

# ECONOLINE - DC/DC-Converter

REC2.2-SR und DR Series, 2.2 Watt, DIP24, Regulated (Single & Dual Output)

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## Features

- 500VDC Isolation
- High Efficiency
- Up to 2.2W Regulated Output Power
- Dual In-Line Package
- UL94V-0 Package Material

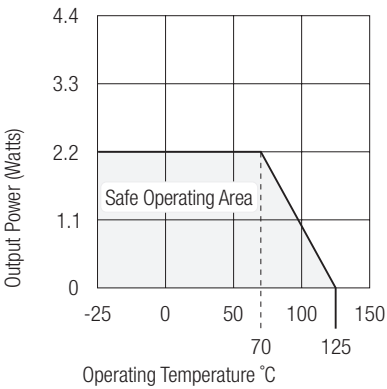


## Selection Guide

Part Number DIP24	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
REC2.2-XX05SR	5, 12, 24	5	400	60
REC2.2-XX12SR	5, 12, 24	12	180	62
REC2.2-XX15SR	5, 12, 24	15	150	66
REC2.2-XX24SR	5, 12, 24	24	92	66
REC2.2-XX05DR	5, 12, 24	±5	±200	52
REC2.2-XX12DR	5, 12, 24	±12	±90	60
REC2.2-XX15DR	5, 12, 24	±15	±75	62
REC2.2-XX24DR	5, 12, 24	±24	±46	66

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

Input Voltage	±10%
Output Accuracy	±5%
Line Voltage Regulation	±0.5%
Output Power	2.2 Watt max.
Load Voltage Regulation	±0.5%
Ripple and Noise (20MHz limited)	100mVp-p max.
Efficiency at Full Load	50% min.
Isolation Voltage	500VDC min.
Isolation Resistance (Viso = 500VDC)	10 GΩ min.
Isolation Capacitance	50pF min./1.2nF max.
Short Circuit Protection	Short Term
Switching Frequency at Full Load	35kHz min. / 85kHz max.
Operating Temperature	-25°C to +70°C (see Graph)
Storage Temperature	-55°C to +125°C
Package Weight	Single type 12.2g Dual type 12.3g



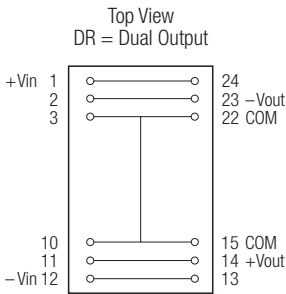
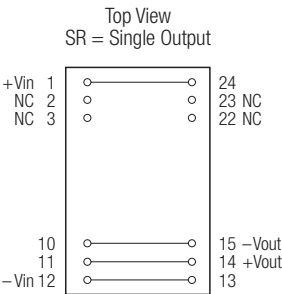
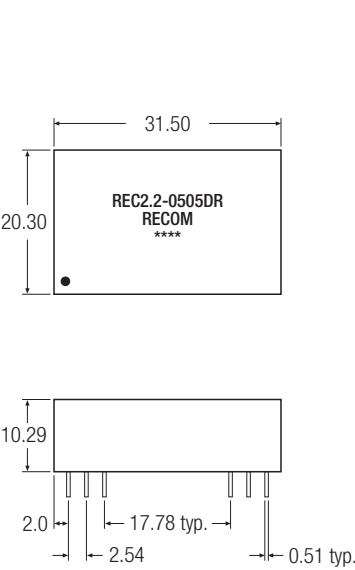
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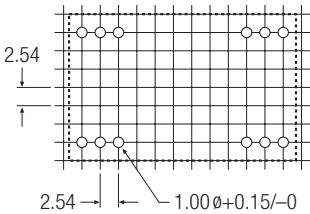
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## Package Style and Pinning (mm)

### 24 PIN DIP Package



### Recommended Footprint Details



XX.X  $\pm 0.5$  mm  
XX.XX  $\pm 0.25$  mm