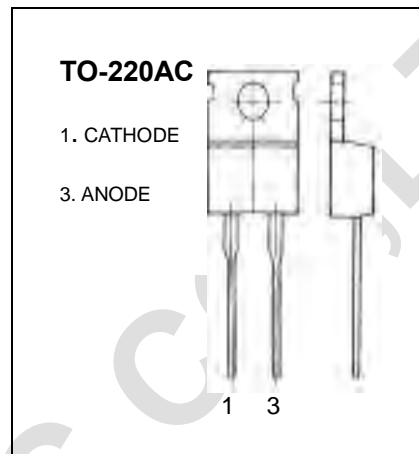


### SBL1060 SCHOTTKY BARRIER RECTIFIER

#### FEATURES

- Schottky Barrier Chip
- Guard Ring Die Construction for Transient Protection
- Low Power Loss, High Efficiency
- High Surge Capability
- High Current Capability and Low Forward Voltage Drop
- For Use in Low Voltage, High Frequency Inverters, Free Wheeling, and Polarity Protection Applications



#### ELECTRICAL CHARACTERISTICS (Tamb=25°C unless otherwise specified)

Characteristic	Symbol	Value	Unit
Peak Repetitive Reverse Voltage	$V_{RRM}$	60	V
Working Peak Reverse Voltage	$V_{RWM}$		
DC Blocking Voltage	$V_R$		
Average Rectified Output Current (Note 1)	$I_O$	10	A
Forward Voltage Drop @ $I_F=10A, T_C=25^\circ C$	$V_F$	0.7	V
Peak Reverse Current at Rated DC Blocking Voltage @ $T_C=25^\circ C$	$I_R$	0.45	mA
Operating and Storage Temperature Range	$T_j, T_{STG}$	-55 to +150	°C

Notes: 1. Thermal resistance junction to case mounted heat sink.