

NTE600 Silicon Varistor Temperature Compensating Diode

Features:

- Temperature Compensation Applications
- Bias Compensation Applications
- Hermetically Sealed Miniature Glass Package

Absolute Maximum Ratings:

Continuous Reverse Voltage, V_R 5V
 Peak Forward Current, I_{FM} 150mA
 Average Forward Current, I_{FAV} 50mA
 Operating Junction Temperature, T_j +150°C
 Storage Temperature Range, T_{stg} -55° to 150°C

Electrical Characteristics: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Continuous Forward Voltage	V_F	$I_F = 3\text{mA}$	0.595	0.620	0.645	V
Maximum DC Reverse Current	I_R	$V_R = 5\text{V}$	–	–	10	μA
	ΔV_F	$I_F = 3\text{mA}$	–	-2.1	–	$\text{mV}/^\circ\text{C}$

