

Gunn Oscillator Regulator

SOR-R3-WPC is a voltage regulator designed and manufactured to protect the Gunn oscillator from being accidentally reverse biased or over biased. The well-regulated and low ripple output voltage supplied by the regulator also helps to reduce possible amplitude and frequency modulation caused by the ripples of the bias voltage supplied by a low-quality DC power supply.



Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Input Voltage (VDC)		+15 VDC	
Output Voltage (VDC)	+5 VDC		+12 VDC
Output Current Capacity		1,000 mA	
Specification Temperature		+25°C	
Case Temperature	0°C		+50°C

Mechanical Specifications:

Item	Specification
Input Connector	Solder Pins
Output Connector	SMA (F)
Case Material	Aluminum
Finish	Chem Film
Weight	2.4 Oz
Size	2.5" (L) x 1.8" (W) x 0.6" (H)
Outline	OR-R3

ECCN

EAR99

FEATURES

- High Regulated and Precise Output Voltage
- Low ripple to reduce AM Modulation

APPLICATIONS

- Lab Test Setups
- Gunn Oscillation Protection
- Gunn Oscillation Enhancement

SUPPLEMENTAL DETAILS



