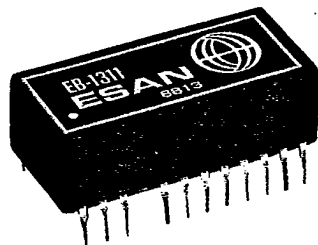


DC/DC Converter

EB Series



Features:

- 24 Pin IC package
- PCB mountable
- Economy non-regulated & high stability regulated types available
- Thermally conductive encapsulant
- 100% BURN-IN and Triple Tested

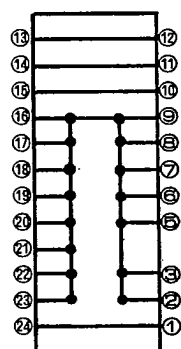
General Specifications:

- Efficiency (at full load).....45-55%
- Isolation Voltage.....500 V_{DC}
- Isolation Capacitance.....40 pF (max)
- Operating Frequency.....20 KHz min
- Operating Temp. Range.....- 25°C ~ + 70°C
- Storage Temp. Range.....- 55°C ~ + 125°C

Electrical Specifications:

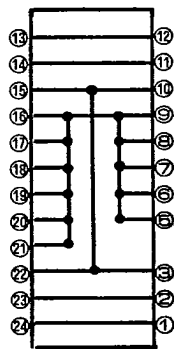
- Input Voltage Range.4.75 ~ 5.25v(at 5v input units)
10.8 ~ 13.2v(at 12v input units)
- Output Voltage Accuracy.....+ 10%
- Load Regulation.....± 1%
- Line Regulation.....± 1%
- Output Ripple and Noise.....50mV rms
- Short Circuit Protection.....Short Term

PART NO.	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT MAX
EB-1200	5	9	250mA
EB-3200	12	9	250mA
EB-1110	5	5	100mA
EB-3110	12	5	100mA
EB-1111	5	± 5	80mA
EB-1310	5	12	80mA
EB-1311	5	± 12	± 40mA
EB-1410	5	15	65mA
EB-1210	5	9	90mA
EB-3210	12	9	90mA
EB-1411	5	± 15	± 33mA
EB-3411	12	± 15	± 33mA
EB-3310	12	12	80mA
EB-3311	12	± 12	± 40mA



TOP VIEW OF SINGLE OUT PIN:

- ① +Vin
- ② -Vin
- ③ +Vout
- ④ -Vout



TOP VIEW OF DUAL OUT PIN:

- ① +Vin
- ② -Vin
- ③ & ④ Vout common
- ⑤ +Vout
- ⑥ -Vout

