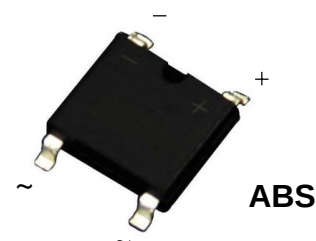
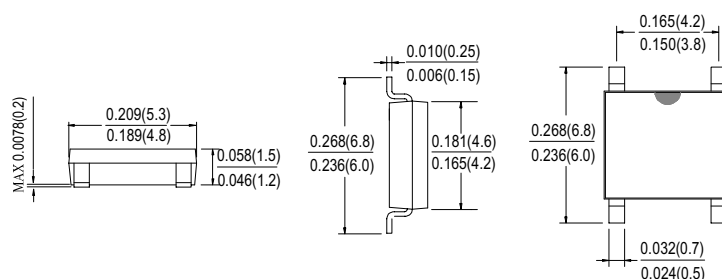


FEATURES

- UL Recognized Component
- High surge current capability
- Ideal for Printed Circuit Board
- Plastic Package - UL Flammability Classification 94V-0

**MECHANICAL DATA**

- Case: Transfer Molded Epoxy
- Mounting Position: Any
- Terminals: Plated leads solderable per MTL-STD-750, Method 2026

**MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS**

Rating at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%

Characteristic		Symbol	ABS2	ABS4	ABS6	ABS8	ABS10	Unit
Maximum Repetitive Peak Reverse Voltage		V_{RRM}	200	400	600	800	1000	V
Maximum RMS Voltage		V_{RMS}	140	280	420	560	700	V
Maximum DC Blocking Voltage		V_{DC}	200	400	600	800	1000	V
Average Rectified Output Current @ $T_A=40^{\circ}C$		$I_{F(AV)}$	1.0					A
Peak Forward Surge Current, 8.3 ms Single Half Sine- wave Superimposed on Rated Load (JEDEC method)		I_{FSM}	30					A
Forward Voltage drop per Element at $I_F=1.0A$		V_F	1.1					V
Rating for fusing ($t<8.3mS$)		I^2T	3.74					A^2sec
Peak Reverse Current At Rated DC Blocking Voltage	$T_A=25^{\circ}C$ $T_A=125^{\circ}C$	I_R	10 150					μA
Typical Thermal Resistance (Note 1)		$R_{\theta JL}$ $R_{\theta JA}$	25 80					$^{\circ}C/W$
Storage and Operating Temperature Range		T_J, T_{STG}	- 55 to + 150					$^{\circ}C$

Notes: (1) Thermal resistance from Junction to Ambient on P.C. board mounting.

Typical Characteristics

FIG.1 MAXIMUM FORWARD CURRENT DERATING CURVE

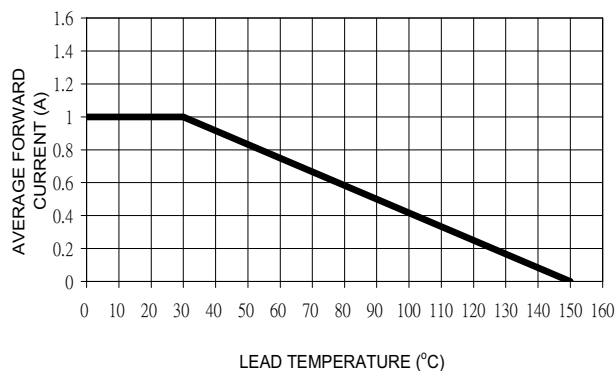


FIG. 2 TYPICAL REVERSE CHARACTERISTICS

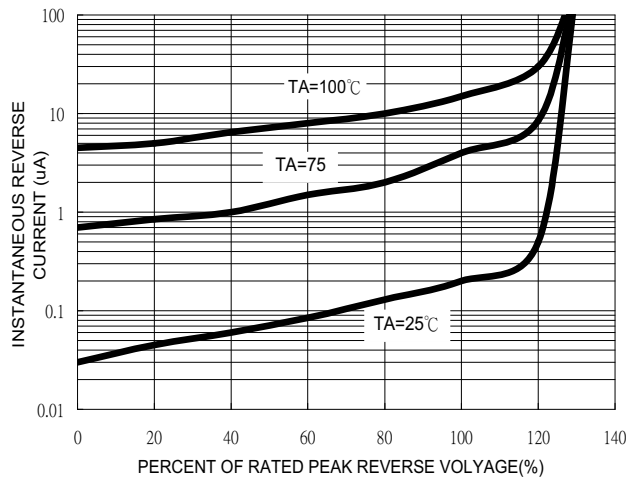


FIG. 3 MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

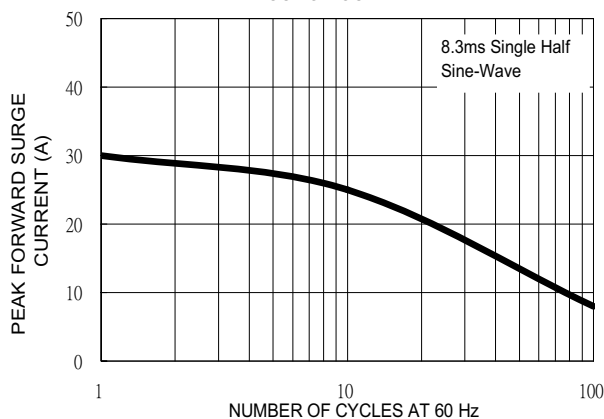


FIG. 4 TYPICAL JUNCTION CAPACITANCE

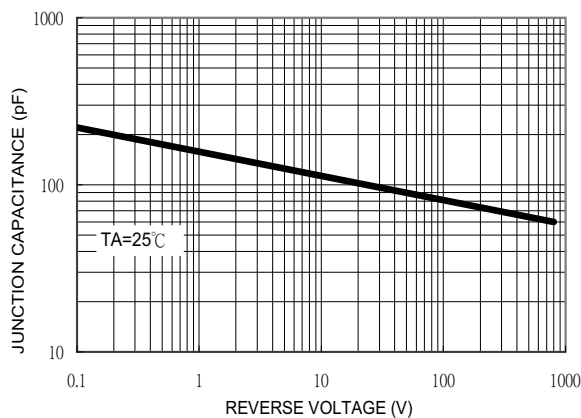


FIG. 5 TYPICAL FORWARD CHARACTERISTICS

