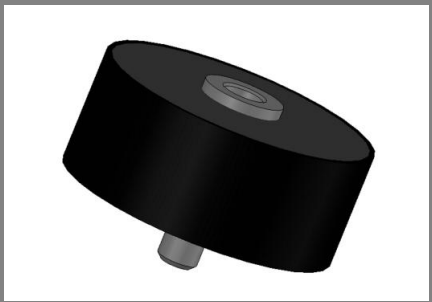


Si-E 3000_1350-2,5



High voltage rectifiers

Si-E 3000_1350-2,5
Forward Current: 2,5 A
Reverse Voltage: to 8000 V

Features

- Simple mounting
- Epoxy material has UL classification 94V-0
- Use in oil
- Standard 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. : 110g
- Plastic case : Φ55x36 (mm)

Type	Repetitive peak reverse voltage V_{RRM} V	Alternate input voltage V_{VRMS} V	Rated DC voltage V_{RD} V	Max. forward voltage V_F V 6 at I_{FAV}
Si-E 3000/1350-2,5	8000	3000	1350	

Absolute Maximum Ratings $T_c=25^{\circ}C$ unless otherwise specified			
Symbol	Conditions	Values	Units
I_{FAV}	Max. averaged fwd. current, R-load, $T_A = 45^{\circ}C$	2,5	A
I_{FSM}	Surge forw. current 50 Hz half sin-wave, $T_A = 45^{\circ}C$	200	A
I_t^2	Rating for fusing, $t < 10$ ms	200	A ² s
I_R	Maximum reverse current, $T_J = 25^{\circ}C$, $V_R = V_{RRM}$	10	μA
I_R	Maximum reverse current, $T_J = 150^{\circ}C$, $V_R = V_{RRM}$	1	mA
T_J	Operating junction temperature	-40 ... +150	°C
T_s	Storage temperature	-40 ... +150	°C

