given voltage level and frequency, simply divide the sinusoidal RMS voltage by the frequency. The voltage is in volts and the frequency is in hertz. As an example, if using part number PT25-680 at a 1VRMS signal level, and a frequency of 25KHz, the voltage/frequency factor is calculated to be: 1VRMS/25,000Hz = 40 x 10<sup>-6</sup>. Referring to the graph, a 39% increase in inductance would be expected.

**Notes to Figure 6 (Page 100)** Typical saturation effects as a function of DC flowing through the part. Data is representative of a DC waveform with less than 1% ripple, and an AC waveform less than 10 gauss.

**Note** This information is intended to be used in assisting the designer in part selection. Each operating application may contain other variables which must be considered in part selection; such as temperature effects, waveform distortion, etc.... Delevan Sales/Engineering staff is available to provide information as needed to fit each application.

## PT SERIES (continued)

## Power Toroids

## ELECTRICAL      PHYSICAL PARAMETERS

| Power Toroids       |                        |                 |                  |        |       |        |       |           |       |        |      |           |      |           |       |
|---------------------|------------------------|-----------------|------------------|--------|-------|--------|-------|-----------|-------|--------|------|-----------|------|-----------|-------|
| PART<br>NUMBER      | IND.(μH) ± 15% @ 1 kHz | DCR MAX. (OHMS) | RATED IDC (Amps) | A Max. |       | B Max. |       | C Nominal |       | D Min. |      | E Nominal |      | F Nominal |       |
|                     |                        |                 |                  | Inches | mm    | Inches | mm    | Inches    | mm    | Inches | mm   | Inches    | mm   | Inches    | mm    |
| SERIES PT IRON CORE |                        |                 |                  |        |       |        |       |           |       |        |      |           |      |           |       |
| PT5-530             | 5                      | 0.015           | 6.1              | 0.53   | 13.46 | 0.23   | 5.84  | 0.17      | 4.32  | 0.50   | 12.7 | 0.025     | 0.64 | 0.450     | 11.43 |
| PT5-700             | 5                      | 0.012           | 7.4              | 0.70   | 17.78 | 0.33   | 8.38  | 0.24      | 6.10  | 0.50   | 12.7 | 0.032     | 0.81 | 0.600     | 15.24 |
| PT5-800             | 5                      | 0.010           | 10.6             | 0.80   | 20.32 | 0.36   | 9.14  | 0.31      | 7.87  | 0.50   | 12.7 | 0.040     | 1.02 | 0.720     | 18.30 |
| PT5-1000            | 5                      | 0.008           | 12.8             | 1.00   | 25.40 | 0.40   | 10.16 | 0.34      | 8.64  | 0.50   | 12.7 | 0.051     | 1.30 | 0.950     | 24.13 |
| PT10-530            | 10                     | 0.020           | 4.9              | 0.53   | 13.46 | 0.23   | 5.84  | 0.17      | 4.32  | 0.50   | 12.7 | 0.025     | 0.64 | 0.450     | 11.43 |
| PT10-680            | 10                     | 0.015           | 6.8              | 0.68   | 17.27 | 0.33   | 8.38  | 0.24      | 6.10  | 0.50   | 12.7 | 0.032     | 0.81 | 0.600     | 15.24 |
| PT10-820            | 10                     | 0.010           | 9.3              | 0.82   | 20.83 | 0.37   | 9.40  | 0.29      | 7.37  | 0.50   | 12.7 | 0.040     | 1.02 | 0.720     | 18.30 |
| PT10-990            | 10                     | 0.008           | 13.2             | 0.99   | 25.15 | 0.40   | 10.16 | 0.34      | 8.64  | 0.50   | 12.7 | 0.051     | 1.30 | 0.950     | 24.13 |
| PT25-680            | 25                     | 0.035           | 4.4              | 0.68   | 17.27 | 0.37   | 9.40  | 0.29      | 7.37  | 0.50   | 12.7 | 0.025     | 0.64 | 0.580     | 14.73 |
| PT25-800            | 25                     | 0.025           | 6.6              | 0.80   | 20.32 | 0.35   | 8.89  | 0.28      | 7.11  | 0.50   | 12.7 | 0.032     | 0.81 | 0.700     | 17.78 |
| PT25-900            | 25                     | 0.020           | 7.0              | 0.90   | 22.86 | 0.40   | 10.16 | 0.30      | 7.62  | 0.50   | 12.7 | 0.040     | 1.02 | 0.820     | 20.83 |
| PT25-1000           | 25                     | 0.014           | 10.4             | 1.00   | 25.40 | 0.40   | 10.16 | 0.37      | 9.40  | 0.50   | 12.7 | 0.051     | 1.30 | 0.950     | 24.13 |
| PT50-780            | 50                     | 0.050           | 3.8              | 0.78   | 19.81 | 0.36   | 9.14  | 0.27      | 6.86  | 0.50   | 12.7 | 0.025     | 0.64 | 0.680     | 17.27 |
| PT50-900            | 50                     | 0.030           | 5.6              | 0.90   | 22.86 | 0.38   | 9.65  | 0.30      | 7.62  | 0.50   | 12.7 | 0.032     | 0.81 | 0.790     | 20.07 |
| PT50-1020           | 50                     | 0.025           | 7.0              | 1.02   | 25.91 | 0.62   | 15.75 | 0.43      | 10.92 | 0.50   | 12.7 | 0.040     | 1.02 | 0.920     | 23.37 |
| PT50-1320           | 50                     | 0.020           | 11.0             | 1.32   | 33.53 | 0.63   | 16.00 | 0.53      | 13.46 | 0.50   | 12.7 | 0.051     | 1.30 | 1.220     | 30.99 |
| PT75-900            | 75                     | 0.060           | 3.9              | 0.90   | 22.86 | 0.36   | 9.14  | 0.29      | 7.37  | 0.50   | 12.7 | 0.025     | 0.64 | 0.770     | 19.56 |
| PT75-980            | 75                     | 0.040           | 5.2              | 0.98   | 24.89 | 0.38   | 9.65  | 0.30      | 7.62  | 0.50   | 12.7 | 0.032     | 0.81 | 0.890     | 22.61 |
| PT75-1260           | 75                     | 0.035           | 7.4              | 1.26   | 32.00 | 0.60   | 15.24 | 0.49      | 12.45 | 0.50   | 12.7 | 0.040     | 1.02 | 1.200     | 30.48 |
| PT75-1550           | 75                     | 0.025           | 10.6             | 1.55   | 39.37 | 0.64   | 16.26 | 0.53      | 13.46 | 0.50   | 12.7 | 0.051     | 1.30 | 1.500     | 38.10 |
| PT100-1000          | 100                    | 0.080           | 3.5              | 1.00   | 25.40 | 0.36   | 9.14  | 0.29      | 7.37  | 0.50   | 12.7 | 0.025     | 0.64 | 0.880     | 22.35 |
| PT100-1100          | 100                    | 0.050           | 5.1              | 1.10   | 27.94 | 0.50   | 12.70 | 0.42      | 10.67 | 0.50   | 12.7 | 0.032     | 0.81 | 0.890     | 22.61 |
| PT100-1260          | 100                    | 0.035           | 7.8              | 1.26   | 32.00 | 0.60   | 15.24 | 0.49      | 12.45 | 0.50   | 12.7 | 0.040     | 1.02 | 1.200     | 30.48 |
| PT100-1550          | 100                    | 0.028           | 10.3             | 1.55   | 39.37 | 0.64   | 16.26 | 0.53      | 13.46 | 0.50   | 12.7 | 0.051     | 1.30 | 1.500     | 38.10 |
| PT150-1040          | 150                    | 0.100           | 3.4              | 1.04   | 26.42 | 0.50   | 12.70 | 0.41      | 10.41 | 0.50   | 12.7 | 0.025     | 0.64 | 0.880     | 22.35 |
| PT150-1250          | 150                    | 0.060           | 5.7              | 1.25   | 31.75 | 0.58   | 14.73 | 0.48      | 12.19 | 0.50   | 12.7 | 0.032     | 0.81 | 1.160     | 29.46 |
| PT150-1500          | 150                    | 0.050           | 7.7              | 1.50   | 38.10 | 0.62   | 15.75 | 0.50      | 12.70 | 0.50   | 12.7 | 0.040     | 1.02 | 1.420     | 36.07 |
| PT150-2050          | 150                    | 0.040           | 12.3             | 2.05   | 52.07 | 0.92   | 23.37 | 0.80      | 20.32 | 0.50   | 12.7 | 0.051     | 1.30 | 2.000     | 50.80 |
| PT250-1200          | 250                    | 0.130           | 3.8              | 1.20   | 30.48 | 0.55   | 13.97 | 0.49      | 12.45 | 0.50   | 12.7 | 0.025     | 0.64 | 1.200     | 30.48 |
| PT250-1500          | 250                    | 0.080           | 6.1              | 1.50   | 38.10 | 0.60   | 15.24 | 0.50      | 12.70 | 0.50   | 12.7 | 0.036     | 0.91 | 1.450     | 36.83 |
| PT250-1800          | 250                    | 0.055           | 9.1              | 1.80   | 45.72 | 0.77   | 19.56 | 0.69      | 17.53 | 0.50   | 12.7 | 0.051     | 1.30 | 1.750     | 44.45 |
| PT300-1200          | 300                    | 0.150           | 3.3              | 1.20   | 30.48 | 0.55   | 13.97 | 0.48      | 12.19 | 0.50   | 12.7 | 0.025     | 0.64 | 1.200     | 30.48 |
| PT300-1500          | 300                    | 0.100           | 5.5              | 1.50   | 38.10 | 0.60   | 15.24 | 0.51      | 12.95 | 0.50   | 12.7 | 0.032     | 0.81 | 1.400     | 35.56 |
| PT300-1750          | 300                    | 0.075           | 7.3              | 1.75   | 44.45 | 0.76   | 19.30 | 0.65      | 16.51 | 0.50   | 12.7 | 0.045     | 1.14 | 1.750     | 44.45 |
| PT400-1200          | 400                    | 0.250           | 2.4              | 1.20   | 30.48 | 0.55   | 13.97 | 0.48      | 12.19 | 0.50   | 12.7 | 0.020     | 0.51 | 1.150     | 29.21 |
| PT400-1500          | 400                    | 0.180           | 4.7              | 1.50   | 38.10 | 0.60   | 15.24 | 0.50      | 12.70 | 0.50   | 12.7 | 0.025     | 0.64 | 1.400     | 35.56 |
| PT400-1750          | 400                    | 0.110           | 6.0              | 1.75   | 44.45 | 0.78   | 19.81 | 0.70      | 17.78 | 0.50   | 12.7 | 0.040     | 1.02 | 1.750     | 44.45 |
| PT500-1450          | 500                    | 0.220           | 3.4              | 1.45   | 36.83 | 0.58   | 14.73 | 0.50      | 12.70 | 0.50   | 12.7 | 0.025     | 0.64 | 1.400     | 35.56 |
| PT500-1750          | 500                    | 0.160           | 5.0              | 1.75   | 44.45 | 0.75   | 19.05 | 0.62      | 15.75 | 0.50   | 12.7 | 0.036     | 0.91 | 1.700     | 43.18 |
| PT500-2000          | 500                    | 0.090           | 8.0              | 2.05   | 52.07 | 0.88   | 22.35 | 0.76      | 19.30 | 0.50   | 12.7 | 0.045     | 1.14 | 2.000     | 50.80 |
| PT750-1400          | 750                    | 0.350           | 2.6              | 1.40   | 35.56 | 0.55   | 13.97 | 0.48      | 12.19 | 0.50   | 12.7 | 0.020     | 0.51 | 1.400     | 35.56 |
| PT750-1700          | 750                    | 0.280           | 3.7              | 1.70   | 43.18 | 0.70   | 17.78 | 0.62      | 15.75 | 0.50   | 12.7 | 0.025     | 0.64 | 1.660     | 42.16 |
| PT750-2050          | 750                    | 0.150           | 6.4              | 2.05   | 52.07 | 0.85   | 21.59 | 0.78      | 19.81 | 0.50   | 12.7 | 0.036     | 0.91 | 2.000     | 50.80 |
| PT1000-1400         | 1000                   | 0.620           | 1.8              | 1.40   | 35.56 | 0.55   | 13.97 | 0.48      | 12.19 | 0.50   | 12.7 | 0.016     | 0.41 | 1.360     | 34.54 |
| PT1000-1750         | 1000                   | 0.420           | 3.1              | 1.75   | 44.45 | 0.70   | 17.78 | 0.62      | 15.75 | 0.50   | 12.7 | 0.025     | 0.64 | 1.660     | 42.16 |
| PT1000-2050         | 1000                   | 0.200           | 5.9              | 2.05   | 52.07 | 0.85   | 21.59 | 0.78      | 19.81 | 0.50   | 12.7 | 0.032     | 0.81 | 2.000     | 50.80 |

**Note:** Vertical configuration is standard; add suffix "HM" for horizontal mounting

FIGURE 1: STANDARD VERTICAL MOUNT

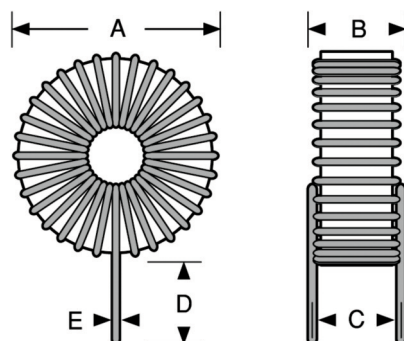
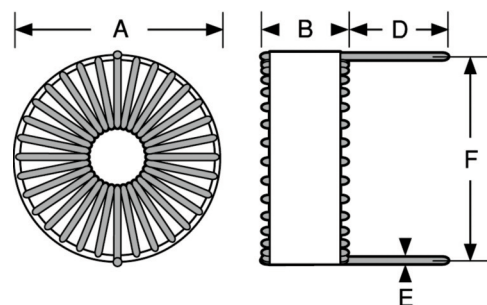


FIGURE 2: HORIZONTAL MOUNT



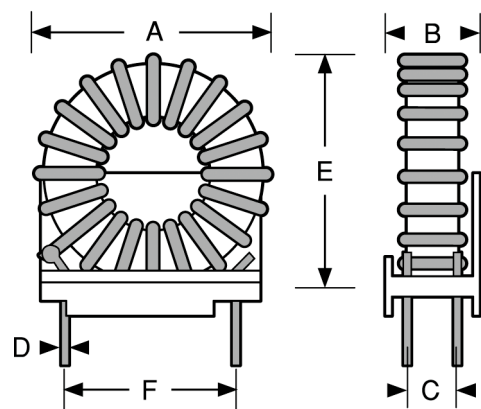
## Power Toroids

| ELECTRICAL                         |                         | PHYSICAL PARAMETERS |                  |         |               |       |        |       |           |       |           |      |        |       |           |       |  |
|------------------------------------|-------------------------|---------------------|------------------|---------|---------------|-------|--------|-------|-----------|-------|-----------|------|--------|-------|-----------|-------|--|
| PART NUMBER                        | IND. (μH) ± 15% @ 1 kHz | DCR MAX. (OHMS)     | RATED IDC (AMPS) | FIGURE# | Power Toroids |       |        |       |           |       |           |      |        |       |           |       |  |
|                                    |                         |                     |                  |         | A Max.        |       | B Max. |       | C Typical |       | D Typical |      | E Max. |       | F Typical |       |  |
|                                    |                         |                     |                  |         | Inches        | mm    | Inches | mm    | Inches    | mm    | Inches    | mm   | Inches | mm    | Inches    | mm    |  |
| SERIES PT VERTICAL MOUNT IRON CORE |                         |                     |                  |         |               |       |        |       |           |       |           |      |        |       |           |       |  |
| PT5-530-VM                         | 5                       | 0.015               | 6.1              | 3       | 0.580         | 14.73 | 0.340  | 8.64  | 0.220     | 5.59  | 0.025     | 0.63 | 0.640  | 16.26 | 0.290     | 7.37  |  |
| PT5-700-VM                         | 5                       | 0.012               | 7.4              | 3       | 0.650         | 16.51 | 0.450  | 11.43 | 0.300     | 7.62  | 0.032     | 0.81 | 0.810  | 20.57 | 0.325     | 8.25  |  |
| PT5-800-VM                         | 5                       | 0.010               | 10.6             | 3       | 0.830         | 21.08 | 0.450  | 11.43 | 0.300     | 7.62  | 0.040     | 1.02 | 0.910  | 23.11 | 0.415     | 10.54 |  |
| PT10-530-VM                        | 10                      | 0.020               | 4.9              | 3       | 0.580         | 14.73 | 0.340  | 8.64  | 0.220     | 5.59  | 0.025     | 0.63 | 0.640  | 16.26 | 0.290     | 7.37  |  |
| PT10-680-VM                        | 10                      | 0.015               | 6.8              | 3       | 0.650         | 16.51 | 0.450  | 11.43 | 0.300     | 7.62  | 0.032     | 0.81 | 0.790  | 20.07 | 0.325     | 8.25  |  |
| PT10-820-VM                        | 10                      | 0.010               | 9.3              | 3       | 0.830         | 21.08 | 0.450  | 11.43 | 0.300     | 7.62  | 0.040     | 1.02 | 0.930  | 23.62 | 0.415     | 10.54 |  |
| PT25-680-VM                        | 25                      | 0.035               | 4.4              | 3       | 0.650         | 16.51 | 0.450  | 11.43 | 0.300     | 7.62  | 0.025     | 0.63 | 0.790  | 20.07 | 0.325     | 8.25  |  |
| PT25-800-VM                        | 25                      | 0.025               | 6.6              | 3       | 0.830         | 21.08 | 0.450  | 11.43 | 0.300     | 7.62  | 0.032     | 0.81 | 0.910  | 23.11 | 0.415     | 10.54 |  |
| PT25-900-VM                        | 25                      | 0.020               | 7.0              | 3       | 0.950         | 24.13 | 0.600  | 15.24 | 0.450     | 11.43 | 0.040     | 1.02 | 1.010  | 25.65 | 0.475     | 12.06 |  |
| PT50-780-VM                        | 50                      | 0.050               | 3.8              | 3       | 0.830         | 21.08 | 0.450  | 11.43 | 0.300     | 7.62  | 0.025     | 0.63 | 0.890  | 22.61 | 0.415     | 10.54 |  |
| PT50-900-VM                        | 50                      | 0.030               | 5.6              | 3       | 0.830         | 21.08 | 0.450  | 11.43 | 0.300     | 7.62  | 0.032     | 0.81 | 1.110  | 28.19 | 0.415     | 10.54 |  |
| PT50-1020-VM                       | 50                      | 0.025               | 7.0              | 3       | 1.250         | 31.75 | 0.700  | 17.78 | 0.500     | 12.70 | 0.040     | 1.02 | 1.130  | 28.70 | 0.625     | 15.87 |  |
| PT75-900-VM                        | 75                      | 0.060               | 3.9              | 3       | 0.950         | 24.13 | 0.600  | 15.24 | 0.450     | 11.43 | 0.025     | 0.63 | 1.010  | 25.65 | 0.475     | 12.06 |  |
| PT75-980-VM                        | 75                      | 0.040               | 5.2              | 3       | 0.950         | 24.13 | 0.600  | 15.24 | 0.450     | 11.43 | 0.032     | 0.81 | 1.090  | 27.69 | 0.475     | 12.06 |  |
| PT75-1260-VM                       | 75                      | 0.035               | 7.4              | 3       | 1.250         | 31.75 | 0.700  | 17.78 | 0.500     | 12.70 | 0.040     | 1.02 | 1.390  | 35.31 | 0.625     | 15.87 |  |
| PT100-1000-VM                      | 100                     | 0.080               | 3.5              | 3       | 0.950         | 24.13 | 0.600  | 15.24 | 0.450     | 11.43 | 0.025     | 0.63 | 1.130  | 28.70 | 0.475     | 12.06 |  |
| PT100-1100-VM                      | 100                     | 0.050               | 5.1              | 3       | 0.950         | 24.13 | 0.600  | 15.24 | 0.450     | 11.43 | 0.032     | 0.81 | 1.230  | 31.24 | 0.475     | 12.06 |  |
| PT100-1260-VM                      | 100                     | 0.035               | 7.8              | 3       | 1.250         | 31.75 | 0.700  | 17.78 | 0.500     | 12.70 | 0.040     | 1.02 | 1.390  | 35.31 | 0.625     | 15.87 |  |
| PT150-1040-VM                      | 150                     | 0.100               | 3.4              | 3       | 0.950         | 24.13 | 0.600  | 15.24 | 0.450     | 11.43 | 0.025     | 0.63 | 1.170  | 29.72 | 0.475     | 12.06 |  |
| PT150-1250-VM                      | 150                     | 0.060               | 5.7              | 3       | 1.250         | 31.75 | 0.700  | 17.78 | 0.500     | 12.70 | 0.032     | 0.81 | 1.380  | 35.05 | 0.625     | 15.87 |  |
| PT150-1500-VM                      | 150                     | 0.050               | 7.7              | 4       | 1.500         | 38.10 | 0.800  | 20.32 | 0.600     | 15.24 | 0.050     | 1.27 | 1.630  | 41.40 | 0.900     | 22.86 |  |
| PT250-1200-VM                      | 250                     | 0.130               | 3.8              | 3       | 1.250         | 31.75 | 0.700  | 17.78 | 0.500     | 12.70 | 0.025     | 0.63 | 1.330  | 33.78 | 0.625     | 15.87 |  |
| PT250-1500-VM                      | 250                     | 0.080               | 6.1              | 4       | 1.500         | 38.10 | 0.800  | 20.32 | 0.600     | 15.24 | 0.050     | 1.27 | 1.630  | 41.40 | 0.900     | 22.86 |  |
| PT300-1200-VM                      | 300                     | 0.150               | 3.3              | 3       | 1.250         | 31.75 | 0.700  | 17.78 | 0.500     | 12.70 | 0.025     | 0.63 | 1.330  | 33.78 | 0.625     | 15.87 |  |
| PT300-1500-VM                      | 300                     | 0.100               | 5.5              | 4       | 1.500         | 38.10 | 0.800  | 20.32 | 0.600     | 15.24 | 0.050     | 1.27 | 1.630  | 41.40 | 0.900     | 22.86 |  |
| PT400-1200-VM                      | 400                     | 0.250               | 2.4              | 3       | 1.250         | 31.75 | 0.700  | 17.78 | 0.500     | 12.70 | 0.020     | 0.51 | 1.330  | 33.78 | 0.625     | 15.87 |  |
| PT400-1500-VM                      | 400                     | 0.180               | 4.7              | 4       | 1.500         | 38.10 | 0.800  | 20.32 | 0.600     | 15.24 | 0.050     | 1.27 | 1.630  | 41.40 | 0.900     | 22.86 |  |
| PT400-1750-VM                      | 400                     | 0.110               | 6.0              | 4       | 1.750         | 44.45 | 0.900  | 22.86 | 0.700     | 17.78 | 0.050     | 1.27 | 1.880  | 47.75 | 1.200     | 30.48 |  |
| PT500-1450-VM                      | 500                     | 0.220               | 3.4              | 4       | 1.450         | 36.83 | 0.800  | 20.32 | 0.600     | 15.24 | 0.050     | 1.27 | 1.580  | 40.13 | 0.900     | 22.86 |  |
| PT500-1750-VM                      | 500                     | 0.160               | 5.0              | 4       | 1.750         | 44.45 | 0.900  | 22.86 | 0.700     | 17.78 | 0.050     | 1.27 | 1.880  | 47.75 | 1.200     | 30.48 |  |
| PT750-1400-VM                      | 750                     | 0.350               | 2.6              | 4       | 1.400         | 35.56 | 0.800  | 20.32 | 0.600     | 15.24 | 0.050     | 1.27 | 1.530  | 38.86 | 0.900     | 22.86 |  |
| PT750-1700-VM                      | 750                     | 0.280               | 3.7              | 4       | 1.700         | 43.18 | 0.900  | 22.86 | 0.700     | 17.78 | 0.050     | 1.27 | 1.830  | 46.48 | 1.200     | 30.48 |  |
| PT750-2050-VM                      | 750                     | 0.150               | 6.4              | 4       | 2.050         | 52.07 | 0.900  | 22.86 | 0.700     | 17.78 | 0.050     | 1.27 | 2.180  | 55.37 | 1.200     | 30.48 |  |
| PT1000-1400-VM                     | 1000                    | 0.620               | 1.8              | 4       | 1.400         | 35.56 | 0.800  | 20.32 | 0.600     | 15.24 | 0.050     | 1.27 | 1.530  | 38.86 | 0.900     | 22.86 |  |
| PT1000-1750-VM                     | 1000                    | 0.420               | 3.1              | 4       | 1.750         | 44.45 | 0.900  | 22.86 | 0.700     | 17.78 | 0.050     | 1.27 | 1.980  | 50.29 | 1.200     | 30.48 |  |
| PT1000-2050-VM                     | 1000                    | 0.200               | 5.9              | 4       | 2.050         | 52.07 | 0.900  | 22.86 | 0.700     | 17.78 | 0.050     | 1.27 | 2.180  | 55.37 | 1.200     | 30.48 |  |

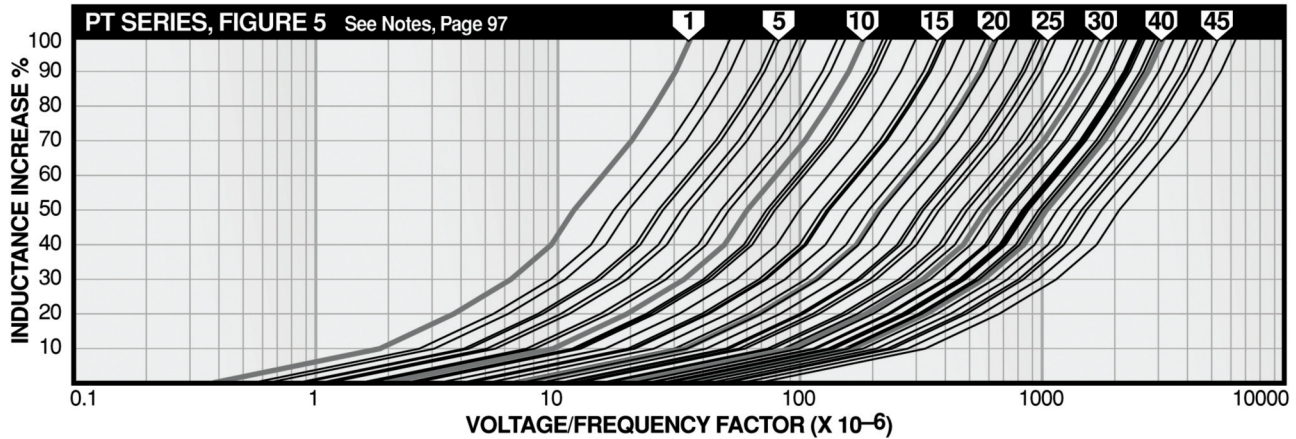
FIGURE 3: 2-LEAD VERTICAL BASE MOUNT



FIGURE 4: 4-LEAD VERTICAL BASE MOUNT

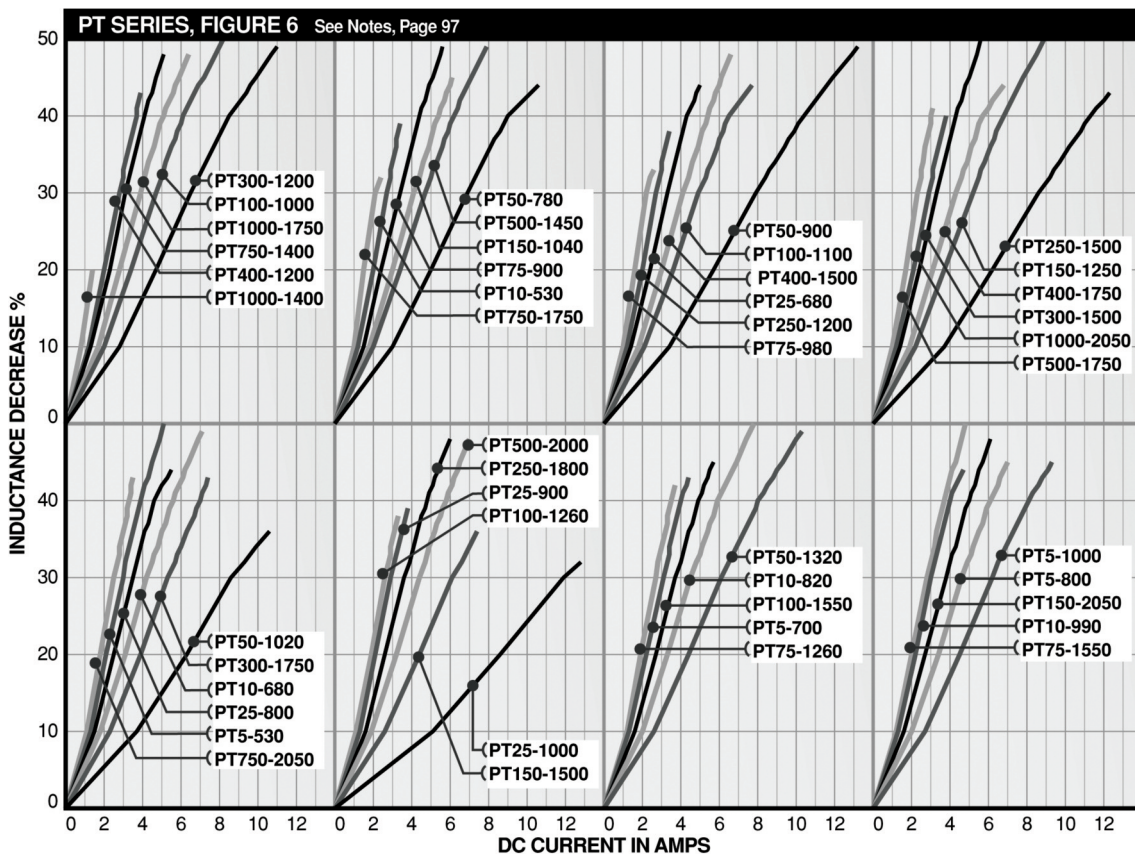


**Power Toroids -  
Horizontal or Vertical Mount**



**KEY TO FIGURE 5 CURVE NUMBERS** Graphs apply to all mounting styles. For more detailed graphs, contact factory.

|             |               |                |                |                |                |                 |                 |
|-------------|---------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| 1) PT5-530  | 7) PT10-820   | 13) PT50-780   | 19) PT100-1100 | 25) PT100-1550 | 31) PT400-1200 | 37) PT500-1450  | 43) PT500-2000  |
| 2) PT10-530 | 8) PT10-990   | 14) PT50-900   | 20) PT50-1320  | 26) PT150-1250 | 32) PT300-1500 | 38) PT400-1750  | 44) PT1000-1750 |
| 3) PT5-700  | 9) PT25-680   | 15) PT75-900   | 21) PT150-1040 | 27) PT150-1500 | 33) PT400-1500 | 39) PT750-1400  | 45) PT750-2050  |
| 4) PT5-800  | 10) PT25-800  | 16) PT75-980   | 22) PT75-1260  | 28) PT250-1200 | 34) PT250-1800 | 40) PT500-1750  | 46) PT1000-2050 |
| 5) PT10-680 | 11) PT25-900  | 17) PT50-1020  | 23) PT100-1260 | 29) PT300-1200 | 35) PT150-2050 | 41) PT1000-1400 |                 |
| 6) PT5-1000 | 12) PT25-1000 | 18) PT100-1000 | 24) PT75-1550  | 30) PT250-1500 | 36) PT300-1750 | 42) PT750-1750  |                 |



For more detailed graphs, contact factory