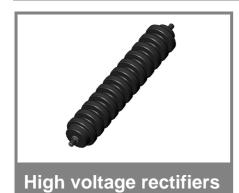
# Si-E 8000\_3600-4



Si-E 8000\_3600-4

**Forward Current: 4 A** 

Reverse Voltage: to 24000 V

Publish Data

### **Features**

- · Simple mounting
- Epoxy material has UL classification 94V-0
- Use in oil
- Stardard packing : bulk

## **Typical Applications**

- X-ray equipment
- Electrostatic dust precipitators
- Lasers
- HV welding
- HV test equipment
- Wood dry equipment
- Plasma equipment
- HV power supply

#### **Mechanical Data**

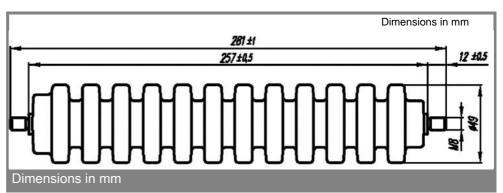
Epoxy potting

• Weight approx.: 600g

• Plastic case : Φ49x281 (mm)

Туре	Repetitive peak	Alternate	Rated DC	Max.	
	reverse voltage	input voltage	voltage	forward	
				voltage	
	$V_{RRM}$	$V_{VRMS}$	$V_{RD}$	$V_{F}$	
	V	V	V	V	
Si E 8000/3600-4	24000	8000	3600	12 at I <sub>FAV</sub>	

Absolute Maximum Ratings T <sub>c</sub> =25°C unless otherwise specified				
Symbol	Conditions	Values	Units	
I <sub>FAV</sub>	Max. averaged fwd. current, R-load, T <sub>A</sub> = 45 °C	4	Α	
I <sub>FSM</sub>	Surge forw. current 50 Hz half sin-wave, T <sub>A</sub> = 45°C	200	Α	
I² <sub>t</sub>	Rating for fusing, t< 10 ms	200	A²s	
I <sub>R</sub>	Maximum reverse current, T <sub>J</sub> =45 °C, V <sub>R</sub> =V <sub>RRM</sub>	10	μA	
I <sub>R</sub>	Maximum reverse current, T <sub>J</sub> =150 °C, V <sub>R</sub> =V <sub>RRM</sub>	1	mA	
T <sub>j</sub>	Operating junction temperature	-40 <b>+</b> 150	°C	
T <sub>s</sub>	Storage temperature	-40 <b>+</b> 150	°C	



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