

查询RS3507M供应商

捷多邦, 专业PCB打样工厂, 24小时加急

RECTRON SEMICONDUCTOR TECHNICAL SPECIFICATION

**RS3501M
THRU
RS3507M**

SINGLE-PHASE SILICON BRIDGE RECTIFIER

VOLTAGE RANGE 50 to 1000 Volts CURRENT 35 Amperes

FEATURES

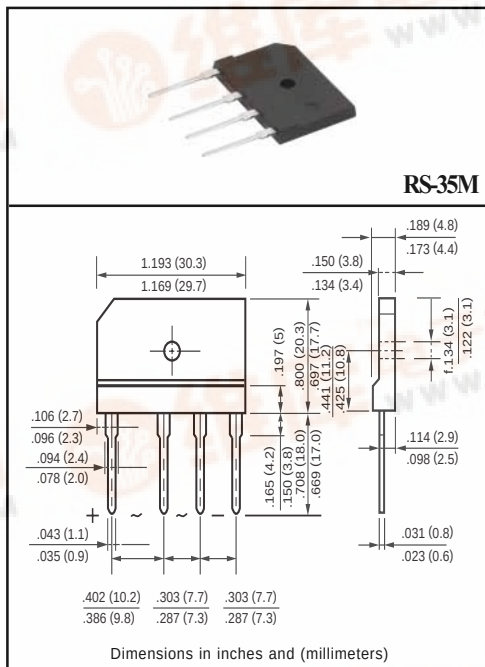
- * Low leakage
- * Low forward voltage
- * Mounting position: Any
- * Surge overload rating: 400 amperes peak
- * Ideal for printed circuit boards
- * High forward surge current capability

MECHANICAL DATA

- * UL listed the recognized component directory, file #E94233
- * Epoxy: Device has UL flammability classification 94V-O

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified.
Single phase, half wave, 60 Hz, resistive or inductive load.
For capacitive load, derate current by 20%.



MAXIMUM RATINGS (At TA = 25°C unless otherwise noted)

RATINGS	SYMBOL	RS3501M	RS3502M	RS3503M	RS3504M	RS3505M	RS3506M	RS3507M	UNITS
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	Volts
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	420	560	700	Volts
Maximum DC Blocking Voltage	Vdc	50	100	200	400	600	800	1000	Volts
Maximum Average Forward Rectified Output Current at Tc = 100°C with heatsink	Io	35							Amps
Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load	IFSM	400							Amps
Operating and Storage Temperature Range	TJ, TSTG	-55 to + 150							°C

ELECTRICAL CHARACTERISTICS (At TA = 25°C unless otherwise noted)

CHARACTERISTICS	SYMBOL	RS3501M	RS3502M	RS3503M	RS3504M	RS3505M	RS3506M	RS3507M	UNITS
Maximum Forward Voltage Drop per element at 17.5A DC	VF	1.1							Volts
Maximum Reverse Current at Rated	IR	10							uAmps
DC Blocking Voltage per element		0.2							mAmps

RATING AND CHARACTERISTIC CURVES (RS3501M THRU RS3507M)

