

SUW



新威電子公司
Sun Wai Electronic Company

T-23-05

九龍土瓜灣道三二一號捷通大廈四樓三一八及三一九室

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DI-8

SILICON BRIDGE RECTIFIERS

The plastic material used in the bridges of 0.5 to 8 ampere rating carries U.L. recognition

For Capacitance Load Derate Current by 20%

Individual Technical Data Sheets Giving Rating and Characteristic Curves are Available

OPERATIONAL TEMPERATURE RANGE -55 to 125 C
STORAGE TEMPERATURE RANGE 55 to 150 C

Type	PRV	Max Avg Rect Current @ Half-Wave Res Load 60Hz		Max Fwd Peak Surge Current 1 ~ 60Hz Superimposed	Max Reverse Current @ PRV Voltage @ 25°C TA	Max Fwd Voltage @ 25°C TA		Avalanche Breakdown Voltage		Max Rev Recovery Time
		IO	TA			IFM	VFM	MIN	MAX	
	Vpk	AAV	°C	Apk	μAvc	Apk	Vpk	Vpk		μs

1 AMPERE/DF-M

OPERATIONAL TEMPERATURE RANGE -55 to 150 C
STORAGE TEMPERATURE RANGE 55 to 150 C

DF005M	50	1.0	40	50	3.0	1.0	1.1		
DF01M	100	1.0	40	50	3.0	1.0	1.1		
DF02M	200	1.0	40	50	3.0	1.0	1.1		
DF04M	400	1.0	40	50	3.0	1.0	1.1		
DF06M	600	1.0	40	50	3.0	1.0	1.1		
DF08M	800	1.0	40	50	3.0	1.0	1.1		
DF10M	1000	1.0	40	50	3.0	1.0	1.1		



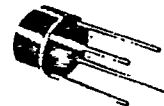
1 AMPERE/WL OUTLINE

WL005M	50	1.0	50	30	10	1.0	1.2		
WL01M	100	1.0	50	30	10	1.0	1.2		
WL02M	200	1.0	50	30	10	1.0	1.2		
WL04M	400	1.0	50	30	10	1.0	1.2		
WL06M	600	1.0	50	30	10	1.0	1.2		
WL08M	800	1.0	50	30	10	1.0	1.2		
WL10M	1000	1.0	50	30	10	1.0	1.2		



1.5 AMPERE/WM OUTLINE

W005M	50	1.5	25	50	10	1.0	1.0		
W01M	100	1.5	25	50	10	1.0	1.0		
W02M	200	1.5	25	50	10	1.0	1.0		
W04M	400	1.5	25	50	10	1.0	1.0		
W06M	600	1.5	25	50	10	1.0	1.0		
W08M	800	1.5	25	50	10	1.0	1.0		
W10M	1000	1.5	25	50	10	1.0	1.0		



AVALANCHE TYPE

AW02M	200	1.5	25	50	10	1.0	1.0	250	700
AW04M	400	1.5	25	50	10	1.0	1.0	450	900
AW06M	600	1.5	25	50	10	1.0	1.0	650	1100
AW08M	800	1.5	25	50	10	1.0	1.0	850	1300

FAST-SWITCHING TYPE

RW005M	50	1.5	25	50	10	1.0	1.3		200
RW01M	100	1.5	25	50	10	1.0	1.3		200
RW02M	200	1.5	25	50	10	1.0	1.3		200
RW04M	400	1.5	25	50	10	1.0	1.3		200
RW06M	600	1.5	25	50	10	1.0	1.3		350
RW08M	800	1.5	25	50	10	1.0	1.3		350
RW10M	1000	1.5	25	50	10	1.0	1.3		500