

自主封測 品質把控 售後保障

WEB | WWW.TDSEMIC.COM



電源管理



顯示驅動



二三極管



LDO穩壓器



觸摸芯片



MOS管



運算放大器



存儲芯片



MCU



串口通信

B340A

產品規格說明書

B340A General Purpose Rectifier Diodes

Features

- ◆ The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- ◆ For surface mounted applications
- ◆ Ultra fast switching for high efficiency
- ◆ Low reverse leakage
- ◆ Built-in strain relief, ideal for automated placement
- ◆ High forward surge current capability
- ◆ High temperature soldering guaranteed
250 °C/10 seconds at terminals

SMA



Package Marking and Ordering Information

Product ID	Pack	Marking	Qty(PCS)
B340A	SMA	B3★	2000

★:From 20A-100A

Maxmim Ratings (Ta=25°C unless otherwise noted)

Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.

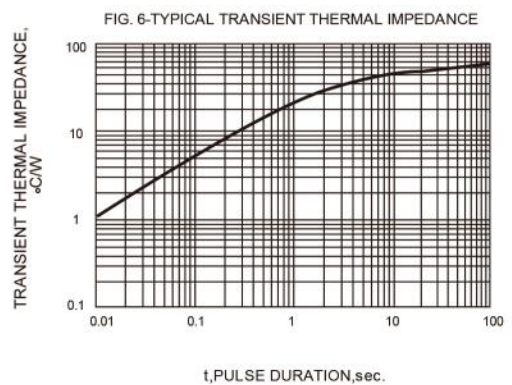
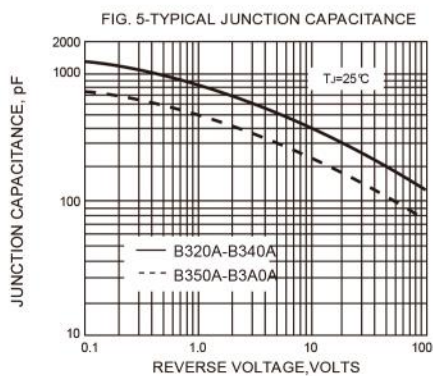
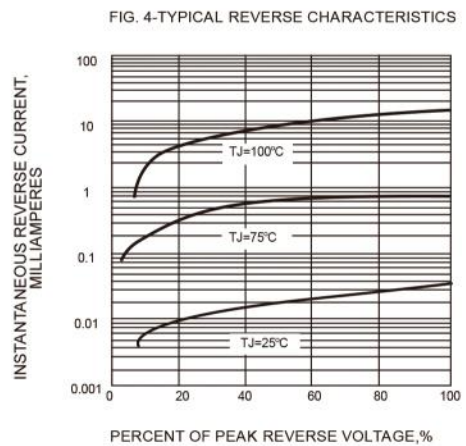
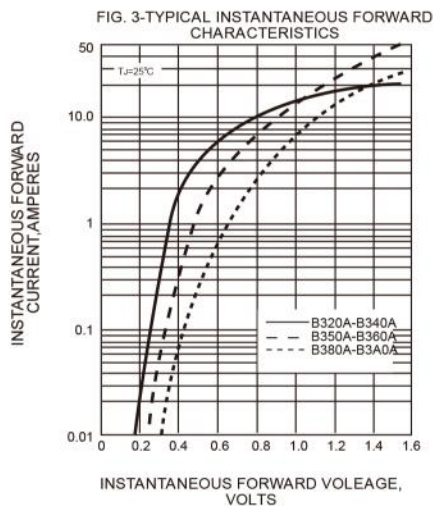
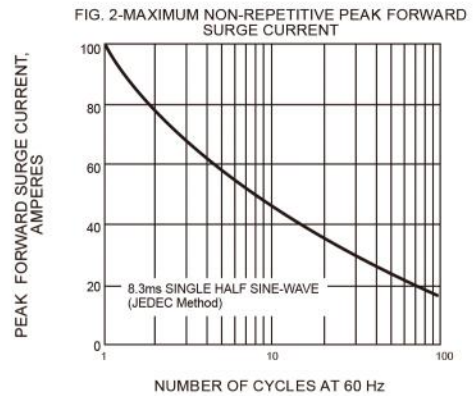
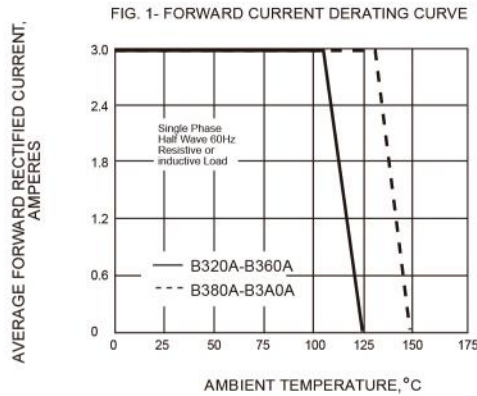
Parameter		SYMBOLS	B320A	B330A	B340A	B350A	B360A	B380A	B3100A	UNITS
Marking Code										
Maximum repetitive peak reverse voltage		V_{RRM}	20	30	40	50	60	80	100	V
Maximum RMS voltage		V_{RMS}	14	21	28	35	42	56	70	V
Maximum DC blocking voltage		V_{DC}	20	30	40	50	60	80	100	V
Maximum average forward rectified current at $T_L=55^{\circ}C$		$I_{(AV)}$	3.0							A
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)		I_{FSM}	100							A
Maximum instantaneous forward voltage at 3.0A		V_F	0.55			0.70		0.85		V
Maximum DC reverse current at rated DC blocking voltage		I_R	0.5							mA
			20					10		
Typical junction capacitance (NOTE 1)		C_J	500			300				pF
Typical thermal resistance (NOTE 2)		$R_{\theta JA}$	55.0							$^{\circ}C/W$
Operating junction and storage temperature range		T_J, T_{STG}	-50 to +150							$^{\circ}C$

Notes:

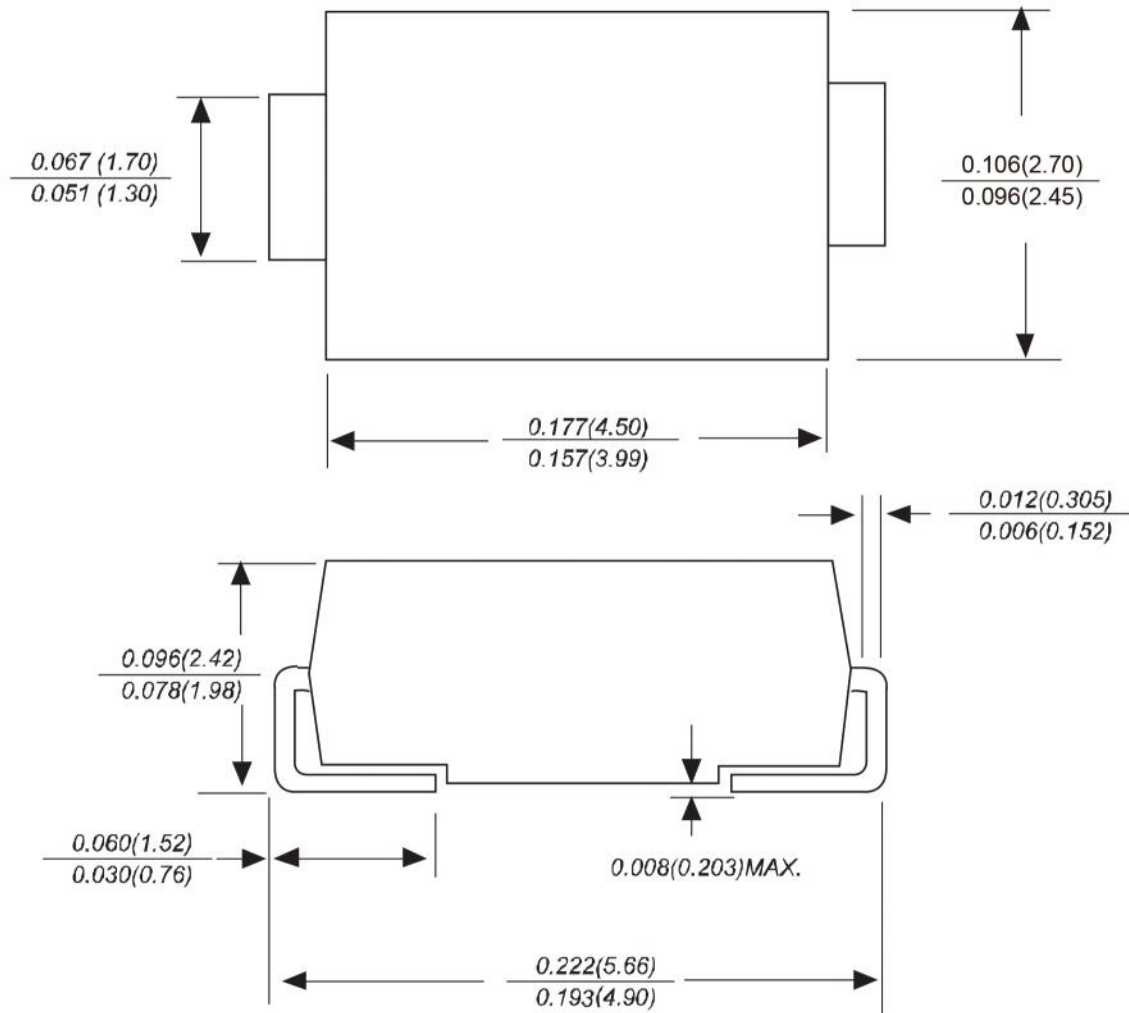
Thermal resistance from junction to ambient and from junction to lead mounted on P.C.B. with 0.2" x 0.2" (5.0 mm x 5.0 mm) copper pad areas

B340A General Purpose Rectifier Diodes

Typical Characteristics



B340A General Purpose Rectifier Diodes SMA Package Outline Dimensions



Dimensions in inches and (millimeters)