

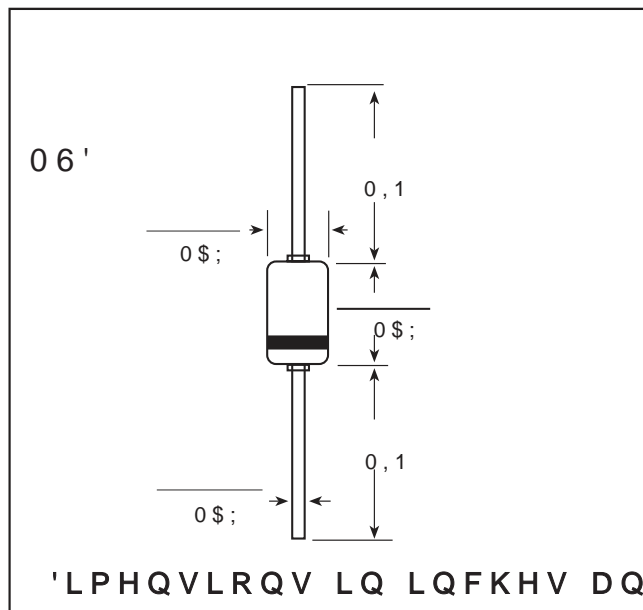
'2 6PDOO 6LJQDO 6ZLWFKLQJ 'LRGHV

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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 Q U 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 8.3ms single half-sine-wave superimposed on rated load	$I_{FSM}$	400	mA
Maximum instantaneous forward voltage @ 100mA	$V_F$	1.2	V
Maximum reverse current @ $T_A=25^\circ C$ at rated DC blocking voltage @ $T_A=150^\circ C$	$I_R$	0.5 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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