

# MEL SERIES

# MINNTRONIX

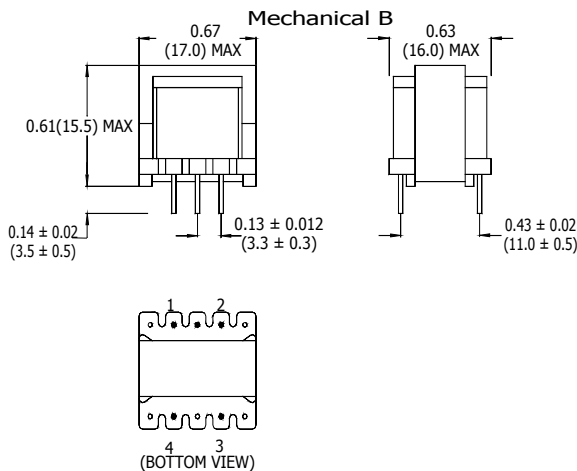
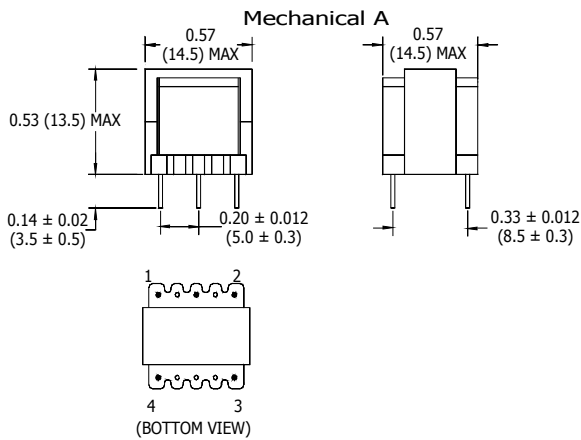
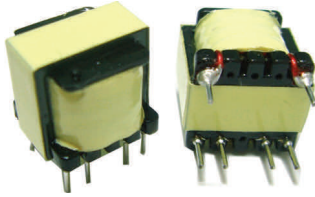
Wind Up the Best®



Phone: 1.605.884.0195  
 Fax: 1.605.884.0199  
 www.minntronix.com

## Driving Inverter Transformers

MEL SERIES



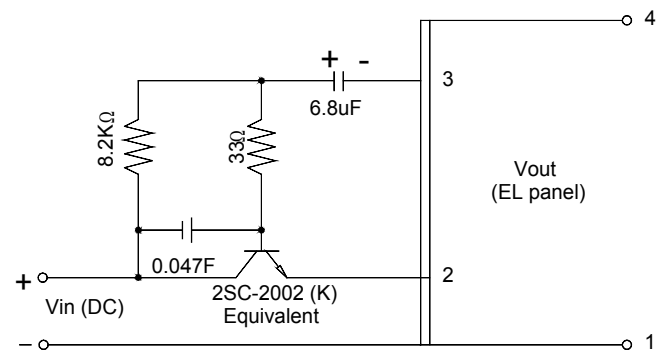
UNIT: Inch (mm)

### FEATURES

- Low inverter loss and high light output efficiency.
- Longer life time of NEC EL panel than that with AC power supply.
- Offer lowest product profile per Watt.
- Can be customized for your specific application.

### SPECIFICATIONS

- Storage temperature range: -20°C to +70°C.
- Operating ambient temperature range: -10°C to +55°C.
- Wider temperature ranges are available on a custom basis.
- Typical operating frequencies are between 400Hz to 1KHz.
- Infrared reflow temperature is +240°C for 30 seconds maximum.



### Electrical Specifications at 25°C

Part Number	Suitable Frequency	Input Voltage	Max. Open Voltage	Load Lamp	Max. Load Lamp	Mechanical
MEL-10001	200Hz~2kHz	3V~6V	135V	10~19cm <sup>2</sup>	22cm <sup>2</sup>	A
MEL-10002	200Hz~2kHz	3V~6V	140V	10~38cm <sup>2</sup>	45cm <sup>2</sup>	A
MEL-10003	200Hz~2kHz	3V~6V	150V	10~38cm <sup>2</sup>	45cm <sup>2</sup>	A
MEL-10004	200Hz~2kHz	3V~6V	155V	10~38cm <sup>2</sup>	45cm <sup>2</sup>	A
MEL-10005	200Hz~2kHz	3V~6V	135V	41~70cm <sup>2</sup>	80cm <sup>2</sup>	B
MEL-10006	200Hz~2kHz	3V~6V	160V	41~70cm <sup>2</sup>	80cm <sup>2</sup>	B