

## SMT, CCFL Inverter Transformers

### Special Features

- Power rating: 6 watts
- Operating frequency: 60KHz  $\pm 25\%$
- Operating ambient temperature: 0 to  $+75^{\circ}\text{C}$
- Storage temperature:  $-40$  to  $+105^{\circ}\text{C}$
- Dielectric withstanding voltage: 1500Vrms
- Packaged: Bulk

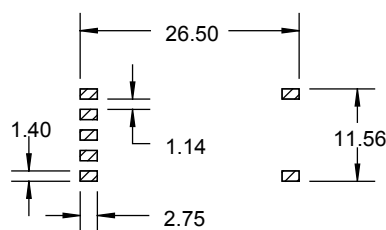
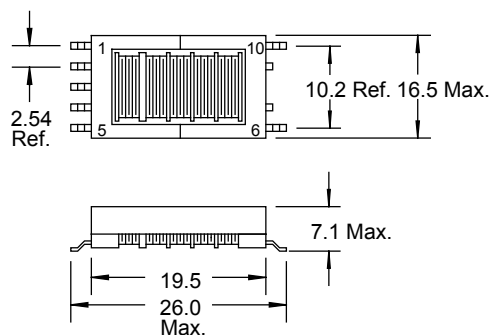
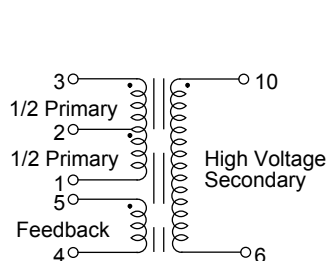
### Typical Applications

- LCD flat panel displays
- Notebook / palmtop computers
- Portable instruments
- Retail terminals

Consult engineering for inverter circuit related inductors selection.

| PM61300 Series |                                 |                         |                |                         |                |                          |             |
|----------------|---------------------------------|-------------------------|----------------|-------------------------|----------------|--------------------------|-------------|
| Part Number    | Primary                         |                         |                | Secondary               |                |                          | Turns Ratio |
|                | L (uH)<br>$\pm 10\%$<br>@ 10KHz | DCR<br>$\Omega$<br>Max. | Voltage<br>(V) | DCR<br>$\Omega$<br>Max. | Voltage<br>(V) | I <sub>rms</sub><br>(mA) |             |
| PM61300-1      | 44                              | 0.61                    | 25             | 132                     | 1300           | 70                       | 50          |
| PM61300-2      | 44                              | 0.82                    | 20             | 175                     | 1300           | 70                       | 67          |
| PM61300-3      | 27                              | 1.10                    | 15             | 175                     | 1300           | 70                       | 86          |
| PM61300-4      | 20                              | 1.88                    | 13             | 175                     | 1300           | 70                       | 100         |
| PM61300-5      | 20                              | 2.34                    | 10.5           | 290                     | 1300           | 70                       | 125         |

Also available as RoHS compliant.



Dimensions: mm

Pad Layout

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