

# Recom REC3-SR/DR Series

## 3 W DC/DC Converter, DIP24, Regulated (Single & Dual Output)

CoolPower  
Solutions

### Features

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

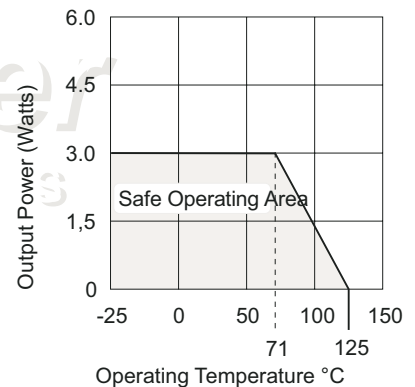
### Selection Guide

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 (10% - 100% Full Load)	±0.5%
Output Power	3Watt max.
Load Voltage Regulation (10% - 100% Full Load)	±0.5%
Ripple and Noise (20MHz limited)	50mVp-p max.
Efficiency at Full Load	52% min.
Isolation Voltage	500VDC min.
Short Circuit Protection	Continuous
Switching Frequency at Full Load	41kHz min. / 60kHz max.
Operating Temperature	-25°C to +71°C (see Graph)
Storage Temperature	-55°C to +125°C



### Package Style and Pinning (mm)

