

# ECONOLINE - DC/DC-Converter

RD and RC Series, 2 Watt, SIP7/DIP14 (Dual Output)

RECOM

## Features

- Dual Output from a Single Input Rail
- Power Sharing on Output
- 1kVDC & 2kVDC Isolation
- Custom Solutions Available

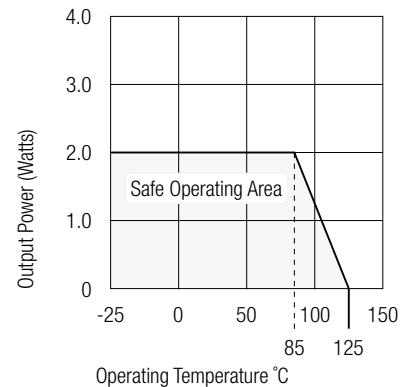


## Selection Guide

Part Number	Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
SIP7	DIP14	2kV			
RD-XX05D	RC-XX05D (H)	5, 9, 12, 15, 24	±5	±200	70
RD-XX09D	RC-XX09D (H)	5, 9, 12, 15, 24	±9	±111	75
RD-XX12D	RC-XX12D (H)	5, 9, 12, 15, 24	±12	±84	78
RD-XX15D	RC-XX15D (H)	5, 9, 12, 15, 24	±15	±66	80

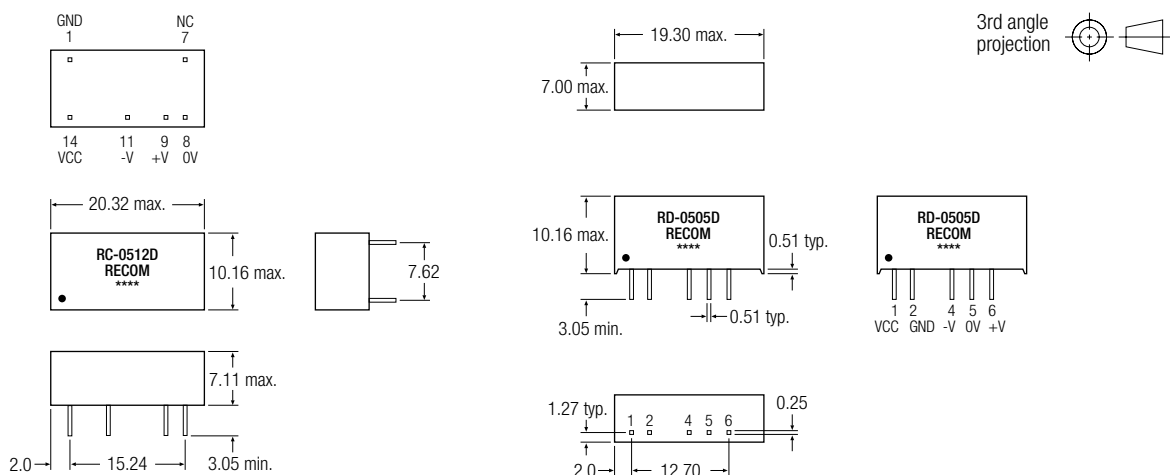
## Specifications (Core Operating Area) and Operating Temperature / Derating-Graph

Input Voltage	±10%
Input Filter	Capacitor Type
Output Voltage Accuracy	±5%
Line Voltage Regulation	1,2% / 1% V Input
Load Voltage Regulation (10% to 100% full load)	±10%
Ripple and Noise (20MHz limited)	150mVss max.
Efficiency at Full Load	70% typ.
Isolation Voltage	1.000VDC min. (also available with 2.000VDC, Suffix „H“)
Short Circuit Protection	1 Second
Max. Capacitive Load	10µF (47µF with output induction to reduce ripple)
Switching Frequency at Full Load	34kHz min. / 52kHz max.
Operating Temperature*	-25°C to +85°C (see Graph)
Storage Temperature	-55°C to +125°C



\* (-40°C to +85°C on request)

## Package Style and Pinning (mm)



XX.X ± 0.5 mm  
XX.XX ± 0.25 mm