

### 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

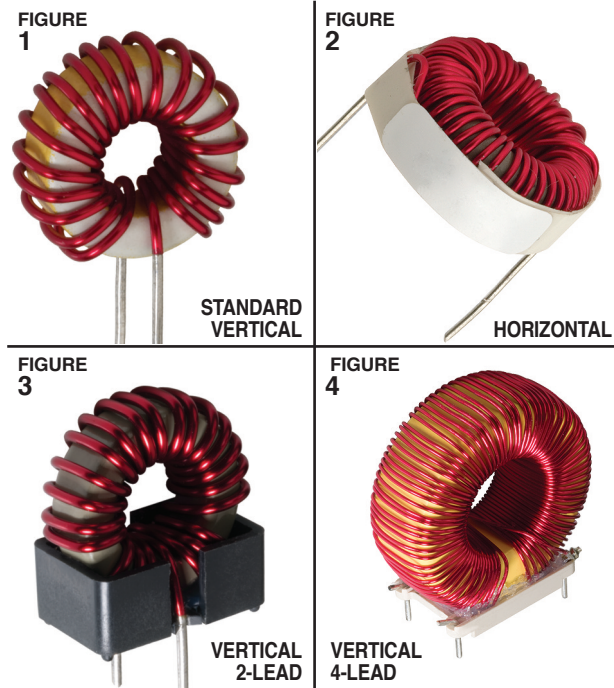
**Windings** single layered to maximize operating frequency and minimize board space

**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

RATED IDC (AMPS)

DCR MAXIMUM (OHMS)

IND. (μH) ±15% @ 1 kHz

DASH NUMBER\*

| PT SERIES POWER TOROIDS |                 |         |               |          |          |          |          |
|-------------------------|-----------------|---------|---------------|----------|----------|----------|----------|
| Part #                  | Inductance (μH) | DCR (Ω) | Rated IDC (A) | Mounting | Mounting | Mounting | Mounting |
| 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.

## Power Toroids

## ELECTRICAL PHYSICAL PARAMETERS

| Power Toroids       |                            |                 |                  |        |       |        |       |           |       |        |      |           |      |           |       |
|---------------------|----------------------------|-----------------|------------------|--------|-------|--------|-------|-----------|-------|--------|------|-----------|------|-----------|-------|
| PART<br>NUMBER      | IND. (μH) ± 15%<br>@ 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

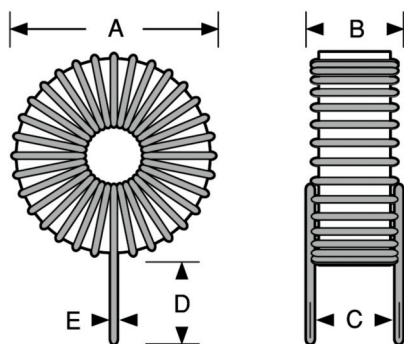
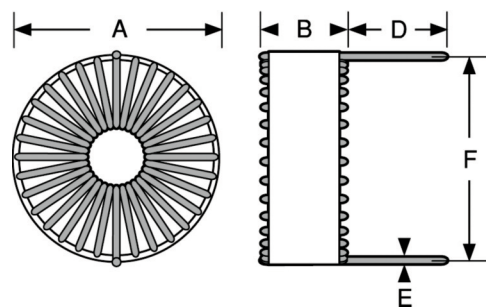


FIGURE 2: HORIZONTAL MOUNT



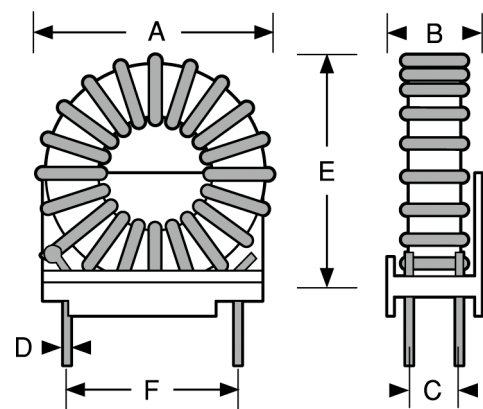
## Power Toroids

| ELECTRICAL                         |                         | PHYSICAL PARAMETERS |                  |         |               |       |        |       |           |       |           |      |        |       |           |       |  |  |
|------------------------------------|-------------------------|---------------------|------------------|---------|---------------|-------|--------|-------|-----------|-------|-----------|------|--------|-------|-----------|-------|--|--|
| PART<br>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 |  |  |

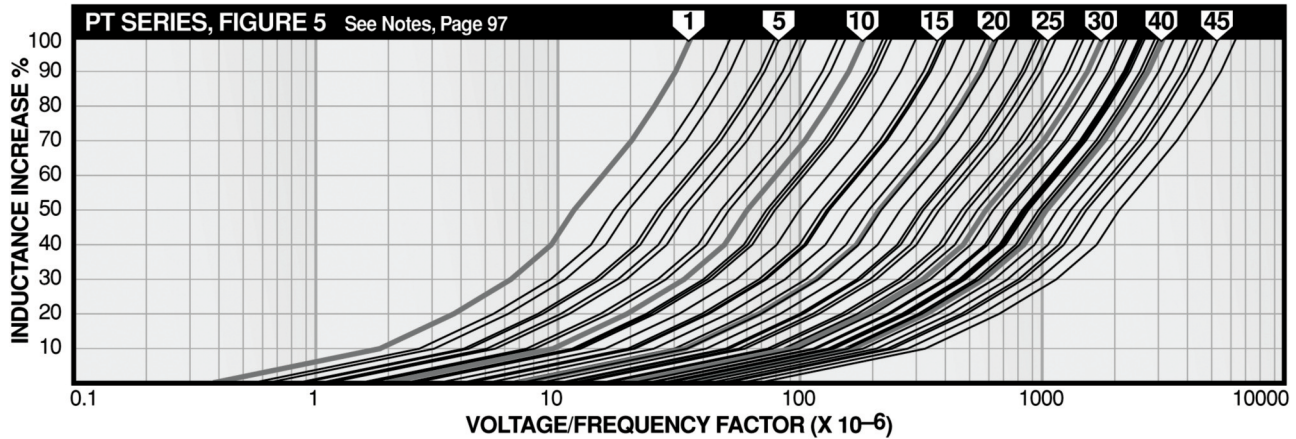
FIGURE 3: 2-LEAD VERTICAL BASE MOUNT



FIGURE 4: 4-LEAD VERTICAL BASE MOUNT

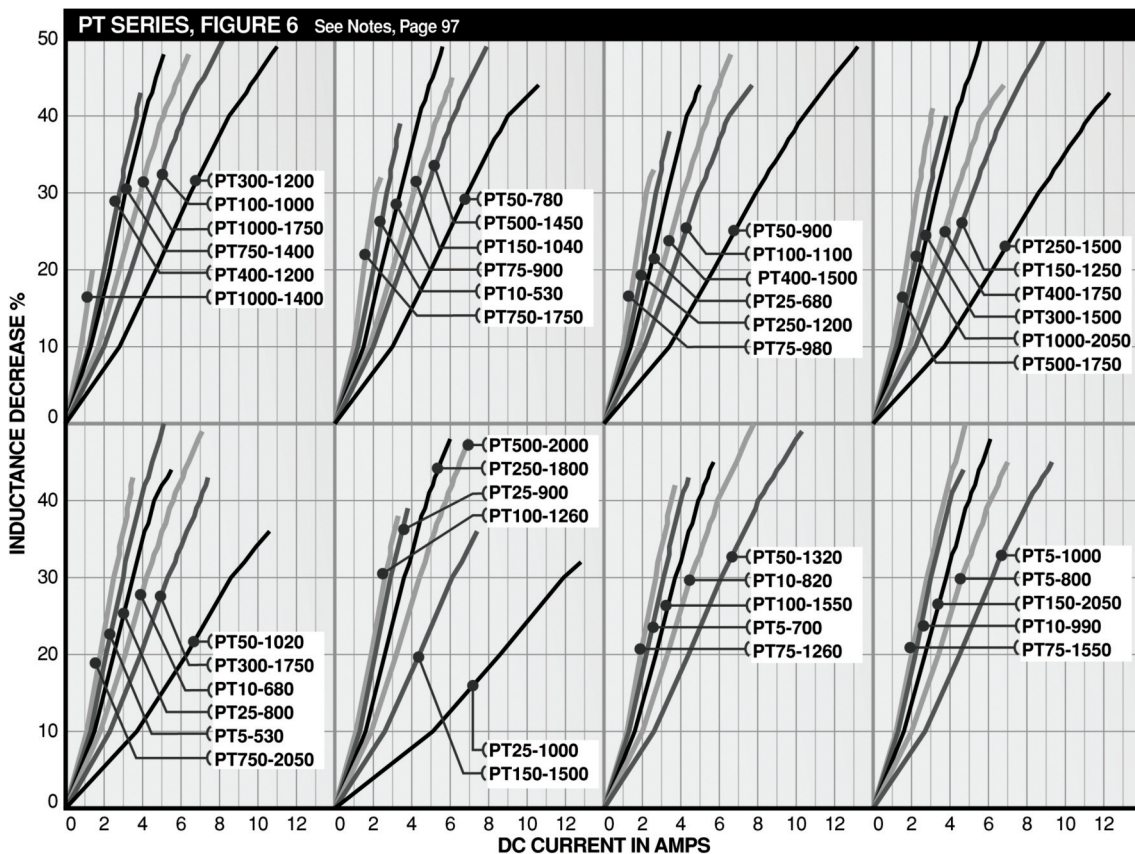


**Power Toroids -  
Horizontal or Vertical Mount**



**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