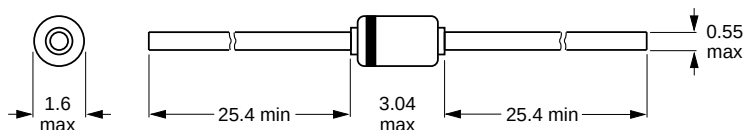


Features

- High switching speed: max. 4 ns
- Continuous reverse voltage: max. 75 V
- Repetitive peak reverse voltage: max. 100 V
- Pb / RoHS Free



Mechanical Data

- **Case:** DO-34 Glass Case
- **Weight:** approx. 0.093g

DO-34

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

Parameter			Symbol	Value			Unit	
Maximum Repetitive Peak Reverse Voltage			V _{RRM}	100			V	
Maximum Continuous Reverse Voltage			V _{RM}	75			V	
Maximum Average Forward Current			I _F	130			mA	
Maximum Peak Forward Current			I _{FM}	400			mA	
Maximum Power Dissipation			P _D	300			mW	
Maximum Non-repetitive Peak Forward Current			I _{FSM}	600			mA	
Maximum Junction Temperature			T _J	175			°C	
Storage Temperature Range			T _S	-65 to + 175			°C	
Parameter		Symbol	Test Condition		Min.	Typ.	Max.	Unit
Reverse Current		I _R	V _R = 20 V		-	-	0.5	μA
Forward Voltage		V _F	I _F = 10 mA		-	-	1.0	V
Capacitance between terminals		C _T	f = 1MHz ; V _R = 0 V		-	-	4.0	pF
Reverse Recovery Time		T _{rr}	I _F = 10 mA , V _R = 6 V R _L = 50 Ω		-	-	4.0	ns

FIG.1 - DERATING CURVE FOR OUTPUT RECTIFIED CURRENT

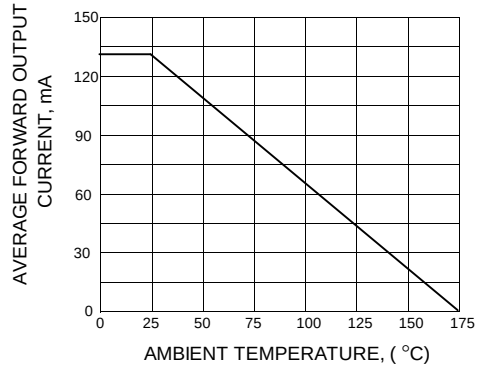


FIG.2 - POWER DERATING CURVE

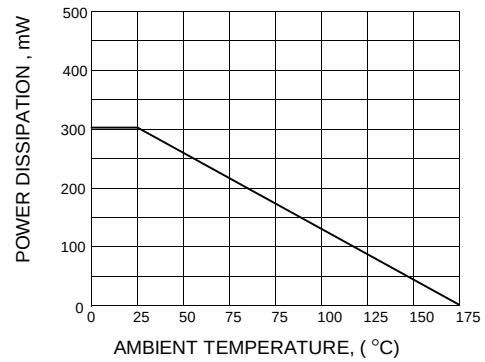


FIG.3 - TYPICAL FORWARD CHARACTERISTICS

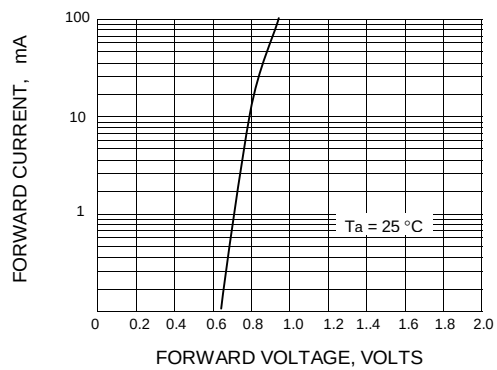


FIG.4 - TYPICAL REVERSE CHARACTERISTICS

