



DONGGUAN XINGLIN ELECTRONICS CO.,LTD

SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

DB201S THRU DB207S

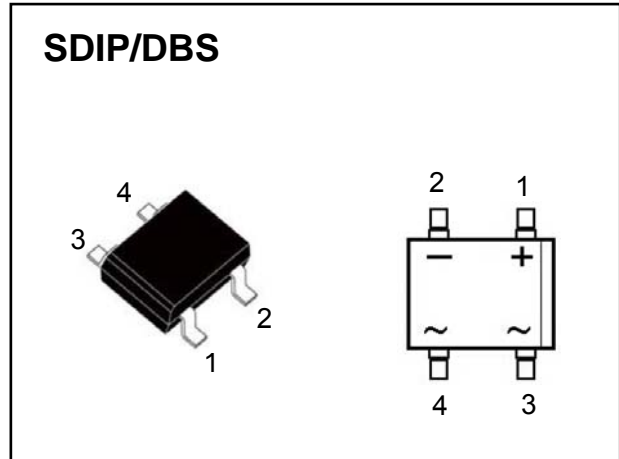
Voltage Range - 50 to 1000 Volts Current - 2.0 Ampere

FEATURES

Ideal for printed circuit board
 Reliable low cost construction utilizing
 molded plastic technique
 High temperature soldering guaranteed:
 250* / 10 seconds / 0.375"(9.5mm)
 led length at 5 lbs., (2.3kg)tension
 Small size, simple installation
 Leads solderable per MIL-STD-202,
 Method 208
 High surge current capability

MECHANICAL DATA

Case: Molded plastic body
Terminals: Plated leads solderable per MIL-STD-750,
 Method 2026
Polarity: Polarity symbols marked on case
Mounting Position: Any
Weight: 0.02 ounce, 0.4 grams



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

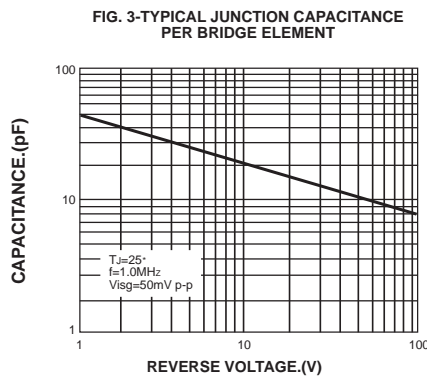
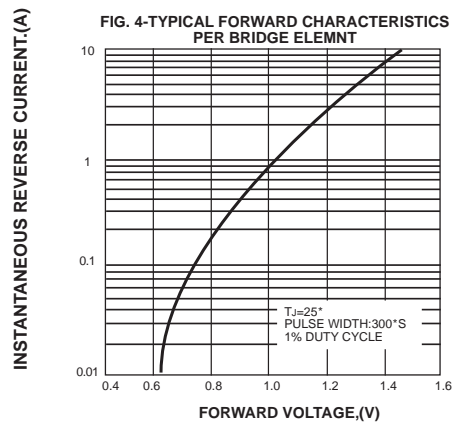
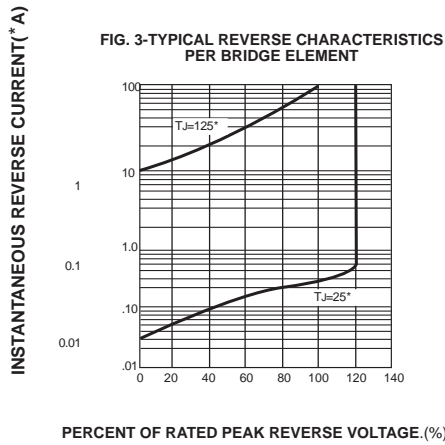
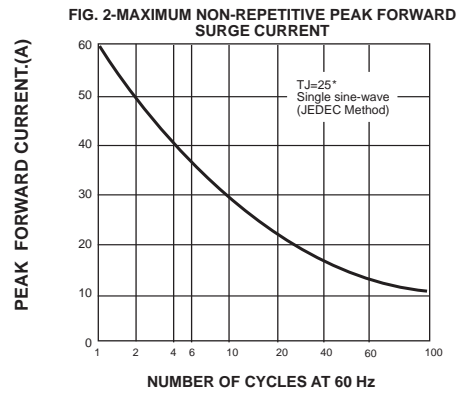
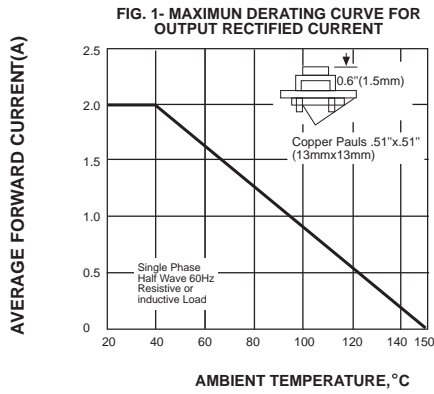
Ratings at 25* ambient temperature unless otherwise specified.
 Single phase half-wave 60Hz, resistive or inductive load, For capacitive load derate current by 20%.

MDD Catalog Number	SYMBOLS	MDD	MDD	MDD	MDD	MDD	MDD	MDD	UNITS
		DB201S	DB202S	DB203S	DB204S	DB205S	DB206S	DB207S	
Maximum repetitive peak reverse voltage	V_{RRM}	50	100	200	400	600	800	1000	VOLTS
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	VOLTS
Maximum DC blocking voltage	V_{DC}	50	100	200	400	600	800	1000	VOLTS
Maximum average forward rectified current at $T_A=40^*$	$I_{F(AV)}$	2.0							Amps
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	I_{FSM}	60							Amps
Maximum instantaneous forward voltage drop per bridge element at 2.0A	V_F	1.1							Volts
Maximum DC reverse current at rated DC blocking voltage	I_R	10 500							μA μA
Operating temperature range	T_J	-55 to +150							$^{\circ}C$
storage temperature range	T_{STG}	-55 to +150							$^{\circ}C$

NOTES: DBS for surface mount package.



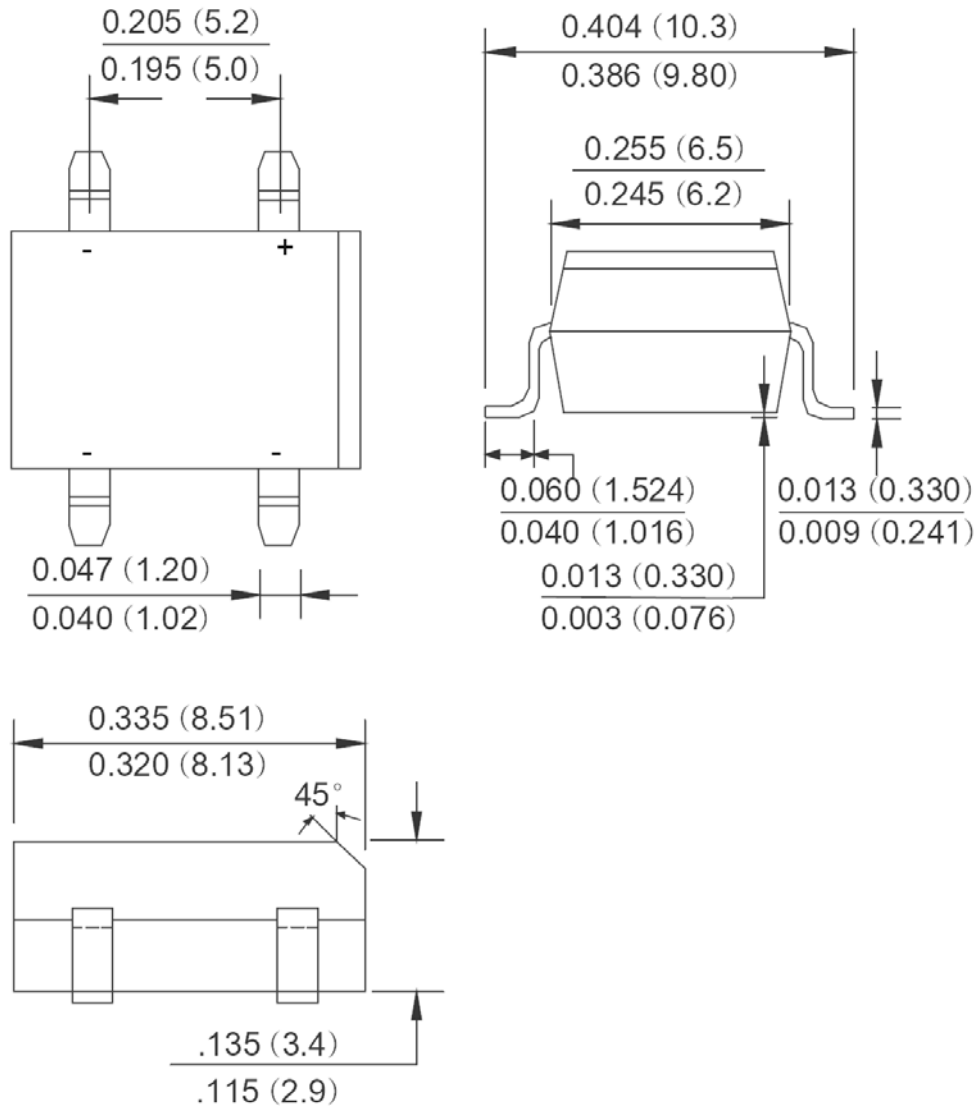
RATINGS AND CHARACTERISTIC CURVES DB201S THRU DB207S





Package Dimension

SDIP/DBS



Dimensions in inches and (millimeters)

