

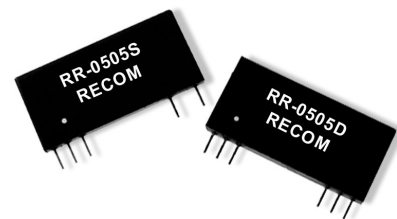
ECONOLINE - DC/DC-Converter

RR-S/D Series, 1.8 Watt, SIP12, Regulated (Single & Dual Output)

RECOM

Selection Guide

Part Number SIP12	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
RR-XX05S	5, 12	5	360	55
RR-XX09S	5, 12	9	200	58
RR-XX12S	5, 12	12	150	62
RR-XX15S	5, 12	15	120	65
RR-XX24S	5, 12	24	75	70
RR-XX05D	5, 12	±5	±130	55
RR-XX09D	5, 12	±9	±100	58
RR-XX12D	5, 12	±12	±75	62
RR-XX15D	5, 12	±15	±60	65
RR-XX24D	5, 12	±24	±38	70

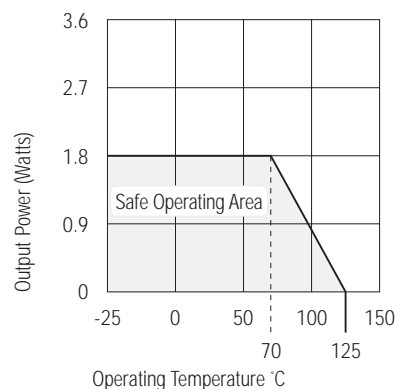


Features

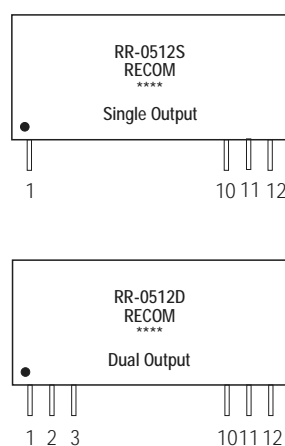
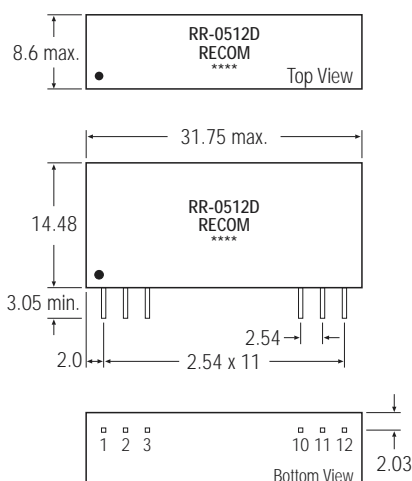
- 0.5% Regulation
- Miniature SIP Package
- 5V, 9V, 12V and 15V Output
- UL 94V-0 Package Material

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

Input Voltage	±10%
Input Filter	Capacitor Type
Output Voltage Accuracy	±5%
Line Voltage Regulation	±0.5%
Load Voltage Regulation (10% to 100% full load)	±0.5%
Ripple and Noise (20MHz limited)	50mVp-p max.
Efficiency at Full Load	50% min.
Isolation Voltage	500VDC min.
Short Circuit Protection	Short Therm
Switching Frequency at Full Load	38kHz min. / 62kHz max.
Operating Temperature	-25°C to +70°C (see Graph)
Storage Temperature	-55°C to +125°C



Package Style and Pinning (mm)



Pin Connections

Pin #	Single	Dual
1	+Vin	+Vin
2	No Pin	-Vout
3	No Pin	Com
10	-Vout	Com
11	+Vout	+Vout
12	-Vin	-Vin

XX.X ± 0.5 mm
 XX.XX ± 0.25 mm