

R1SX

The R1SX is a low cost, low profile, open frame, SMD isolated DC/DC converter. It is available with 3.3V or 5V inputs & offers a single unregulated 3.3V or 5V output. There is no minimum load requirement, & the quiescent consumption is less than 150mW. Isolation is 1kVDC or 3kVDC, & the operating temperature is -40°C up to +100°C (without derating). The industry standard pin-out is compatible with the R1S series, but at half the height. The converter is fully certified to IEC/EN/UL62368 & 60950 & is 10/10 RoHS-conform. Class B EMC conformity can be reached with a simple external LC filter.



Unique Selling Proposition:	<ul style="list-style-type: none"> 1 Watt DC/DC Converter in SMD package Very low profile <6mm 20% lighter for high shock & vibration resistance 1 or 3kVDC/sec isolation Operation temperature range -40°C to +100°C @ full load Industry standard pin-out 0% minimum load High efficiency & capacitive load capability (2200µF)
Target Customer:	<ul style="list-style-type: none"> General purpose DC/DC isolation (bus isolators, earth-loop breakers, noise & interference blockers) Multi-channel test & measurement applications Motor controls Industrial automation
Main Features:	<ul style="list-style-type: none"> 1 Watt DC/DC Converter in SMD package 1 or 3kVDC/sec isolation 78% efficiency Operation temperature range -40°C to +100°C @ full load Pin compatible with R1S series 3 year warranty

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