

MAXIMUM RATINGS (At TA = 25°C unless otherwise noted)

RATINGS	SYMBOL	RB151	RB152	RB153	RB154	RB155	RB156	RB157	UNITS
Maximum Recurrent Peak Reverse Voltage	Vrrm	50	100	200	400	600	800	1000	Volts
Maximum RMS Bridge Input Voltage	Vrms	35	70	140	280	420	560	700	Volts
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	Volts
Maximum Average Forward Output Current at TA = 25°C	lo	1.5							Amps
Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	IFSM	50						Amps	
Operating Temperature Range	TJ	-55 to + 125							٥C
Storage Temperature Range	Тѕтс	-55 to + 150							٥C

ELECTRICAL CHARACTERISTICS (At TA = 25°C unless otherwise noted)

CHARACTERISTICS		SYMBOL	RB151	RB152	RB153	RB154	RB155	RB156	RB157	UNITS
Maximum Forward Voltage Drop per Bridge Element at 1.0A DC		Vf	1.0							Volts
DC Blocking Voltage per element	@TA = 100°C	lr lr	1							mAmps

RATING AND CHARACTERISTIC CURVES (RB151 THRU RB157)

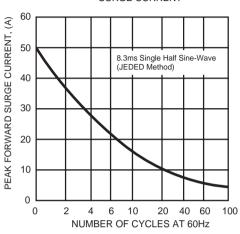
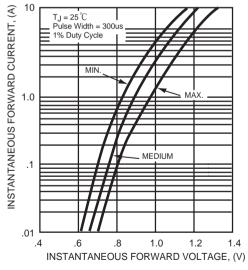


FIG. 1 - MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT





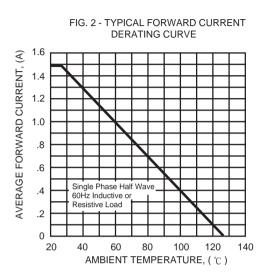


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS

