

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

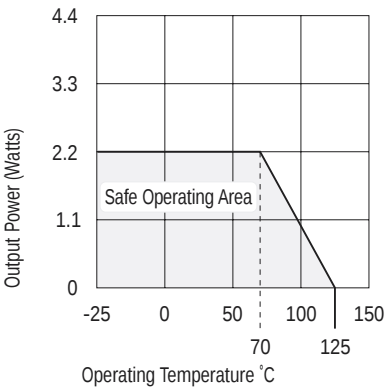


Features

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

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	2.2 Watt 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	Short Term
Switching Frequency at Full Load	35kHz min. / 61kHz max.
Operating Temperature	-25°C to +70°C (see Graph)
Storage Temperature	-55°C to +125°C



Package Style and Pinning (mm)

31.75 max.

20.32 max.

REC2.2-0505DR
RECOM

10.16 max.

2.0

17.78 typ.

2.54

0.51 typ.

Top View
SR = Single Output

+Vin 1

NC 2

NC 3

10

11

-Vin 12

24

23 NC

22 NC

15 -Vout

14 +Vout

13

Top View
DR = Dual Output

+Vin 1

2

3

10

11

-Vin 12

24

23 -Vout

22 COM

15 COM

14 +Vout

13

3rd angle projection

XX.X ± 0.5 mm

XX.XX ± 0.25 mm

EC 44

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