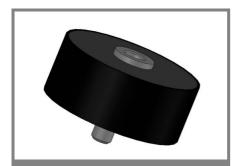
Si-E 1125_500-6



High voltage rectifiers

Si-E 1125_500-6

Forward Current: 6 A

Reverse Voltage: to 3200 V

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

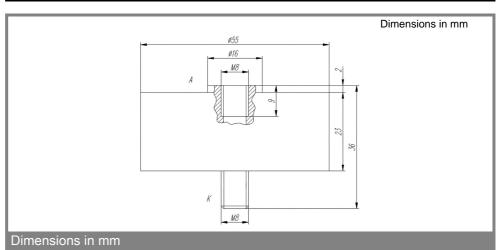
Epoxy potting

Weight approx. : 110g

Plastic case : Φ55x36 (mm)

Туре	Repetitive peak reverse voltage	Alternate input voltage	Rated DC voltage	Max. forward voltage	
	V _{RRM} V	V _{VRMS} V	V _{RD} V	V _F V	
Si-E 1125/500-6	3200	1125	500	3 at I _{FAV}	

Absolute Maximum Ratings T _c =25°C unless otherwise specified				
Symbol	Conditions	Values	Units	
I_{FAV}	Max. averaged fwd. current, R-load, T _A = 45 °C	6	Α	
I _{FSM}	Surge forw. current 50 Hz half sin-wave, T _A = 45°C	300	Α	
I² _t	Rating for fusing, t< 10 ms	450	A²s	
I _R	Maximum reverse current, T _J =25 °C, V _R =V _{RRM}	10	μA	
I _R	Maximum reverse current, T _J =150 °C, V _R =V _{RRM}	1	mA	
T _j	Operating junction temperature	-40 + 150	°C	
T _s	Storage temperature	-40 + 150	°C	



Si-E 1125_500-6

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