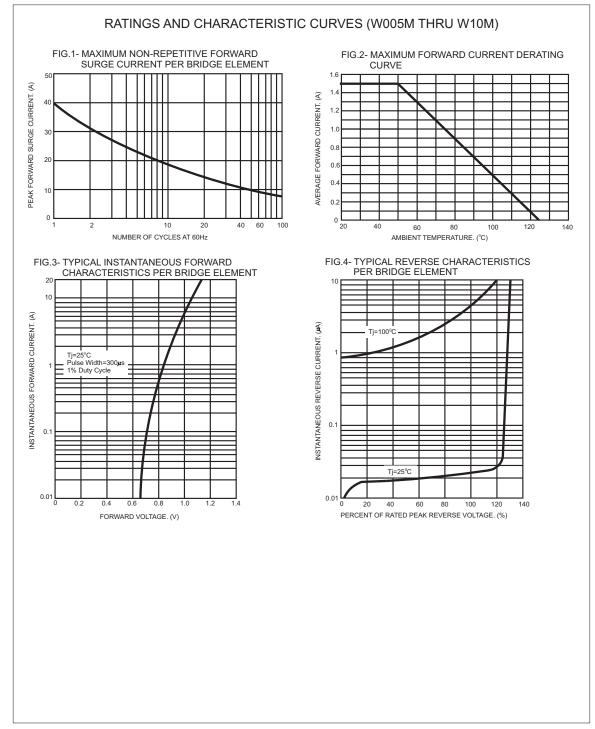


Type Number	Symbol	W005M	W01M	W02M	W04M	W06M	W08M	W10M	Units
Maximum Recurrent Peak Reverse Voltage	V <sub>RRM</sub>	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	V <sub>RMS</sub>	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V <sub>DC</sub>	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current $@T_A = 50^{\circ}C$	I <sub>(AV)</sub>	1.5							А
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I <sub>FSM</sub>	40							А
Maximum Instantaneous Forward Voltage @ 1.5A	VF	1.0							V
Maximum DC Reverse Current @ T_=25 $^\circ\!C$ at Rated DC Blocking Voltage @ T_=100 $^\circ\!C$	I <sub>R</sub>	10 500							uA uA
Typical thermal Resistance (Note)	$R heta_{JA}$ $R heta_{JL}$	36 13							<b>C</b> /W
Operating Temperature Range	TJ	-55 to +125							C
Storage Temperature Range	T <sub>STG</sub>	-55 to +150							C

Note: Thermal Resistance from Juncton to Ambient and from Junction to Lead Mounted on P.C.B. At 0.375" (9.5mm) Lead Lengths with 0.4 x 0.4" (10 x 10mm) Copper Pads.





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