

Recom RW-series

3W DC/DC Converters, DIP24, Regulated, 2:1

CoolPower
Solutions

Selection Guide

Part Number DIP24 Miniature	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)
RW-0505S	4.5 – 9	5	600
RW-0509S	4.5 – 9	9	333
RW-0512S	4.5 – 9	12	250
RW-0515S	4.5 – 9	15	200
RW-1205S	9 – 18	5	600
RW-1209S	9 – 18	9	333
RW-1212S	9 – 18	12	250
RW-1215S	9 – 18	15	200
RW-2405S	18 – 36	5	600
RW-2409S	18 – 36	9	333
RW-2412S	18 – 36	12	250
RW-2415S	18 – 36	15	200
RW-4805S	36 – 72	5	600
RW-4809S	36 – 72	9	333
RW-4812S	36 – 72	12	250
RW-4815S	36 – 72	15	200

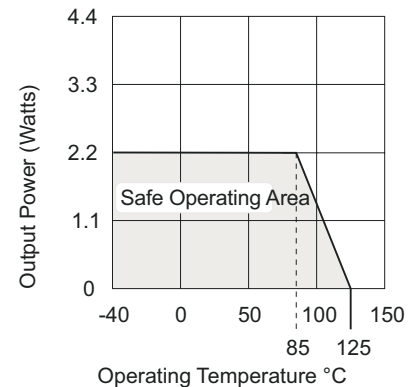


Features

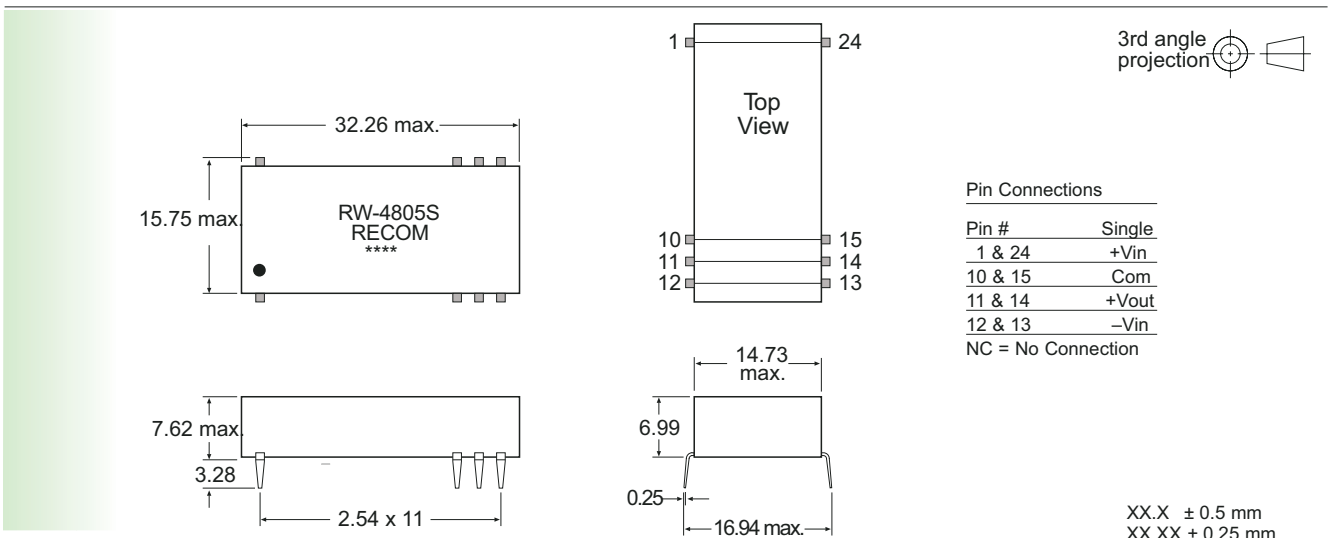
- DIP24 Miniature Package
- 2:1 Wide Input Range
- Less than 7mm High
- Continuous Short Circuit Protection
- Efficiency up to 82%
- UL 94V-0 Package Material
- Cost Effective
- Short Lead Time

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

Input Voltage Range	2 : 1	
Output Accuracy	±3%	
Rated Power	3W	
Isolation Voltage	500 VDC min.	
Ripple and Noise (20MHz limited)	5 - 9 V 12 - 15 V	100mVp-p max. 1%
Line Voltage Regulation	±0.1% typ.	
Load Voltage Regulation (10% to 100% full load)	±0.2% typ.	
Operating Frequency	50kHz min.	
Efficiency at Full Load	up to 82%	
Capacitance	12 Vin 24 & 48 Vin	Cin = 100µ 25V / Cout = 100µ 25V Cin = 10µ 100V / Cout = 100µ 25V
Operating Temperature	-40°C to +85°C (see Graph)	
Storage Temperature	-55°C to +125°C	



Package Style and Pinning (mm)



Cool Power Solutions Oy

Keskustie 6
01900 Nurmijärvi

Puh: 09-2906 1990
Fax: 09-2906 1991

info@coolpowersolutions.fi
www.coolpowersolutions.fi