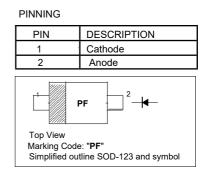
SB160M-40 Silicon Epitaxial Planar Schottky Barrier Diode

Features

- High reliablility
- · Low forward voltage

Application

- For switching power supplies
- Battery protection against reversal current



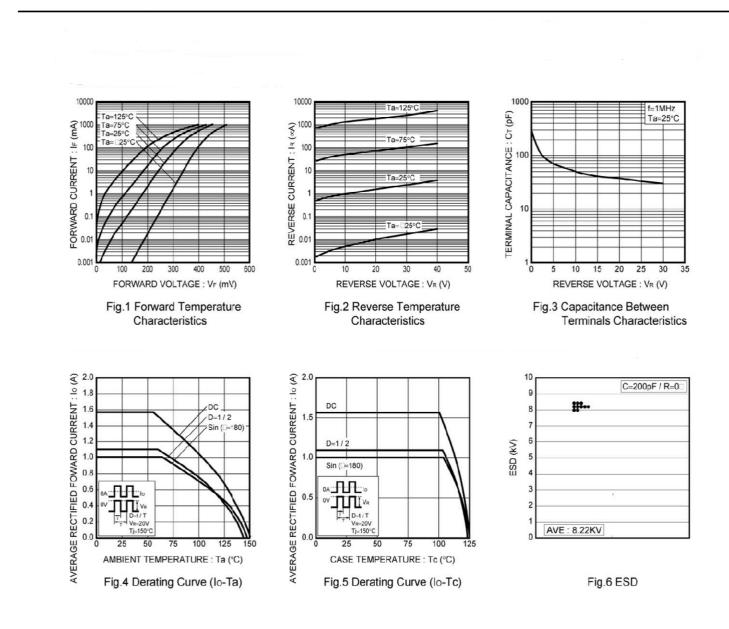
Absolute Maximum Ratings (T_a = 25_°C)

Parameter	Symbol	Value	Unit
Repetitive Peak Reverse Voltage	Vrm	40	V
Reverse Voltage	V _R	40	V
Average Rectified Forward Current	F(AV)	1	А
Peak Forward Surge Current (8.3 ms)	Ігѕм	30	А
Junction Temperature	Tj	150	٥C
Storage Temperature Range	Tstg	- 40 to + 150	°C

Electrical Characteristics (T_a = 25 °C)

Parameter	Symbol	Max.	Unit
Forward Voltage at I _F = 1 A	VF	0.51	V
Reverse Current at V _R = 40 V	I _R	30	μΑ

Typical Characteristics



YINHELA



SOD-123

PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

