

ECONOLINE - DC/DC-Converter

REC1.5-DR/X1 Series, 1.5W, DIP24 Pin Miniature, Regulated (Dual Output)

RECOM

Features

- DIP24 Miniature Package
- 0.5kVDC Isolation
- Efficiency at Full Load 50% min.
- Operating Temperature Range
-25°C to +70°C
- UL 94V-0 Package Material
- Industrie Standard Pinout

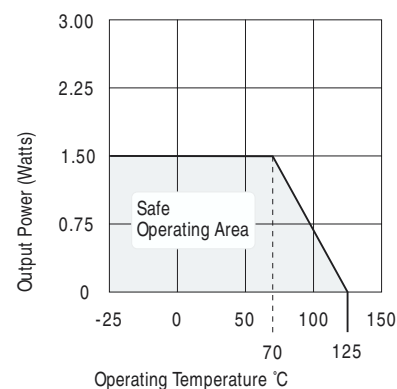


Selection Guide

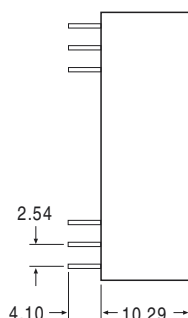
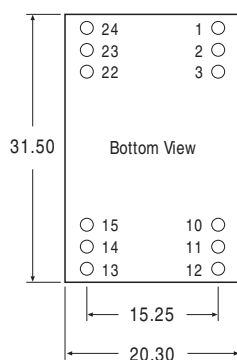
Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
REC1.5-0512DR/X1	5	± 12	± 63

Specifications (Core Operating Area) and Operating Temperature / Derating-Graph

Input Voltage Range	5VDC ± 10%
Output Voltage (@ $V_{in} = 5VDC$, $I_o = \pm 63mA$)	± 12VDC ± 5%
Output Current	± 63mA max.
Efficiency at Full Load	50% min.
Operating Frequency	20kHz min.
Output Ripple and Noise (@ 20MHz BW)	± 100mVp-p max.
Line Voltage Regulation	± 0.5%
Load Voltage Regulation	± 0.5%
Isolation Voltage	500 VDC min.
Short Circuit Protection	1 sec.
Operating Temperature Range	-25°C to +70°C (see Graph)
Storage Temperature Range	-55°C to +125°C



Package Style and Pinning (mm)



Pin Connections

Pin #	Function
1 & 24	+ Vin
2 & 23	- Vout
3 & 22	Com
10 & 15	Com
11 & 14	+ Vout
12 & 13	- Vin

XX.X ± 0.5 mm
XX.XX ± 0.25 mm