

## R-78B6.5-1.0



**Part Number:** [R-78B6.5-1.0](#)  
**Manufacturer:** [RECOM Power](#)  
**Description:** DC DC CONVERTER 6.5V 7W  
**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-78B6.5-1.0</a>
<b>Manufacturer</b>	<a href="#">RECOM Power</a>
<b>Description</b>	DC DC CONVERTER 6.5V 7W
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	14518 pcs
<b>Product Photo</b>	<a href="#">R-78B6.5-1.0-001.jpg</a> , <a href="#">R-78B6.5-1.0-002.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>	6.5V
<b>Voltage - Input (Min)</b>	9V
<b>Voltage - Input (Max)</b>	32V
<b>Type</b>	Linear Regulator Replacement
<b>Size / Dimension</b>	0.45" L x 0.33" W x 0.69" H (11.5mm x 8.5mm x 17.5mm)
<b>Series</b>	INNOLINE R-78B-1.0
<b>Power (Watts)</b>	7W
<b>Packaging</b>	Tube
<b>Package / Case</b>	3-SIP Module
<b>Other Names</b>	80099163 945-1055 R78B6.51.0 R78B6510
<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>	94%
<b>Detailed Description</b>	Linear Regulator Replacement DC DC Converter 1 Output 6.5V 1A 9V - 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-78C1.8-1.0</a> <b>Description:</b> DC DC CONVERTER 1.8V 1.8W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12258	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B9.0-1.0L</a> <b>Description:</b> DC DC CONVERTER 9V 9W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12495	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B9.0-2.0</a> <b>Description:</b> DC DC CONVERTER 9V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 9761	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B9.0-1.0</a> <b>Description:</b> DC DC CONVERTER 9V 9W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12120	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B5.0-1.0L</a> <b>Description:</b> DC DC CONVERTER 5V 5W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12582	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B3.3-2.0</a> <b>Description:</b> DC DC CONVERTER 3.3V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10520	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B6.5-1.0L</a> <b>Description:</b> DC DC CONVERTER 6.5V 6.5W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 13223	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78C12-1.0</a> <b>Description:</b> DC DC CONVERTER 12V 12W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 14377	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B3.3-1.0L</a> <b>Description:</b> DC DC CONVERTER 3.3V 3W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 13994	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B3.3-1.5</a> <b>Description:</b> DC DC CONVERTER 3.3V 4.95W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10859	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78C1.8-1.0</a> <b>Description:</b> CONV DC/DC 1A 5-42VIN 1.8VOUT TH	<b>Manufacturers:</b> <a href="#">Recom Power</a> <b>In Stock:</b> 231	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B5.0-1.0</a> <b>Description:</b> DC DC CONVERTER 5V 5W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 13434	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B5.0-2.0</a> <b>Description:</b> DC DC CONVERTER 5V	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 13130	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B5.0-1.5L</a> <b>Description:</b> DC DC CONVERTER 5V 7.5W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 12198	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B6.5-1.5</a> <b>Description:</b> DC DC CONVERTER 6.5V 9.75W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 11654	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B5.0-1.5</a> <b>Description:</b> DC DC CONVERTER 5V 8W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 11789	<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>
	<b>Part#:</b> <a href="#">R-78B6.5-1.5L</a> <b>Description:</b> DC DC CONVERTER 6.5V 9.75W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10166	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78B3.3-1.5L</a> <b>Description:</b> DC DC CONVERTER 3.3V 4.95W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 10259	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R-78C15-1.0</a> <b>Description:</b> DC DC CONVERTER 15V 15W	<b>Manufacturers:</b> <a href="#">RECOM Power</a> <b>In Stock:</b> 9583	<a href="#">RFQ</a>

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