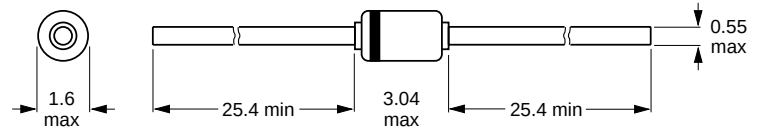


Features

- High reliability.
- High speed. ($t_{rr}=2.0\text{ns Max.}$)
- Silicon epitaxial planar
- Marking : Cathode band and type number



Mechanical Data

- **Case:** DO-34 Glass Case

DO-34

Maximum Ratings and Electrical Characteristics @ $T_A = 25^\circ\text{C}$ unless otherwise specified

Symbol	Rating	Rating		Unit
V_{RM}	Peak Reverse Voltage	75		V
V_R	DC Reverse Voltage	65		V
I_{FM}	Peak Forward Current	600		mA
I_O	Mean Rectifying Current	200		mA
I_{surge}	Surge Current (1 μ s)	4.0		A
T_J	Operating Junction Temperature	-55 to +150		$^\circ\text{C}$
T_{STG}	Storage Temperature	-55 to +150		$^\circ\text{C}$
Symbol	Parameter	Min	Max	Units
V_F	Forward Voltage ($I_F=100\text{mA}$)	---	1.0	Vdc
I_R	Reverse Current ($V_R=65\text{Vdc}$)	---	0.5	μA
C_T	Capacitance Between Terminals ($V_R=0$, $f=1.0\text{MHz}$)	---	3.0	pF
t_{rr}	Reverse Recovery Time ($V_R=6.0\text{Vdc}$, $I_F=10\text{mA}$)	---	2.0	ns