

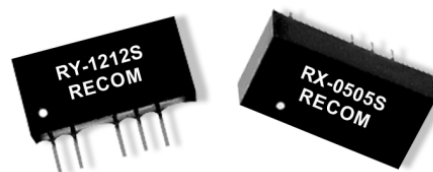
ECONOLINE - DC/DC-Converter

RX and RY Series, 1 Watt, SIP7/DIP14, Regulated (Single Output)

RECOM

Features

- Output Regulation <1.5%
- Controllable Output
- 1kVDC Isolation
- SIP & DIP Package Styles
- UL 94V-0 Package Material
- No Heatsink Required
- Toroidal Magnetics
- Fully Encapsulated

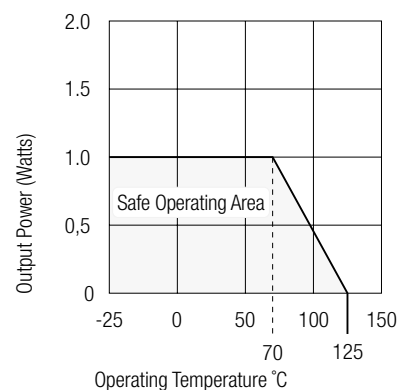


Selection Guide

Part Number DIP14	Part Number SIP7	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
RX-XX05S	RY-XX05S	5, 9, 12, 15, 24	5 V	180	50
RX-XX09S	RY-XX09S	5, 9, 12, 15, 24	9 V	111	56
RX-XX12S	RY-XX12S	5, 9, 12, 15, 24	12 V	84	60
RX-XX15S	RY-XX15S	5, 9, 12, 15, 24	15 V	66	62

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

Input Voltage	±10%
Input Filter	Capacitor Type
Output Voltage Accuracy	±5%
Line Voltage Regulation	±1%
Load Voltage Regulation (10% to 100% full load)	±1.5%
Ripple and Noise (20MHz limited)	100mVss max.
Efficiency at Full Load	50% typ.
Isolation Voltage	1.000VDC min.
Short Circuit Protection	1 Second
Max. Capacitive Load	10µF (47µF with output induction to reduce ripple)
Switching Frequency at Full Load	30kHz min. / 88kHz max.
Operating Temperature	-25°C to +70°C (see Graph)
Storage Temperature	-55°C to +125°C



Package Style and Pinning (mm)

