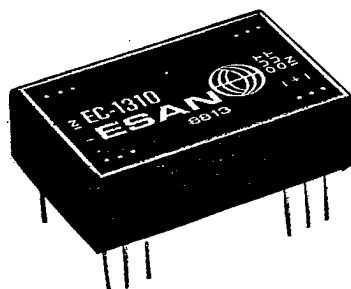


## DC/DC Converter

## EC Series



## Features:

- PCB mountable
- 24 Pin compatible
- Un-regulated & regulated output types
- High efficiency
- Isolation voltage up to 3750 V<sub>AC</sub>
- Lan ethernet & cheapernet compatible
- Over load protection

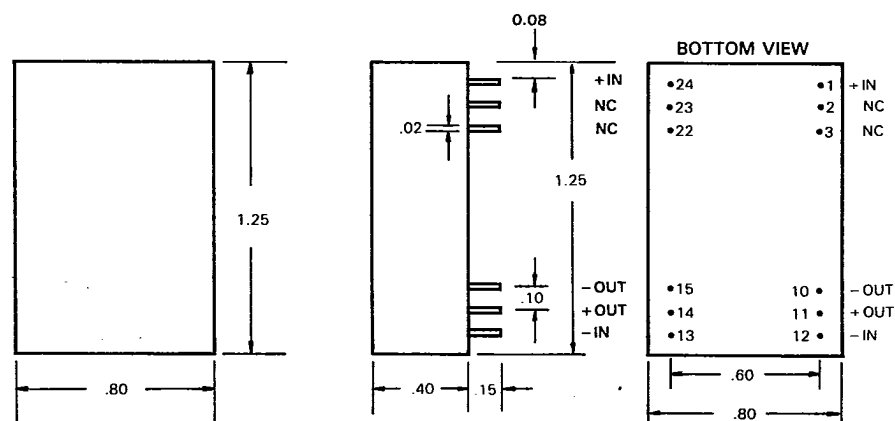
## General Specifications:

- Efficiency (at full load) ..75% min (For Un-regulated)  
50%typ (for regulated type)
- Isolation Voltage.....500 V<sub>DC</sub>
- Isolation Capacitance.....40 pF (max)
- Operating Frequency.....20 KHz min
- Operating Temp. Range.....0°C ~ 70°C
- Storage Temp. Range.....0°C ~ 70°C

## Electrical Specifications:

- Output Voltage Accuracy.....± 5%
- Load Regulation.....± 1.0%
- Line Regulation.....± 0.5%
- Output Ripple and Noise.....100mV P-P. max
- Short Circuit Protection.....Short Term

PART NO.	INPUT VOLTAGE (V <sub>DC</sub> )	OUTPUT VOLTAGE (V <sub>DC</sub> )	OUTPUT CURRENT (mA)	INPUT CURRENT FULL LOAD (mA)
EC-1110	5	5	100	200
EC-1200	5	9	200	480
EC-1210	5	9	200	720
EC-1310	5	12	200	960
EC-1410	5	15	60	360
EC-3110	12	5	60	50
EC-3200	12	9	80	80
EC-3210	12	9	80	120
EC-3310	12	12	200	400
EC-3410	12	15	100	250



Unit: Inch