

## DA4 Series

4 Watts

**Total Power:** 4 Watts  
**Input Voltage:** 90 - 264 Vac  
**# of Outputs:** Single



### Special Features

- Switching wallmount power supply
- Available in multiple AC plug configurations
- CE Mark EMC & LVD
- Universal AC input
- Regulated output
- Overload and short circuit protection
- Constant voltage, constant current
- High MTBF
- Built in EMI filter (CISPR 22 Class B)
- LED power good indicator

### Safety

**UL** 60950 / 6500  
**CSA** 60950  
**TUV** 60950  
**NEMKO** 60950  
**CB** Certificate and report  
**CE** EMC & LVD  
**CCC** Mark

## Electrical Specifications

| Input                                       |                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------|
| Input range:                                | 90 - 264 Vac (wide range)                                                        |
| Frequency:                                  | 47 - 63 Hz                                                                       |
| EMI/RFI:                                    | FCC Part 15, Subpart B Class B & EN55022 (CISPR 22) Class B & EMC89/336/EEC      |
| Safety ground leakage current:              | 100 $\mu$ A @ 50/60 Hz, 230 Vac input                                            |
| Output                                      |                                                                                  |
| Voltage (Vo):                               | 5.5 V (5.0 V - 6.0 V)                                                            |
| Maximum Power (Po):                         | 4 W                                                                              |
| Hold-up time:                               | 15 ms. typical at full load @ 115 Vac                                            |
| Overvoltage protection:                     | 25% above nominal output maximum Latching type                                   |
| Overload protection:                        | Output short circuit protection auto recover<br>Overload protected > 800 mA      |
| Output cable/<br>connector barrel polarity: | DC cable with 2.5 mm x 5.5 mm barrel plug<br>DC plug center +V; DC plug outer -V |
| Reverse polarity:                           | DC plug center -V; DC plug outer +V<br>-0001 suffix                              |

## Environmental Specifications

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Operating temperature:          | 0° to 50 °C ambient                     |
| Storage temperature:            | -40 °C to +85 °C                        |
| Electromagnetic susceptibility: | Designed to meet EN55082-1              |
| Humidity:                       | Operating; non-condensing 20% to 90% RH |
| Vibration:                      | Per IEC 60068-2-6                       |



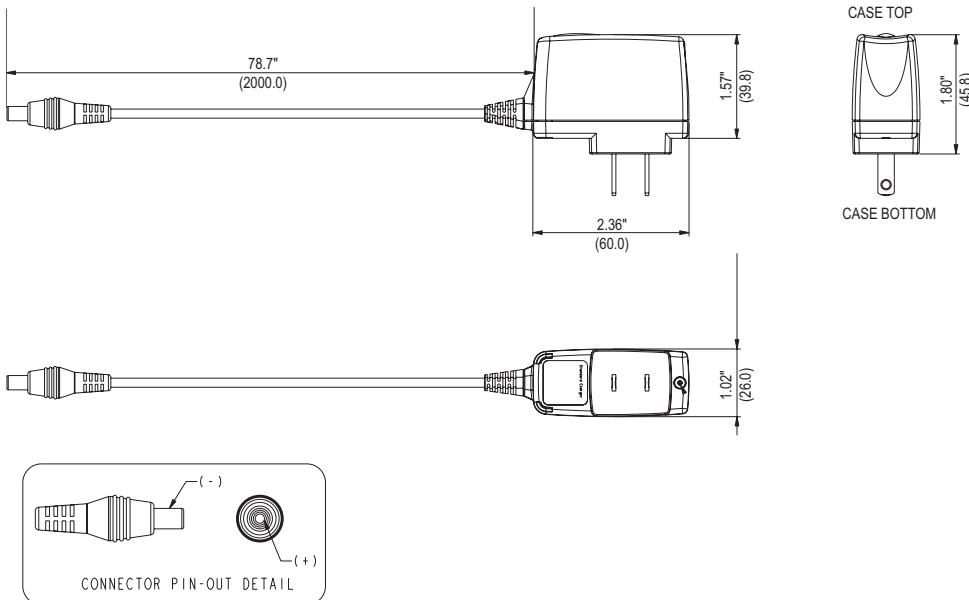
## Ordering Information

| Model Number | Maximum Power | Output Voltage | Minimum Load | Maximum Load | Peak Load | Ripple P/P (PARD) <sup>1</sup> |
|--------------|---------------|----------------|--------------|--------------|-----------|--------------------------------|
| DA4-050US    | 4 W           | 5.5 V          | 0            | 0.75 A       | 0.80 A    | 150 mV                         |
| DA4-050EU    | 4 W           | 5.5 V          | 0            | 0.75 A       | 0.80 A    | 150 mV                         |
| DA4-050CH    | 4 W           | 5.5 V          | 0            | 0.75 A       | 0.80 A    | 150 mV                         |

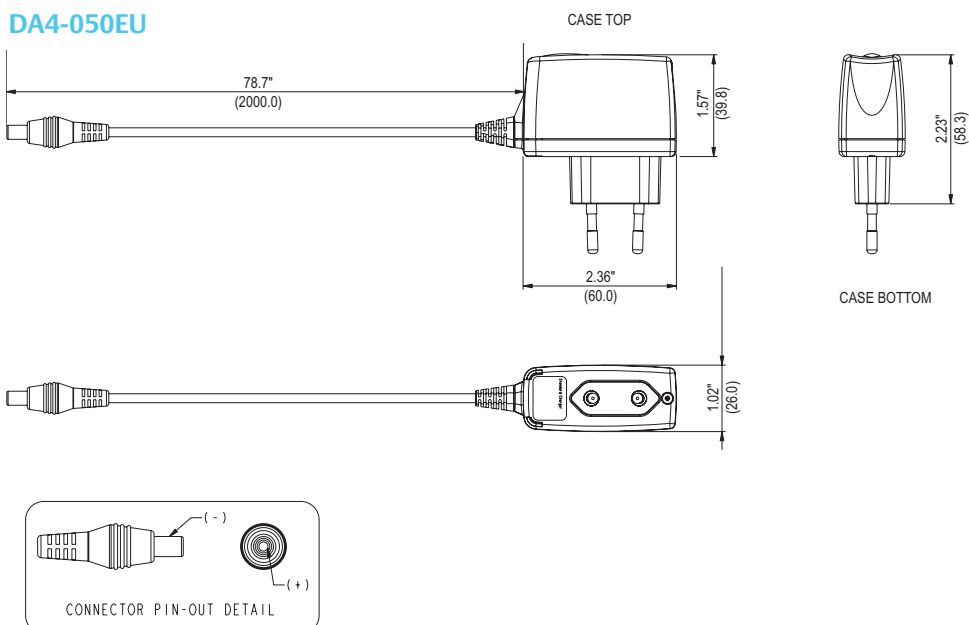
1. Peak-to-peak with 1 MHz bandwidth and 10  $\mu$ F (tantalum capacitor) in parallel with a 0.1  $\mu$ F capacitor at rated line voltage and load ranges.
2. Output should not be crounded for EMI purpose.
3. Add -0001 suffix to the part number for reverse polarity, for example DA4-050US-0001.

## Mechanical Drawing

### DA4-050US

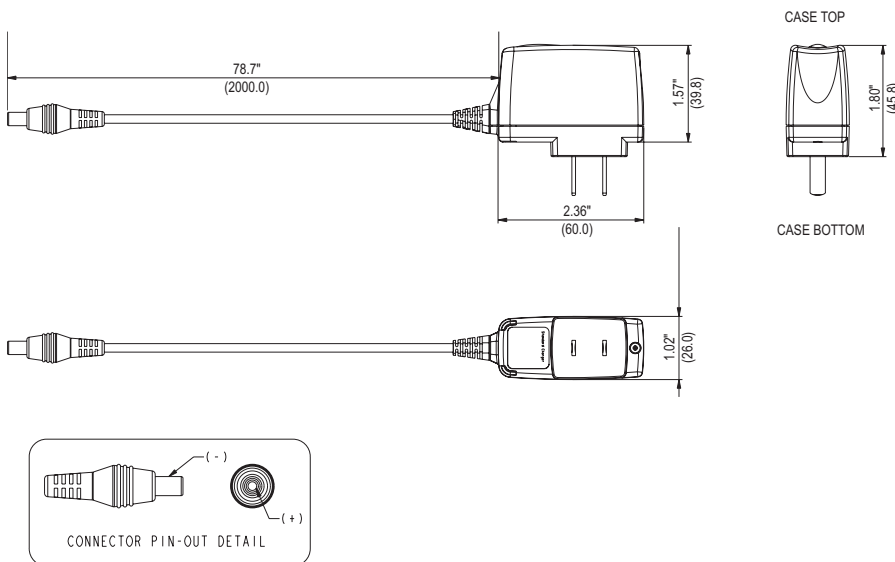


### DA4-050EU



## Mechanical Drawing

### DA4-050CH



#### Notes:

1. Specifications subject to change without notice.
2. all dimensions in inches (mm), tolerance is  $\pm 0.02$ "
3. Warranty: 2 year
4. Weight: 0.181 lb. / 0.082 kg.

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