

## R-78B12-1.0L



**Part Number:** [R-78B12-1.0L](#)  
**Manufacturer:** [RECOM Power](#)  
**Description:** DC DC CONVERTER 12V 12W  
**Data sheet:** [R-78Bxx-1.0 Series Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">R-78B12-1.0L</a>
<b>Manufacturer</b>	<a href="#">RECOM Power</a>
<b>Description</b>	DC DC CONVERTER 12V 12W
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	12112 pcs
<b>Product Photo</b>	<a href="#">R-78B12-1.0L.jpg</a>
<b>Category</b>	<a href="#">Power Supplies - Board Mount</a>
<b>Voltage - Output 3</b>	-
<b>Voltage - Output 2</b>	-
<b>Voltage - Output 1</b>	12V
<b>Voltage - Input (Min)</b>	16V
<b>Voltage - Input (Max)</b>	32V
<b>Type</b>	Linear Regulator Replacement
<b>Size / Dimension</b>	0.69" L x 0.45" W x 0.33" H (17.5mm x 11.5mm x 8.5mm)
<b>Series</b>	INNOVATION R-78B-1.0
<b>Power (Watts)</b>	12W
<b>Packaging</b>	Tube
<b>Package / Case</b>	3-SIP Module
<b>Other Names</b>	80099174 945-1047 R78B121.0L R78B1210L
<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Number of Outputs</b>	1
<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Features</b>	OTP, SCP
<b>Efficiency</b>	96%
<b>Detailed Description</b>	Linear Regulator Replacement DC DC Converter 1 Output 12V 1A 16V - 32V Input
<b>Current - Output (Max)</b>	1A
<b>Control Features</b>	-
<b>Applications</b>	ITE (Commercial), Medical

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">R-78B2.5-1.0L</a> <b>Description:</b> DC DC CONVERTER 2.5V 2.5W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12431	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.8-2.0</a> <b>Description:</b> DC DC CONVERTER 1.8V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10054	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B2.5-2.0</a> <b>Description:</b> DC DC CONVERTER 2.5V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10165	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B12-1.0</a> <b>Description:</b> DC DC CONVERTER 12V 12W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12301	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B15-1.0L</a> <b>Description:</b> DC DC CONVERTER 15V 15W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10282	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.8-1.5</a> <b>Description:</b> DC DC CONVERTER 1.8V 2.7W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10769	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.5-2.0</a> <b>Description:</b> DC DC CONVERTER 1.5V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 9734	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B2.5-1.5L</a> <b>Description:</b> DC DC CONVERTER 2.5V 3.75W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 8751	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B2.5-1.0</a> <b>Description:</b> DC DC CONVERTER 2.5V 2.5W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12409	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.8-1.0L</a> <b>Description:</b> DC DC CONVERTER 1.8V 1.8W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10772	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B15-2.0</a> <b>Description:</b> DC DC CONVERTER 15V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10491	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B15-1.0</a> <b>Description:</b> DC DC CONVERTER 15V 15W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 14340	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.8-1.0</a> <b>Description:</b> DC DC CONVERTER 1.8V 2W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 14846	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B2.5-1.5</a> <b>Description:</b> DC DC CONVERTER 2.5V 3.75W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 8728	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.5-1.5</a> <b>Description:</b> DC DC CONVERTER 1.5V 2.25W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10243	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.5-1.0L</a> <b>Description:</b> DC DC CONVERTER 1.5V 1.5W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10753	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.8-1.5L</a> <b>Description:</b> DC DC CONVERTER 1.8V 2.7W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 9471	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B1.5-1.5L</a> <b>Description:</b> DC DC CONVERTER 1.5V 2.25W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10530	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B12-2.0</a> <b>Description:</b> DC DC CONVERTER 12V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 11661	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B3.3-1.0</a> <b>Description:</b> DC DC CONVERTER 3.3V 3W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12304	<a href="#">RFQ</a>

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