

ECONOLINE - DC/DC-Converter

REC2.2-DRI Series, 2.2 Watt, DIP24, Regulated, Isolated Outputs (Dual Output)

RECOM

Features

- 500VDC Isolation
- Dual In-Line Package
- Up to 2.2W Regulated Output Power
- 100% Burned In
- Isolated Outputs
- UL94V-0 Package Material
- Regulated

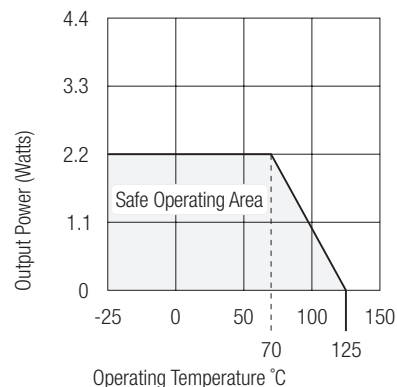


Selection Guide

| Part Number DIP24 | Input Voltage (VDC) | Output Voltage (V1VDC) | Output Voltage (V2VDC) | Output Current (mA) | Efficiency (%) |
|----------------------|------------------------|---------------------------|---------------------------|------------------------|-------------------|
| REC2.2-XX05DRI | 5, 12, 24 | 5 | 5 | 200/200 | 56 |
| REC2.2-XX12DRI | 5, 12, 24 | 12 | 12 | 90/90 | 60 |
| REC2.2-XX15DRI | 5, 12, 24 | 15 | 15 | 75/75 | 62 |
| REC2.2-XX24DRI | 5, 12, 24 | 24 | 24 | 46/46 | 62 |

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 (10% - 100% Full Load) | ±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 | 100pF min./190pF 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 | 12.3g |



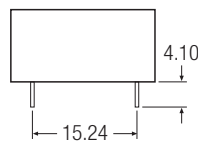
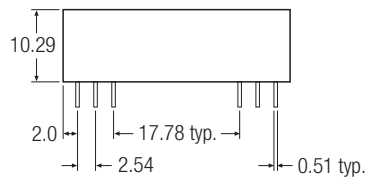
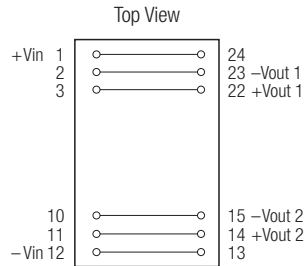
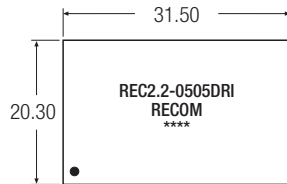
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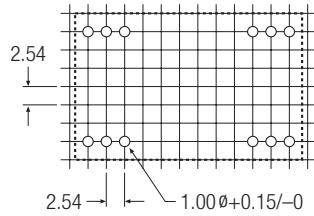
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Package Style and Pinning (mm)

24 PIN DIP Package



Recommended Footprint Details



XX.X ± 0.5 mm
XX.XX ± 0.25 mm