ELECTRICAL CHARACTERISTICS (T_A = 25 °C unless otherwise noted)									
PARAMETER	**TEST CONDITIONS**		**SYMBOL**	**SB320A**	**SB330A**	**SB340A**	**SB350A**	**SB360A**	**UNIT**
Maximum instantaneous forward voltage	3.0 A		V_F (1)	0.50			0.70		V
Maximum reverse current at rated V_R		T_A = 25 °C	I_R (2)	0.5					mA
		T_A = 100 °C		20			10		

Notes

(1) Pulse test: 300 µs pulse width, 1 % duty cycle

(2) Pulse test: Pulse width ≤ 40 ms

THERMAL CHARACTERISTICS (T_A = 25 °C unless otherwise noted)								
PARAMETER	**SYMBOL**	**SB320A**	**SB330A**	**SB340A**	**SB350A**	**SB360A**	**UNIT**
Typical thermal resistance	$R_{\theta JA}$ (1)	40					°C/W
	$R_{\theta JL}$ (1)	12					

Note

(1) Thermal resistance from junction to lead vertical P.C.B. mounting, 0.500" (12.7 mm) lead length with 2.5" x 2.5" (63.5 mm x 63.5 mm) copper pad

ORDERING INFORMATION (Example)				
PREFERRED P/N	**UNIT WEIGHT (g)**	**PREFERRED PACKAGE CODE**	**BASE QUANTITY**	**DELIVERY MODE**
SB340A-E3/54	1.077	54	1400	13" diameter paper tape and reel
SB340A-E3/73	1.077	73	1000	Ammo pack packaging

RATINGS AND CHARACTERISTICS CURVES

(T_A = 25 °C unless otherwise noted)

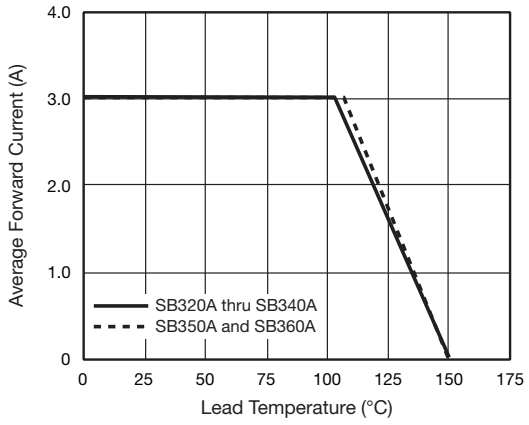

Fig. 1 - Forward Current Derating Curve

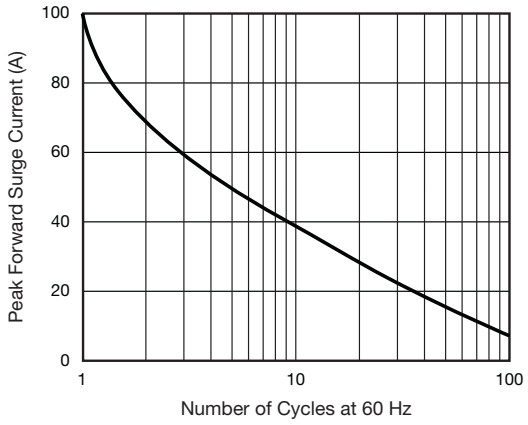

Fig. 2 - Forward Current Derating Curve

For technical questions within your region, please contact one of the following:
DiodesAmericas@vishay.com, DiodesAsia@vishay.com, DiodesEurope@vishay.com

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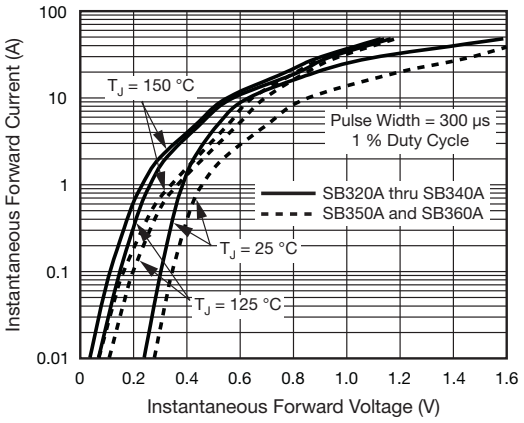


Fig. 3 - Typical Instantaneous Forward Characteristics

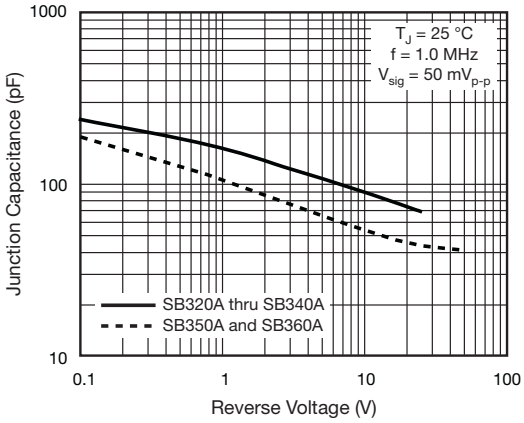


Fig. 5 - Typical Junction Capacitance

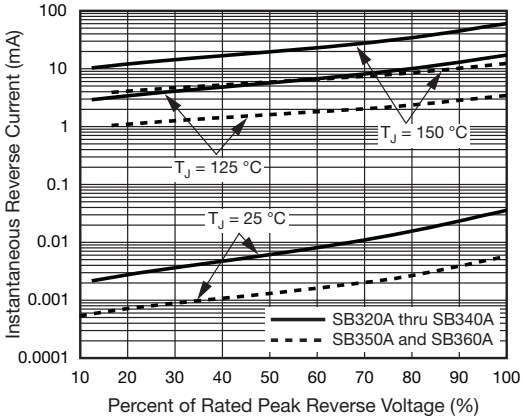


Fig. 4 - Typical Reverse Characteristics

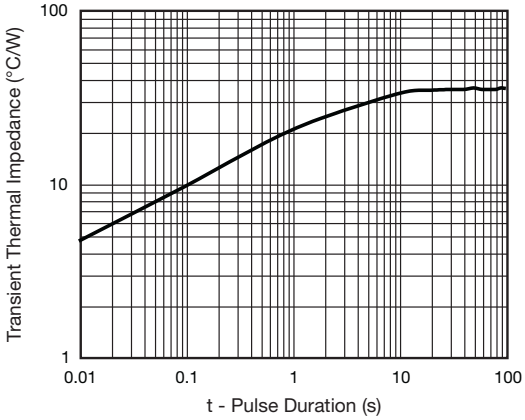
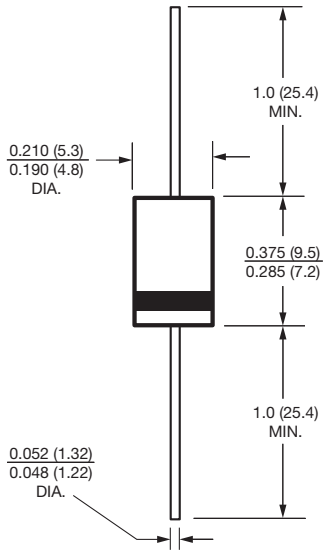


Fig. 6 - Typical Transient Thermal Impedance

PACKAGE OUTLINE DIMENSIONS in inches (millimeters)

DO-201AD



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