

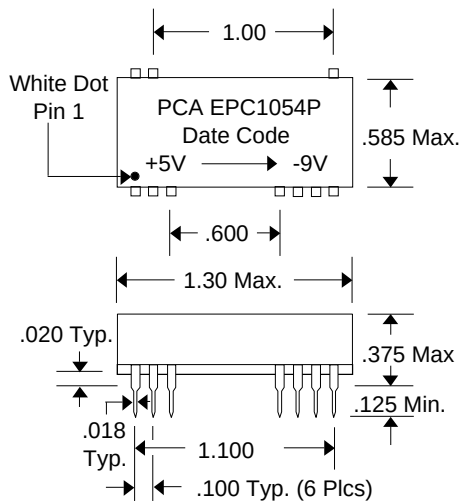
# Ethernet DC/DC Converter EPC1054P & EPC1054H

- Features**
- 70 % Typical efficiency at full load @ nominal input voltage
  - Regulated Output
  - Enable Low
  - Input / Output Isolation
  - Input filter to reduce input ripple current
  - Designed for low common mode noise

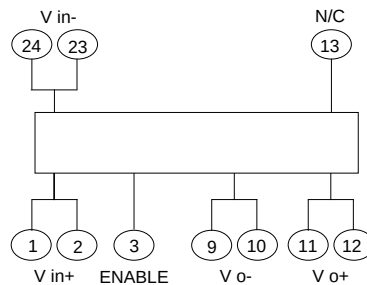
## Electrical Specifications

| PCA P/N  | Standard Package | Optional Packages      | Input Voltage V | Output Voltage V | Output Current mA Max. | Output Ripple & Noise @ 20 MHz BW mV p-p | Isolation Vrms |
|----------|------------------|------------------------|-----------------|------------------|------------------------|------------------------------------------|----------------|
| EPC1054P | E8               | E6, E6-G*              | $5.0 \pm 10\%$  | $9.0 \pm 5\%$    | 225 Max.               | 100 Max.                                 | 500            |
| EPC1054H | E8               | E6, E7, E6-G*<br>E7-G* | $5.0 \pm 10\%$  | $9.0 \pm 5\%$    | 225 Max.               | 100 Max.                                 | 2000           |

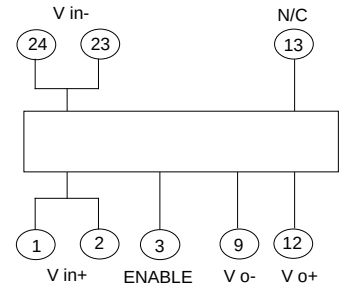
### PACKAGE E8



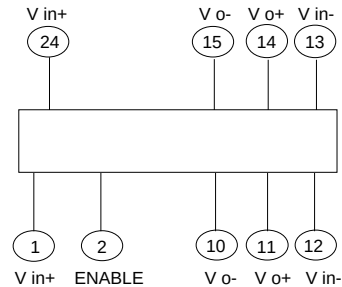
### Pin Connections for E8



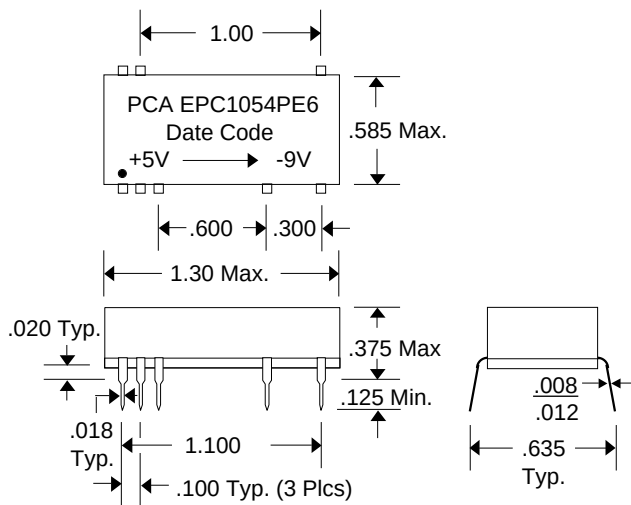
### Pin Connections for E6



### Pin Connections for E7



### PACKAGE E6



### PACKAGE E7

