

# Recom RKZ-Series

## 2 W DC/DC Converter, SIP7, 3kV/4kV (Single & Dual Output)

CoolPower  
Solutions

### Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
RKZ-XX3.3S (H)	3.3, 5, 12, 24	3.3	606	70
RKZ-XX05S (H)	3.3, 5, 12, 24	5	400	70
RKZ-XX12S (H)	3.3, 5, 12, 24	12	168	78
RKZ-XX15S (H)	3.3, 5, 12, 24	15	132	80
RKZ-XX24S (H)	3.3, 5, 12, 24	24	83	80
RKZ-XX3.3D (H)	3.3, 5, 12, 24	±3.3	±303	70
RKZ-XX05D (H)	3.3, 5, 12, 24	±5	±200	70
RKZ-XX12D (H)	3.3, 5, 12, 24	±12	±84	78
RKZ-XX15D (H)	3.3, 5, 12, 24	±15	±66	80
RKZ-XX24D (H)	3.3, 5, 12, 24	±24	±42	80

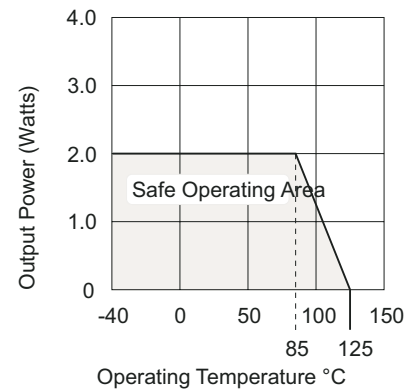


### Features

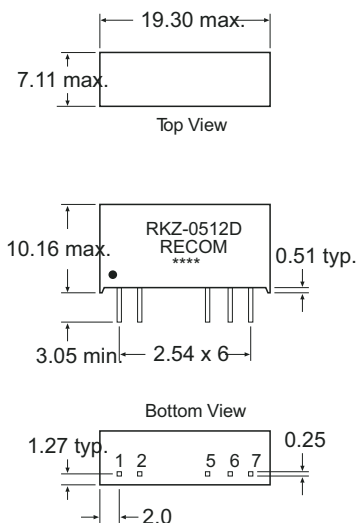
- Cost Effective
- Power Sharing on Output
- Custom Solutions Available
- 3kVDC & 4kVDC
- UL94V-0 Package Material

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

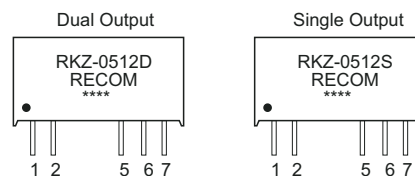
Input Voltage	±10%
Input Filter	Capacitor Type
Output Voltage Accuracy	±5%
Line Voltage Regulation	1,2%/1% V Input
Load Voltage Regulation (10% to 100% full load)	±10%
Ripple and Noise (20MHz limited)	150mVp-p max.
Efficiency at Full Load	70% min.
Isolation Voltage	3.000VDC min. (also available with 4.000VDC, Suffix 'H')
Short Circuit Protection	1 Second
Switching Frequency at Full Load	39kHz min. / 100kHz max.
Operating Temperature	-40°C to +85°C (see Graph)
Storage Temperature	-55°C to +125°C



### Package Style and Pinning (mm)



3rd angle projection



#### Pin Connections

Pin #	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
5	-Vout	-Vout
6	NC	Com
17	+Vout	+Vout

NC = No Connection

XX.X ± 0.5 mm