

D20SB10(RBV2002S) Thru D20SB100(RBV2007S)

FEATURES

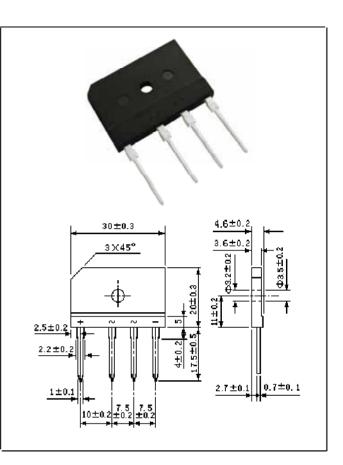
- . Plastic Package has Underwriters Laboratory Flammability Classification 94V-0
- . This series is UL listed under the Recognized

Component index,file number E231047

- . Single-in-line package
- . High current capality with small package
- . Superior thermal conductivity
- . High temperature soldering guaranted:

260°C/10 seconds

. High I_{FSM}



Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

Parameter Symbol	Symbol	D20SB10	D20SB20	D20SB40	D20SB60	D20SB80	D20SB100	Unit
			RBV2003S	RBV2004S	RBV2005S	RBV2006S	RBV2007S	
Maximum repetitive voltage	V _{RM}	100	200	400	600	800	1000	V
Maximum DC reverse current $TA=25^{\circ}C$ at rated DC blocking voltage $TA=125^{\circ}C$	I _R	5 500						μΑ
Average rectified forward current 60Hz Sine wave Resistance load with heat sink Tc=100°C	Іо	20						А
Peak forward surge current 8.3ms single half sine- wave superimposed on rated load	I _{FSM}	300						А
Dielectric strength Terminals to case, AC 1 minute Current 1mA	Vdia	2.5						KV
Maximum instantaneous forward voltage at 10A	V _F	1.1						V
Operating junction temperature	T _J	150						°C
Storage temperature	Tstg	-40~150						°C