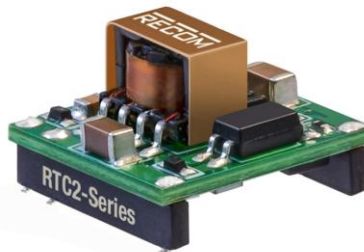


RTC2

The RTC2 is a 2W, open-frame, SMD, isolated DC/DC converter with 2:1 input voltage range. It is available with 5V (4.5-9V) or 24V (18-36V) inputs & offers a single 5V output which is short circuit protected. The output is tightly regulated with less than 50mV output ripple. There is no minimum load requirement. The operating temperature is from -40°C up to 100°C (with derating). Isolation is optionally 1kVDC or 3kVDC (basic isolation), & a control pin is fitted as standard. The 15mm x 14mm footprint is compatible with the Murata MTC2. The converter is IEC/EN60950 certified & 10/10 RoHS-conform. Class B EMC conformity can be reached with a simple external LC filter. Warranty is 3 years.



Unique Selling Proposition:	<ul style="list-style-type: none"> Low cost regulated 2:1 input SMD DC/DC converter 3kVDC isolation Wide operating temperature is from -40°C up to 85°C (no derating) Available in tubes or tape & reel for mass production 3 year warranty
Target Customer:	<ul style="list-style-type: none"> General purpose On-board power supplies Test & measurement applications High volume SMD-only designs Regulated DC/DC power supplies Demanding industrial applications
Main Features:	<ul style="list-style-type: none"> Low cost regulated 2:1 input SMD DC/DC converter 2W 3kVDC isolation Wide operating temperature is from -40°C up to 85°C (no derating) 3 year warranty

Datasheets and additional information can be found on: www.recom-international.com