

			2300377	230100	230211	230477	230000	230000	201000	
		SYMBOL	MB2505W	MB251W	MB252W	MB254W	MB256W	MB258W	MB2510W	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 Rectified Output Current at Tc = 55°C		lo	25							Amps
Peak Forward Surge Current 8.3 ms single half sine-wave		IFSM	400							Amps
superimposed on rated load (JEDEC Method)										
Maximum Forward Voltage Drop per element at 12.5A DC		VF	1.1							Volts
Maximum DC Reverse Current at Rated	@TA = 25°C	IR	10							uAmps
DC Blocking Voltage per element	@T <sub>A</sub> = 100°C		500							
I <sup>2</sup> t Rating for Fusing (t<8.3ms)		l <sup>2</sup> t	374							A <sup>2</sup> Sec
Typical Junction Capacitance (Note1)		CJ	300							pF
Typical Thermal Resistance (Note 2)		RθJC	2.5							°C/W
Operating and Storage Temperature Range		TJ,TSTG	-55 to + 150							° C

NOTES : 1.Measured at 1 MHz and applied reverse voltage of 4.0 volts

2. Thermal Resistance from Junction to Case per leg.

