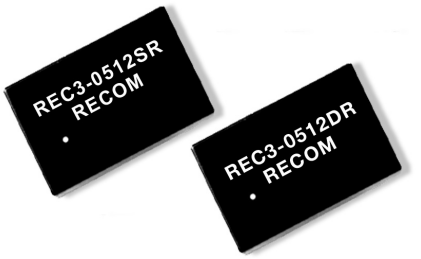
ECONOLINE - DC/DC-Converter

REC3-SR und DR Series, 3 Watt, DIP24, Regulated (Single & Dual Output)

RECOM

Features

- 500VDC Isolation
- Cost Effective
- UL94V-0 Package Material
- Up to 3W Regulated Output Power
- Dual In-Line Package
- 100% Burned In

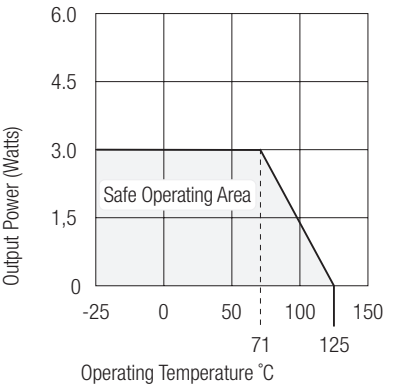


Selection Guide

Part Number DIP24	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
REC3-XX05SR	5, 12, 24	5	600	52
REC3-XX12SR	5, 12, 24	12	250	55
REC3-XX15SR	5, 12, 24	15	200	62
REC3-XX24SR	5, 12, 24	24	125	62
REC3-XX05DR	5, 12, 24	±5	±300	52
REC3-XX12DR	5, 12, 24	±12	±125	55
REC3-XX15DR	5, 12, 24	±15	±100	62
REC3-XX24DR	5, 12, 24	±24	±63	62

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

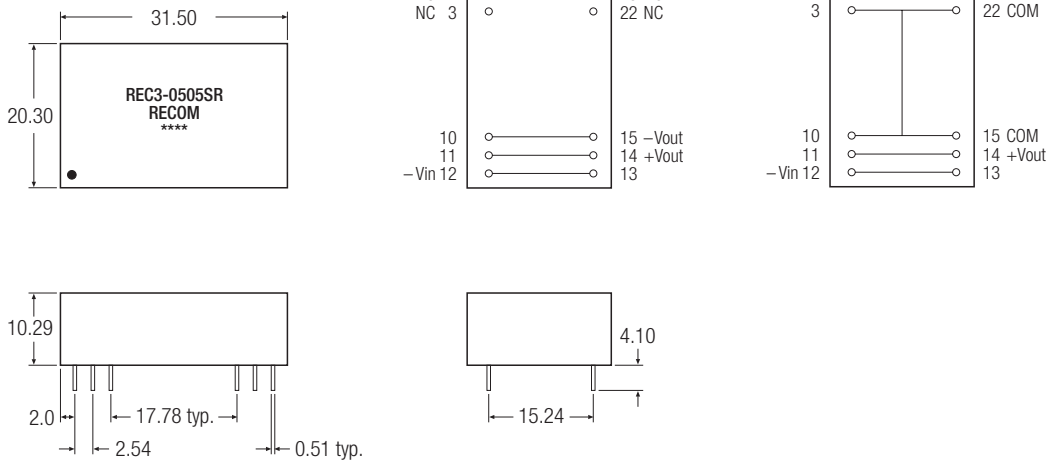
Input Voltage		±10%
Output Accuracy		±5%
Line Voltage Regulation		±0.5%
Output Power		3Watt max.
Load Voltage Regulation		±0.5%
Ripple and Noise (20MHz limited)		100mVp-p max.
Efficiency at Full Load		50% min.
Isolation Voltage		500VDC min.
Isolation Resistance (Viso = 500VDC)		10 GΩ min.
Isolation Capacitance		50pF min./2nF max.
Short Circuit Protection		Continuous
Switching Frequency at Full Load		31kHz min. / 85kHz max.
Operating Temperature		-25°C to +71°C (see Graph)
Storage Temperature		-55°C to +125°C
Package Weight	Single	12.2g
	Dual	12.3g



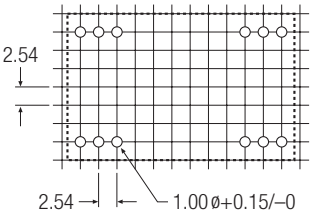
Package Style and Pinning (mm)

24 PIN DIP Package

3rd angle projection



Recommended Footprint Details



XX.X ± 0.5 mm
XX.XX ± 0.25 mm