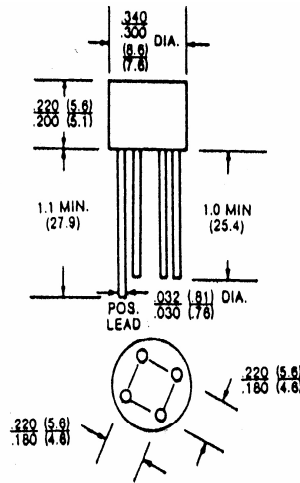


## Silicon Bridge Rectifier Fast Recovery



| Type    | PIV             | Max. Average Rectified Current @ Half-Wave Res. Load 60 Hz |                | Max. Forward Peak Surge Current @ 60 Hz Superimposed | Max. Reverse Current @ PIV Voltage @ 25° C Ta | Max. Forward Voltage @ 25° C Ta |                 | Max. Reverse Recovery Time |
|---------|-----------------|--|----------------|--|---|---------------------------------|-----------------|----------------------------|
|         |                 | I <sub>o</sub> @   | T <sub>a</sub> |  |   | I <sub>fm</sub>                 | V <sub>fm</sub> |                            |
|         | V <sub>pk</sub> | A <sub>av</sub>  | 25° C          | IFM (Surge)  | I <sub>r</sub>                                | I <sub>fm</sub>                 | V <sub>fm</sub> | T <sub>rr</sub>            |
|         |                 |  |                | APK  | u ADC   | A <sub>pk</sub>                 | V <sub>pk</sub> | Nsec                       |
| RW 005M | 50              | 1.5  | 25° C          | 50   | 10  | 1.0                             | 1.3             | 200                        |
| RW02M   | 200             | 1.5  | 25° C          | 50   | 10  | 1.0                             | 1.3             | 200                        |
| RW04M   | 400             | 1.5  | 25° C          | 50   | 10  | 1.0                             | 1.3             | 200                        |
| RW06M   | 600             | 1.5  | 25° C          | 50   | 10  | 1.0                             | 1.3             | 350                        |
| RW08M   | 800             | 1.5  | 25° C          | 50   | 10  | 1.0                             | 1.3             | 350                        |
| RW10M   | 1000            | 1.5  | 25° C          | 50   | 10  | 1.0                             | 1.3             | 500                        |

NOTES: REVERSE RECOVERY TEST CONDITIONS: I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1.0A RECOVER TO 25 MA.

OPERATING TEMPERATURE RANGE: -55° C TO +125° C

STORAGE TEMPERATURE RANGE: -55° C TO +150° C

FOR CAPACITANCE LOAD DERATE CURRENT BY 20%

INDIVIDUAL TECHNICAL DATA SHEETS GIVING RATING AND CHARACTERISTIC CURVES ARE AVAILABLE

THE PLASTIC MATERIAL USED IN THE BRIDGES OF 0.5 TO 8 AMPERE RATING CARRIES U/L RECOGNITION 94 V-0

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