- ŏGlass passivated die construction
- ŏLow forward voltage drop
- ŏHigh current capability
- ŏHigh surge current capability
- ŏDesigned for surface mount application
- ŏPlastic material-UL flammability 94V-0

- ŏCase: ABS molded plastic
- ŏTerminals: plated leads solderable per MIL-STD-202, Method 208
- ŏPolarity: as marked on case
- ŏMounting position: Any
- ŏMarking: type number

TYPE NUMBER	SYMBOL	ABS2	ABS4	ABS6	ABS8	ABS10	UNITS
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RRM} V_{RWM} V_{DC}	200	400	600	800	1000	V
RMS Reverse Voltage	V_{RMS}	140	280	420	560	700	V
=30 =30	I_O	0.5 0.8					A
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	I_{FSM}	30					A
Forward Voltage per element @IF=0.4A	V_{FM}	0.95					V
Peak Reverse Current At Rated DC Blocking Voltage	I_R	5.0 500					uA
Typical Thermal Resistance per leg (Note 3)	$R_{\_JA}$ $R_{\_JL}$	62.5 25					/W
Operating and Storage Temperature Range							

FIG.1 MAXIMUM FORWARD CURRENT DERATING CURVE

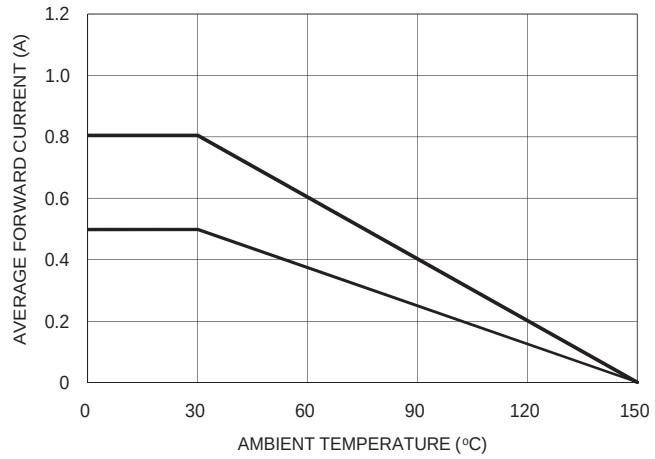

FIG. 2 TYPICAL FORWARD

1.4

FIG. 3 MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

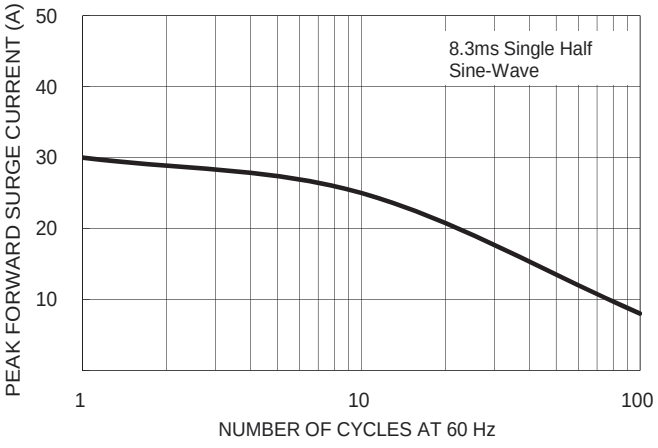

FIG. 4 TYPICAL REVERSE CHARACTERISTICS