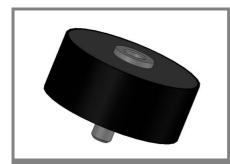
Si-E 1750_775-4



High voltage rectifiers

Si-E 1750_775-4

Forward Current: 4 A

Reverse Voltage: to 4800 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

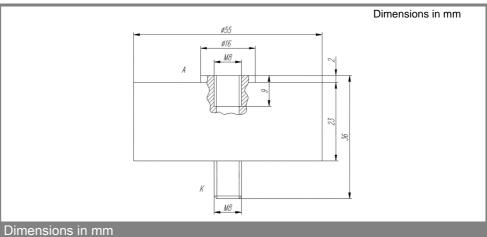
Epoxy potting

Weight approx.: 110g

• Plastic case : Φ55x36 (mm)

Туре	Repetitive peak	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 1750/775-4	4800	1750	775	4 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	4	Α	
I _{FSM}	Surge forw. current 50 Hz half sin-wave, T _A = 45°C	200	Α	
I² _t	Rating for fusing, t< 10 ms	200	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 1750_775-4

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