

Schottky Surface Mount Flat Bridge Rectifier

Features

- Low profile package
- Ideal for automated placement
- Ultrafast reverse recovery time
- Low power losses, high efficiency
- Low forward voltage drop and high surge capability

PINNING

PIN	DESCRIPTION
1	Input Pin (~)
2	Input Pin (~)
3	Output Anode (+)
4	Output Cathode (-)

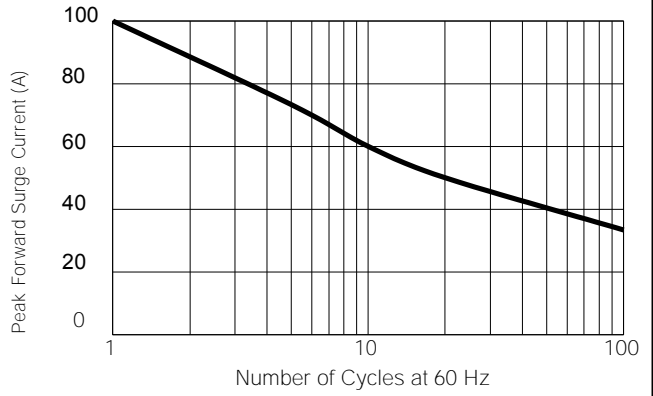
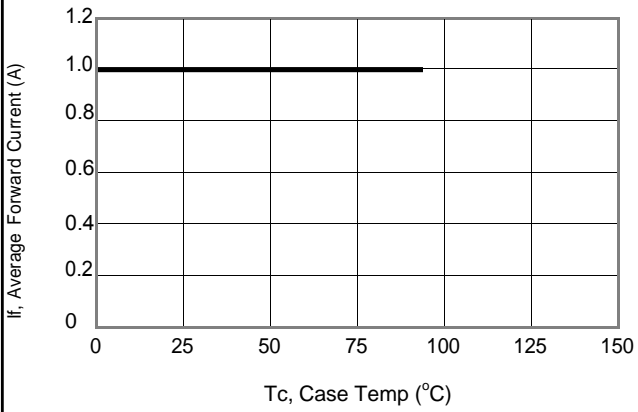
Maximum Ratings and Electrical characteristics

Ratings at 25 °C ambient temperature unless otherwise specified.

Single phase half-wave 60 Hz, resistive or inductive load, for capacitive load current derate by 20 %.

Items	Sym bol	KMB1 F	UNI
Maximum reverse voltage	V_{R}		V
Maximum average forward current	$I_{F(AV)}$	1.0	A
Maximum surge forward current	I_{FSM}		A
Maximum reverse recovery time	t_{rr}		ns
Maximum junction temperature	T_{jmax}		°C
Maximum storage temperature	T_{stg}		°C
Maximum soldering temperature	T_{solder}		°C

RATINGS AND CHARACTERISTICS CURVES (TA = 25 °C unless otherwise noted)



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