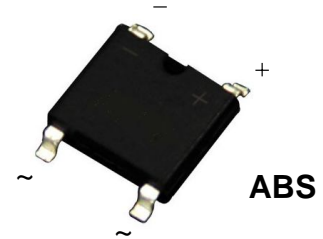
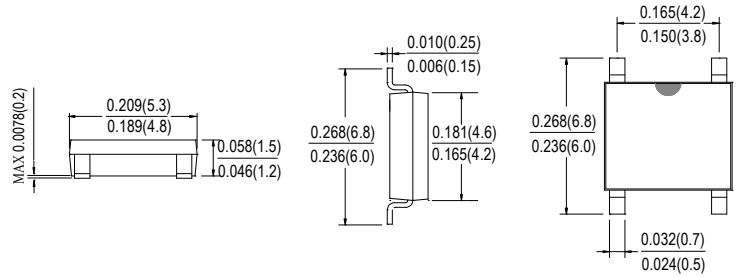


FEATURES

- 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	I_R	$T_A = 25^\circ C$						μA
		$T_A = 125^\circ C$						
Typical Thermal Resistance (Note 1)	$R_{\theta JL}$ $R_{\theta JA}$	25						$^\circ C/W$
		80						
Storage and Operating Temperature Range	T_J, T_{STG}	- 55 to + 150						$^\circ C$

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

Typical Characteristics

FIG. 1 MAXIMUM FORWARD CURRENT DERATING CURVE

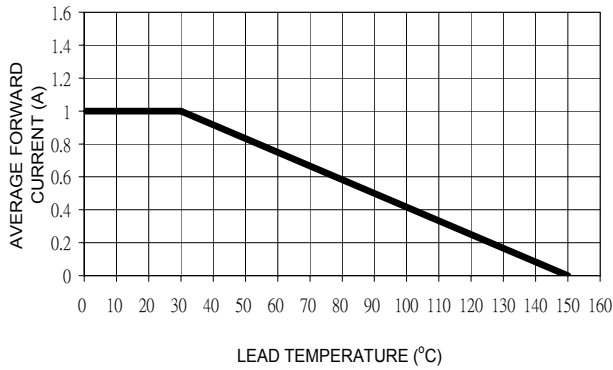


FIG. 2 TYPICAL REVERSE CHARACTERISTICS

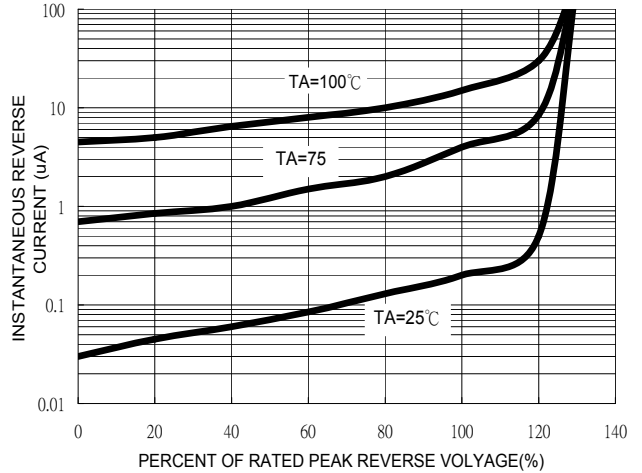


FIG. 3 MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

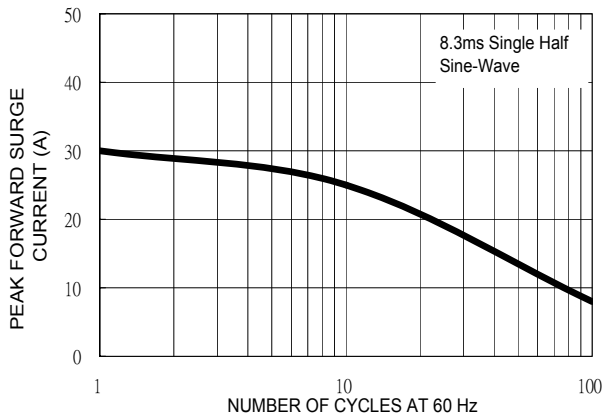


FIG. 4 TYPICAL JUNCTION CAPACITANCE

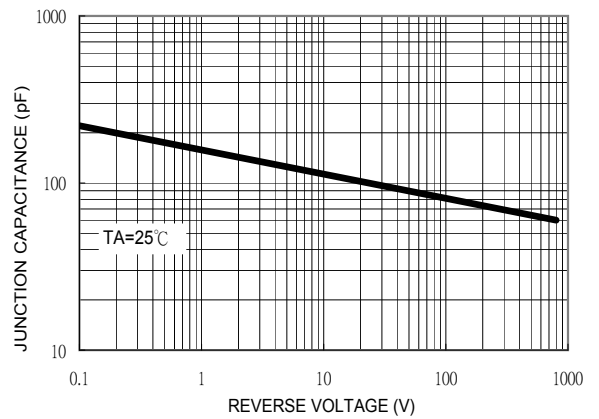


FIG. 5 TYPICAL FORWARD CHARACTERISTICS

