

Schottky Rectifier

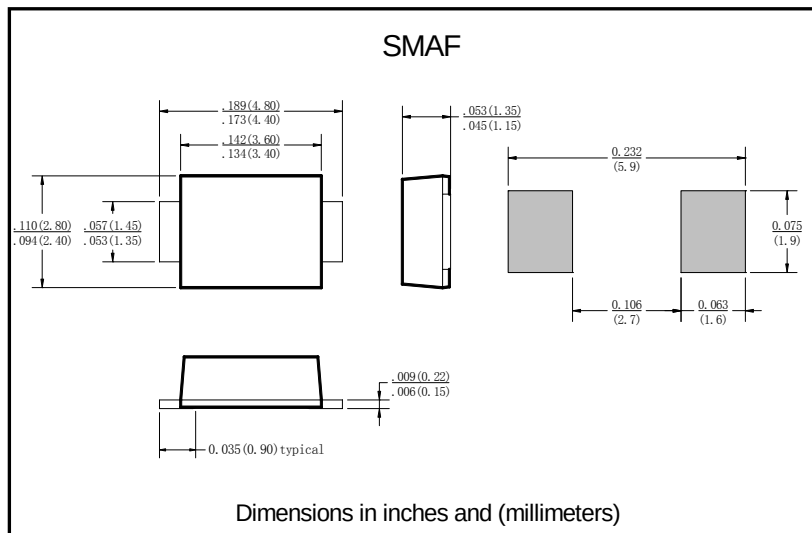
■ Features

- I_O 3.0A
- V_{RRM} 20V~100V
- Low VF, Low power loss
- High surge forward current capability

■ Applications

- Rectifier

■ Outline Dimensions and Mark



■ Limiting Values (Absolute Maximum Rating)

Item	Symbol	Unit	Conditions	LS							
				32	33	34	35	36	38	310	
Repetitive Peak Reverse Voltage	V _{RRM}	V		20	30	40	50	60	80	100	
Average Rectified Output Current	I _O	A	60Hz One-way half-wave, R-load, Ta=75℃	3.0							
Surge(Non-repetitive) Forward Current	I _{FSM}	A	60Hz sine wave, 1 cycle, T _j =25℃	80							
Storage Temperature	T _{stg}	℃		-55 ~+150							
Junction Temperature	T _j	℃		-55 ~+100							

■ Electrical Characteristics ($T_a=25^{\circ}\text{C}$ Unless otherwise specified)

Item	Symbol	Unit	Test Condition	LS							
				32	33	34	35	36	38	310	
Peak Forward Voltage	V _{FM}	V	I _{FM} =3.0A	0.5			0.7		0.85		
Peak Reverse Current	I _{RRM}	mA	V _{RM} =V _{RRM} , Ta=25℃	0.5							
Thermal Resistance	R _{θ J-L}	℃/W	Between junction and lead	20							

■ Characteristics(Typical)

