# Ethernet DC/DC Converter EPC1055H & EPC1055P

**Features**

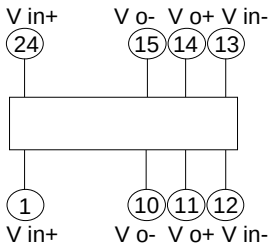
- 70 % Typical efficiency at full load
- Designed for low common mode noise
- Regulated
- Input / Output Isolation
- Input filter to reduce input ripple current (Less than 10 mA p-p typical)

## Electrical Specifications

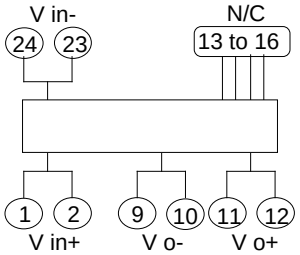
*Note : Package with G = Surface Mount Device, †† : E1,E1-G,E4,E4-G,E11,Q,Q1, N4-G

| PCA P/N | STD PKG | Optional Packages | Input Voltage V | Output Voltage V | Output Current mA Max. | Output Ripple & Noise @ 20 MHz BW mV p-p | Isolation Vrms |
|---|---|---|---|---|---|---|---|
| EPC1055P | E | E-G*, F2,N1,†† | 5 ± 10% | 15 ± 5% | 135 Max. | 100 Max. | 500 |
| EPC1055H | E1 | E1-G*,F2,N1,Q1 | 5 ± 10% | 15 ± 5% | 135 Max. | 100 Max. | 2000 |

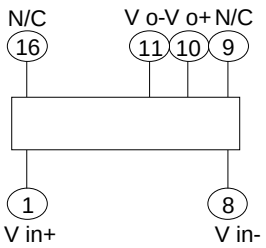
**Pin Connections for E****



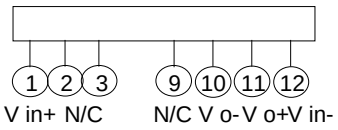

**Pin Connections for E1**



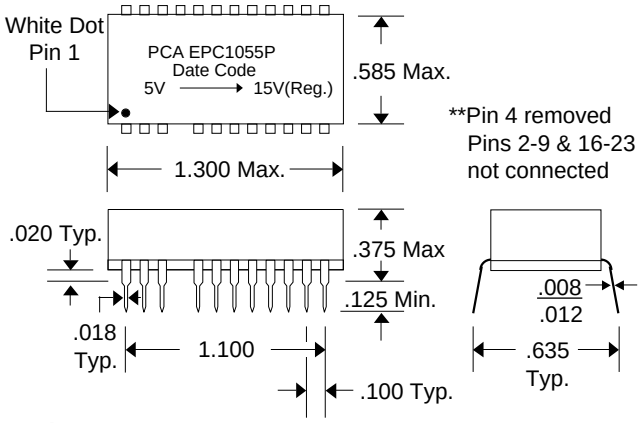

**Pin Connections for N1**



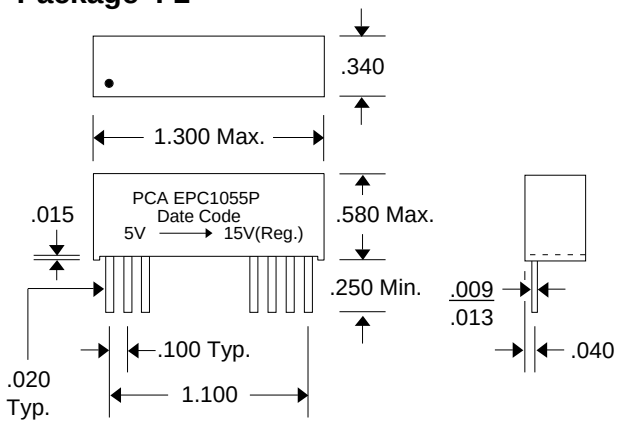

**Pin Connections for F2**



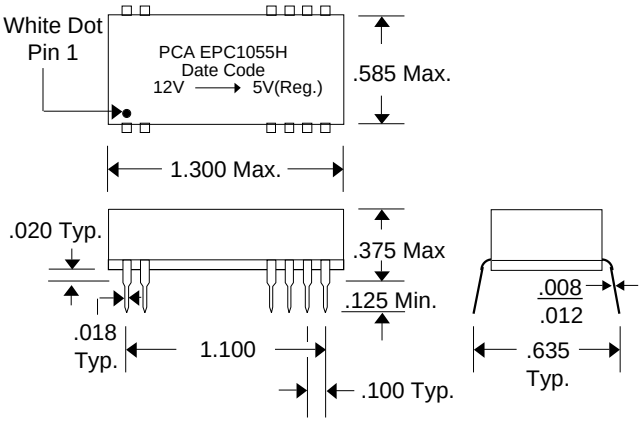

**Package E**



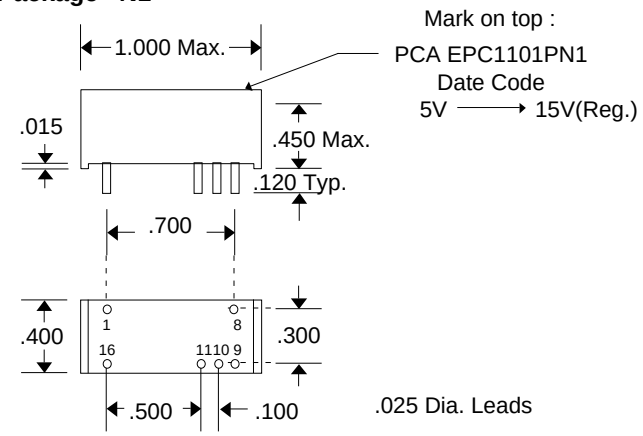

**Package F2**




**Package E1**




**Package N1**






Unless Otherwise Noted Dimensions in Inches
EPC1055 12/92 Tolerances:
Fractional = ± 1/32
.XX = ± .030 .XXX = ± .010


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