

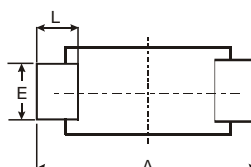
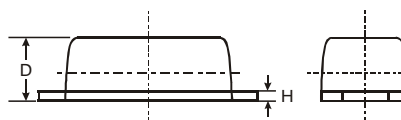
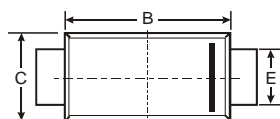
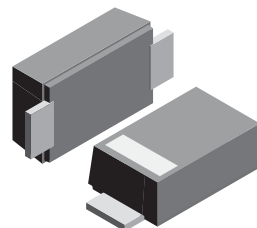
**VOLTAGE RANGE: 60V**  
**CURRENT: 0.5A**

### Features

- Glass passivated device
- Ideal for surface mounted applications
- Low reverse leakage
- Metallurgically bonded construction
- High temperature soldering guaranteed:  
250°C/10 seconds, 0.375" (9.5mm) lead length,  
5 lbs. (2.3kg) tension

### Mechanical Data

- Case: SOD-123FL  
plastic body over passivated junction
- Terminals : Plated axial leads,
- solderable per MIL-STD-750, Method 2026
- Polarity : Color band denotes cathode end
- Mounting Position : Any
- Weight: 0.0007 ounce, 0.02 grams



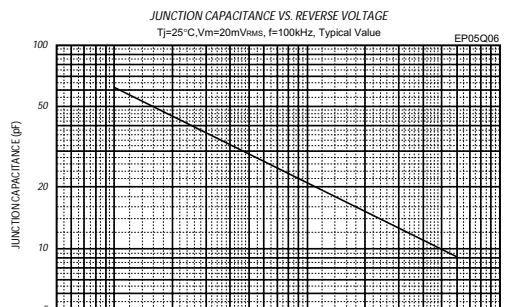
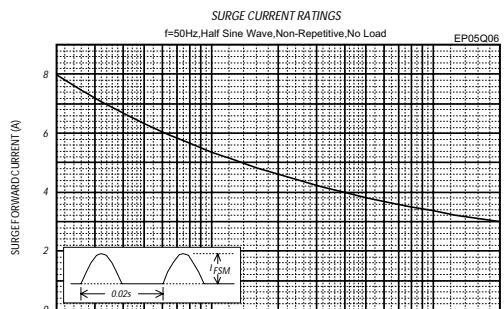
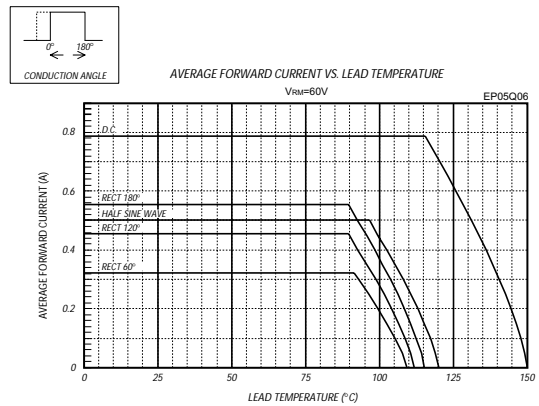
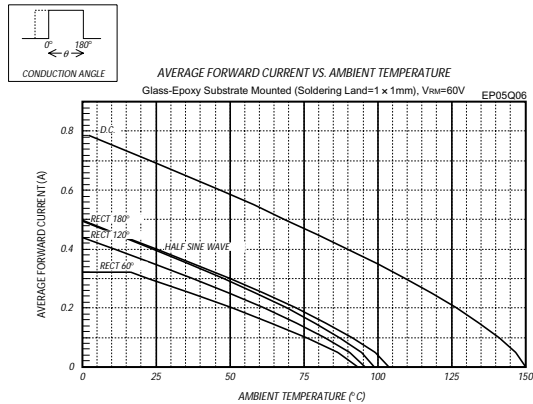
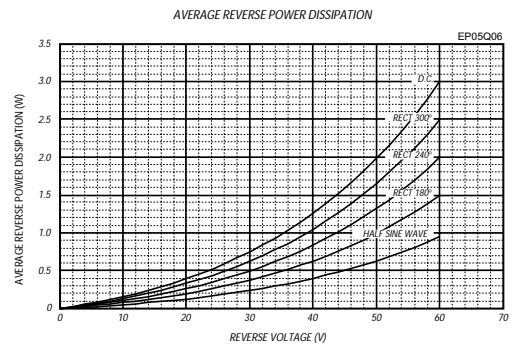
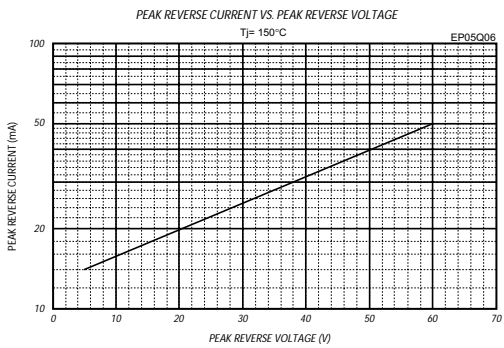
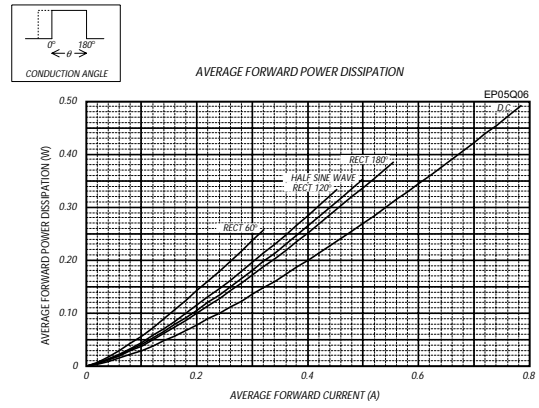
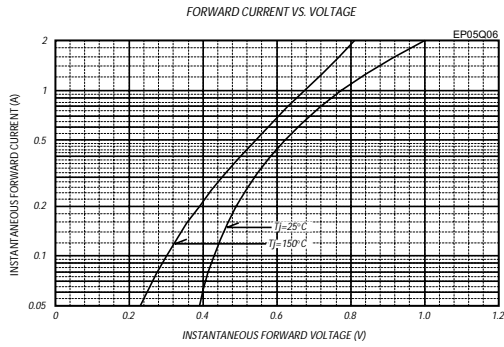
SOD-123FL			
Dim	Min	Max	Typ
A	3.58	3.72	3.65
B	2.72	2.78	2.75
C	1.77	1.83	1.80
D	1.02	1.08	1.05
E	0.097	1.03	1.00
H	0.13	0.17	0.15
L	0.53	0.57	0.55
All Dimensions in mm			

### Maximum Ratings @ T<sub>A</sub> = 25°C unless otherwise specified

Characteristic	Symbol	Limits	Unit
Repetitive Peak Reverse Voltage	V <sub>RRM</sub>	60	V
Average Rectified Forward Current 50Hz Half Sine Wave Resistive Load	I <sub>O</sub>	0.40 0.5	A
R.M.S. Forward Current	I <sub>F(RMS)</sub>	0.785	A
Surge Forward Current 50Hz Half Sine Wave, 1 cycle, Non-repetitive	I <sub>FSM</sub>	8	A
Operating Junction Temperature Range	T <sub>jw</sub>	-40 to +150	°C
Storage Temperature Range	T <sub>stg</sub>	-40 to +150	°C

### Electrical Characteristics

Characteristic	Symbol	Min	Typ	Max	Unit
Peak Reverse Current	I <sub>RM</sub>	-	-	100	μA
Peak Forward Voltage	V <sub>FM</sub>	-	-	0.62	V
Thermal Resistance Junction to Ambient	R <sub>th(j-a)</sub>	-	-	300	C /W
		-	-	70	



单击下面可查看定价，库存，交付和生命周期等信息

[>>SUNMATE\(森美特\)](#)