

# ETD Power Switchmode Transformers

**Features:**

- Ideal for IEC spacing applications
- Low leakage inductance
- Choice of low profile horizontal or upright vertical mounting.

**How to choose your model:**

- Use the “sizing factor” previously calculated and the frequency to locate a point on the chart.
- Choose the model # whose line is above the located point.
- Note: During the design process, the actual sizing factor may vary from the assumptions used here.



Figure 1:

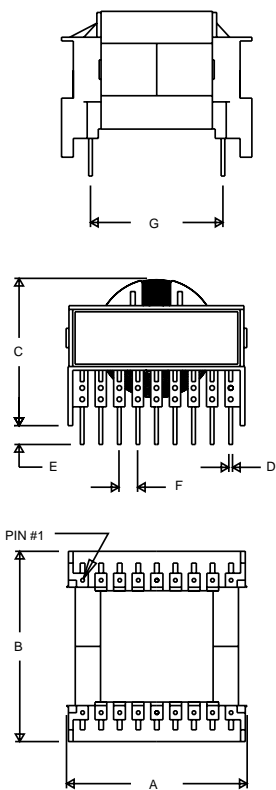
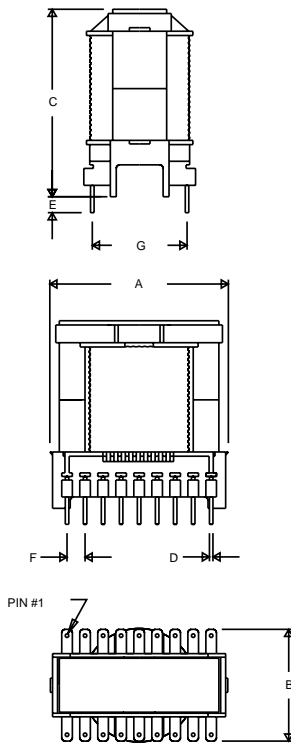
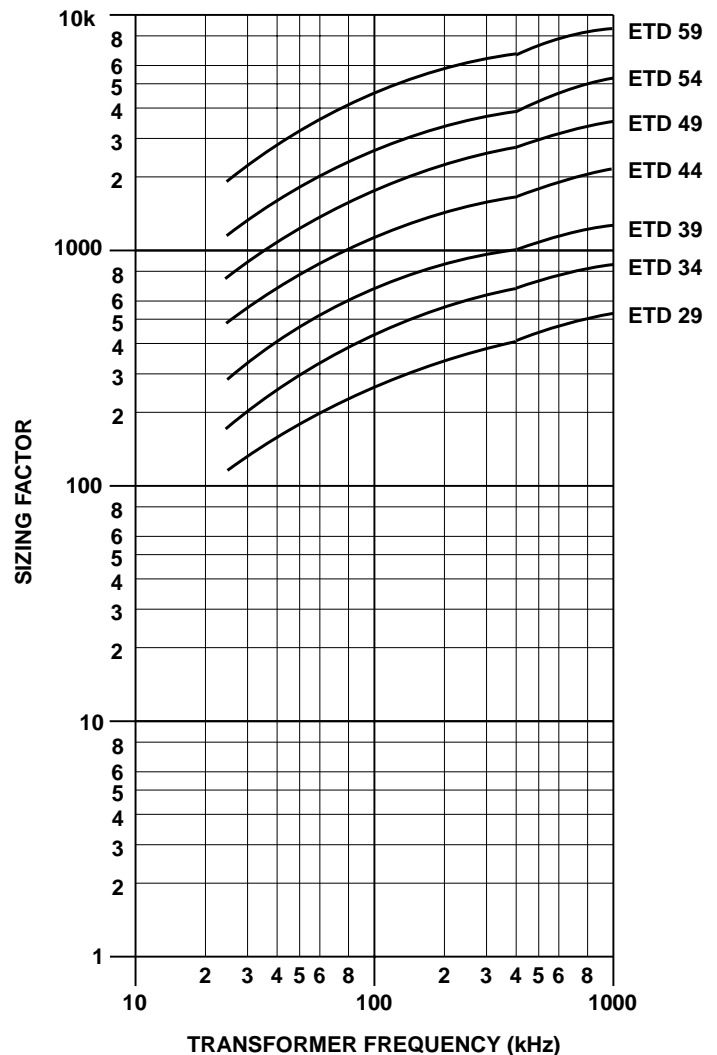


Figure 2:



Pin numbering is clockwise looking at bottom view of component

ETD STYLE



## ETD Power Switchmode Transformers

**Table 1**

| Precision Model # | Figure # |    | A MAX | B MAX | C MAX | D DIA MAX | E MIN | F NOM | G NOM | NUMBER OF PINS |
|-------------------|----------|----|-------|-------|-------|-----------|-------|-------|-------|----------------|
| ETDH29            | 1        | mm | 35.30 | 37.10 | 28.10 | 0.70      | 3.00  | 5.1   | 25.40 | 14             |
|                   |          | in | 1.390 | 1.461 | 1.106 | 0.028     | 0.118 | 0.200 | 1.000 |                |
| ETDH34            | 1        | mm | 39.70 | 42.80 | 34.10 | 1.00      | 4.00  | 5.10  | 25.40 | 14             |
|                   |          | in | 1.563 | 1.685 | 1.343 | 0.039     | 0.157 | 0.200 | 1.000 |                |
| ETDH39            | 1        | mm | 44.60 | 47.80 | 37.00 | 1.00      | 4.00  | 5.10  | 30.50 | 16             |
|                   |          | in | 1.756 | 1.882 | 1.457 | 0.040     | 0.157 | 0.200 | 1.200 |                |
| ETDH44            | 1        | mm | 49.70 | 52.40 | 39.40 | 1.00      | 4.00  | 5.10  | 35.60 | 18             |
|                   |          | in | 1.957 | 2.063 | 1.551 | 0.039     | 0.157 | 0.200 | 1.400 |                |
| ETDH49            | 1        | mm | 54.60 | 57.20 | 41.80 | 1.00      | 4.00  | 5.10  | 40.60 | 20             |
|                   |          | in | 2.150 | 2.252 | 1.646 | 0.039     | 0.157 | 0.200 | 1.600 |                |
| ETDH54            | 1        | mm | 61.50 | 61.40 | 46.40 | 1.00      | 4.50  | 5.10  | 45.70 | 22             |
|                   |          | in | 2.421 | 2.417 | 1.827 | 0.039     | 0.177 | 0.200 | 1.800 |                |
| ETDH59            | 1        | mm | 66.90 | 66.40 | 49.40 | 1.00      | 4.50  | 5.10  | 50.80 | 24             |
|                   |          | in | 2.634 | 2.614 | 1.945 | 0.039     | 0.177 | 0.200 | 2.000 |                |

**Table 2**

| Precision Model # | Figure # |    | A MAX | B MAX | C MAX | D DIA MAX | E MIN | F NOM | G NOM | NUMBER OF PINS |
|-------------------|----------|----|-------|-------|-------|-----------|-------|-------|-------|----------------|
| ETDV29            | 2        | mm | 35.20 | 24.10 | 43.30 | 1.00      | 4.50  | 5.10  | 20.30 | 12             |
|                   |          | in | 1.386 | 0.949 | 1.705 | 0.039     | 0.177 | 0.200 | 0.800 |                |
| ETDV34            | 2        | mm | 39.60 | 27.10 | 46.10 | 1.00      | 4.50  | 5.10  | 22.90 | 14             |
|                   |          | in | 1.559 | 1.067 | 1.815 | 0.039     | 0.177 | 0.200 | 0.900 |                |
| ETDV39            | 2        | mm | 43.50 | 29.10 | 51.00 | 1.00      | 4.50  | 5.10  | 25.40 | 16             |
|                   |          | in | 1.713 | 1.146 | 2.008 | 0.040     | 0.177 | 0.200 | 1.000 |                |
| ETDV44            | 2        | mm | 48.90 | 31.60 | 55.40 | 1.00      | 4.50  | 5.10  | 27.90 | 18             |
|                   |          | in | 1.925 | 1.244 | 2.181 | 0.039     | 0.177 | 0.200 | 1.100 |                |
| ETDV49            | 2        | mm | 53.60 | 34.10 | 59.50 | 1.00      | 4.50  | 5.10  | 30.50 | 20             |
|                   |          | in | 2.110 | 1.343 | 2.343 | 0.039     | 0.177 | 0.200 | 1.200 |                |

### Next step: Talk to us!

Now that you've selected a Precision product for your application, it's time to talk to the Precision team about fine-tuning our product to fit your application needs.

**Click here to choose a contact on the web or call 1-800-749-3677.**