

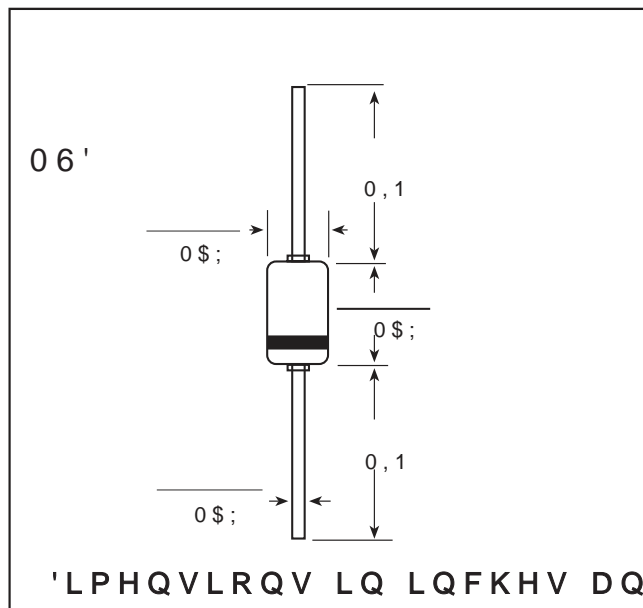
'2 6PDOO 6LJQDO 6ZLWFKLQJ 'LRGHV

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 " \* O D V V V H D O H G H Q Y H O R S H  
 " + L J K U H O L D E L O L W \

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"Case: DO-35, glass case

"Polarity: Color band  
 denotes cathode



# f & \$ P E L H G W S H U D X Q O R H W K H U Z L W H G

|  |             | 1SS131          | UNITS      |
|--|-------------|-----------------|------------|
| Maximum DC reverse voltage   | $V_R$       | 80              | V          |
| Maximum recurrent reverse voltage  | $V_{RM}$    | 90              | V          |
| Power dissipation  | $P_{tot}$   | 300             | mW         |
| Maximum average forward rectified current  | $I_{F(AV)}$ | 130             | mA         |
| Peak forward surge current<br>8.3ms single half-sine-wave<br>superimposed on rated load        | $I_{FSM}$   | 400             | mA         |
| Maximum instantaneous forward voltage<br>@ 100mA   | $V_F$       | 1.2             | V          |
| Maximum reverse current @ $T_A=25^\circ C$<br>at rated DC blocking voltage @ $T_A=150^\circ C$ | $I_R$       | 0.5<br>50       | A          |
| Reverse recovery time @ $I_F=10mA, V_R=6V, R_L=50\Omega$                                       | $t_{rr}$    | 4.0             | ns         |
| Operating junction temperature range   | $T_J$       | - 55 ---- + 175 | $^\circ C$ |
| Storage temperature range  | $T_{STG}$   | - 55 ---- + 175 | $^\circ C$ |

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