

ECONOLINE - DC/DC-Converter

REZ Series, 2 Watt, SIP7 (Single Output)

RECOM

Features

- Cost Effective
- 1kVDC & 2kVDC Isolation
- No Extern. Components Required
- Custom Solutions Available
- UL94V-0 Package Material
- Efficiency to 80%

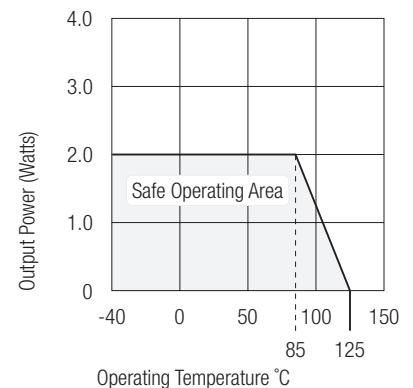


Selection Guide

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
REZ-XX3.3S (H)	5, 9, 12, 15, 24	3.3	606	70
REZ-XX05S (H)	5, 9, 12, 15, 24	5	400	75
REZ-XX09S (H)	5, 9, 12, 15, 24	9	222	75
REZ-XX12S (H)	5, 9, 12, 15, 24	12	168	78
REZ-XX15S (H)	5, 9, 12, 15, 24	15	132	80
REZ-XX24S (H)	5, 9, 12, 15, 24	24	83	80

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

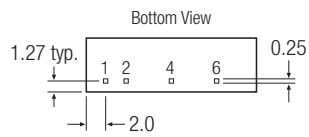
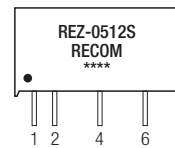
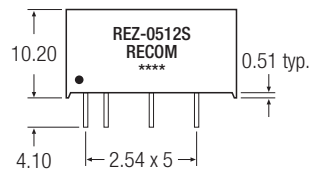
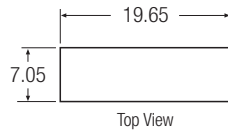
Input Voltage	±10%	
Input Filter	Capacitor Type	
Output Voltage Accuracy	±5%	
Line Voltage Regulation	1,2%/1% V Input	
Load Voltage Regulation (10% to 100% full load)	3.3V output type	20% max.
	5V output type	15% max.
	9V, 12V, 15V, 24V output types	10% max.
Ripple and Noise (20MHz limited)	150mVp-p max.	
Efficiency at Full Load	70% min.	
Isolation Voltage	1.000VDC min. (also available with 2.000VDC, Suffix „H“)	
Isolation Resistance (Viso = 500VDC)	10 GΩ min.	
Isolation Capacitance	40pF min./115pF max.	
Short Circuit Protection	1 Second	
Switching Frequency at Full Load	35kHz min. / 85kHz max.	
Operating Temperature	-40°C to +85°C (see Graph)	
Storage Temperature	-55°C to +125°C	
Package Weight	2.7g	



Package Style and Pinning (mm)

7 PIN SIP Package

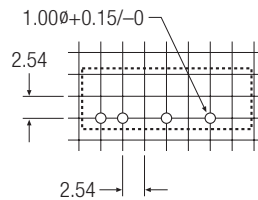
3rd angle projection 



Pin Connections

Pin #	Single
1	+Vin
2	-Vin
4	-Vout
6	+Vout

Recommended Footprint Details



XX.X ± 0.5 mm
XX.XX ± 0.25 mm