

W005 THRU W10

查询"W04"供应商

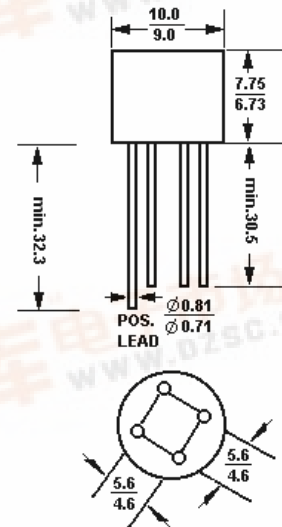
1.5A SINGLE-PHASE SILICON BRIDGE RECTIFIERS

Reverse Voltage – 50 to 1000 Volts

Forward Current – 1.5 Amperes

Features

- Surge overload rating – 50 amperes peak
- Ideal for printed circuit boards
- Reliable low cost construction utilizing molded plastic technique results in inexpensive product
- Mounting Position: Any



Dimensions in mm

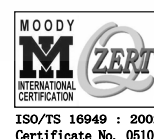
Absolute Maximum Ratings and Characteristics

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

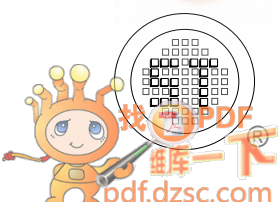
	Symbols	W005	W01	W02	W04	W06	W08	W10	Units
Maximum recurrent peak reverse voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	800	V
Maximum DC blocking voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum average forward rectified current at $T_A = 25^{\circ}C$	$I_{(AV)}$	1.5							A
Peak forward surge current , 8.3ms single half sine-wave superimposed on rated load	I_{FSM}	50							A
Rating for fusing ($t < 8.35ms$)	I^2t	5							A^2t
Maximum forward voltage drop per element at 1A peak	V_F	1							V
Maximum reverse current at rated $T_A = 25^{\circ}C$	I_R	10							μA
DC blocking voltage per element $T_A = 100^{\circ}C$		1.0							mA
Operating temperature range	T_J	-50 to +125							$^{\circ}C$
Storage temperature range	T_A	-50 to +150							$^{\circ}C$

SEMTECH ELECTRONICS LTD.

(Subsidiary of Semtech International Holdings Limited, a company listed on the Hong Kong Stock Exchange, Stock Code: 724)



Dated : 03/12/2002



RATING AND CHARACTERISTICS CURVES

FIG. 1-MAXIMUM FORWARD SURGE CURRENT

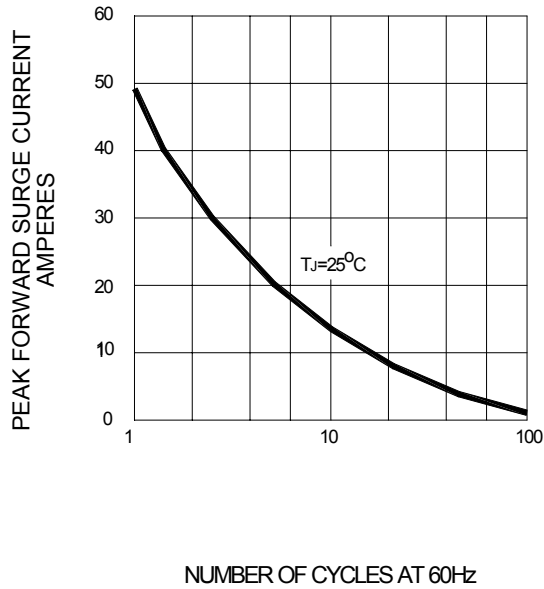


FIG. 2-DERATING CURVE
OUTPUT RECTIFIED CURRENT

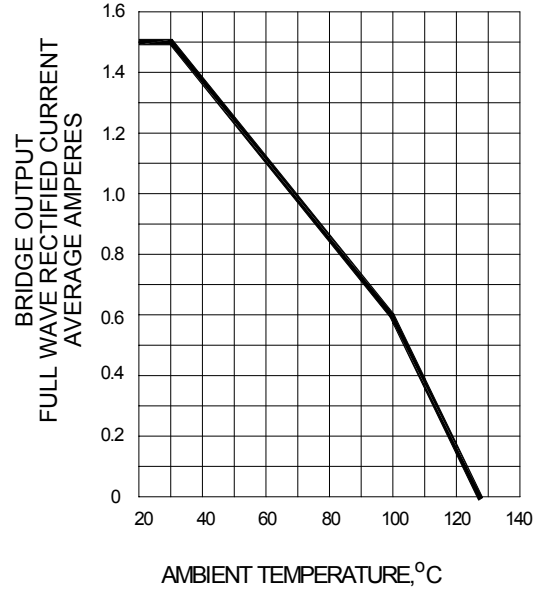


FIG. 3-TYPICAL FORWARD
CHARACTERISTICS

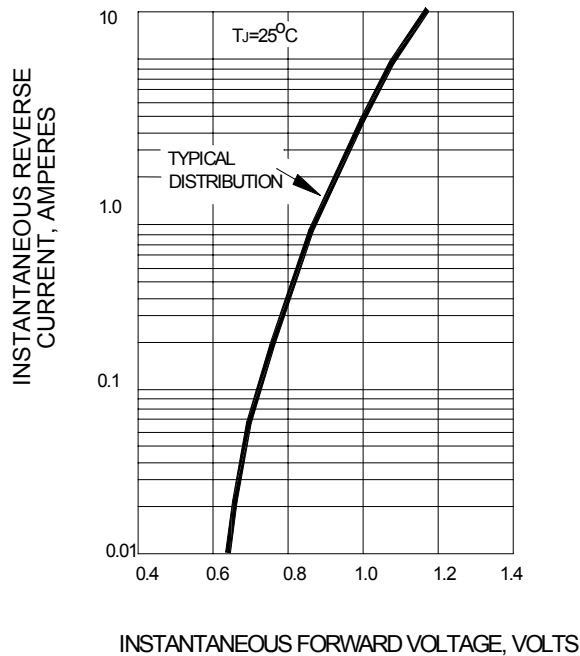
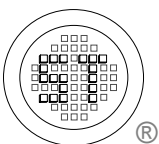
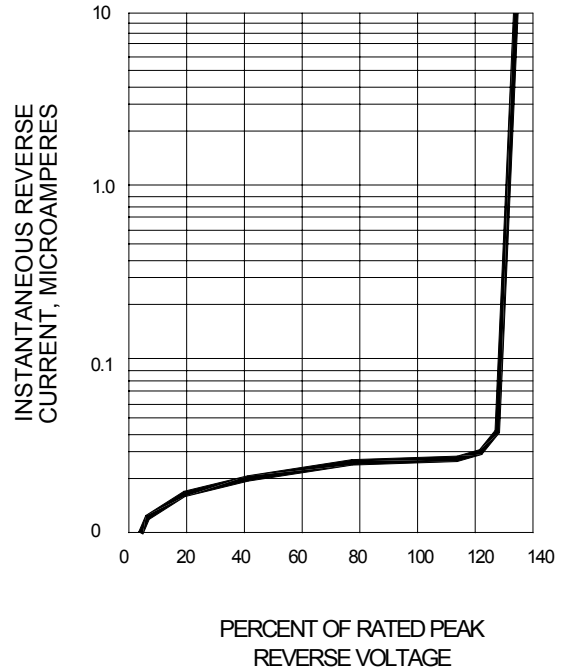


FIG. 4-TYPICAL REVERSE
CHARACTERISTICS



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