

NTE110MP Germanium Diode Point Contact Diode (Matched Pair)

Description:

The NTE110MP is a matched pair (2) of germanium diodes designed for use in detector circuits of radios, televisions, stereos, and switching applications.

Absolute Maximum Ratings:

Peak Reverse Voltage, P_{RV}	75V
Average Forward Current, $I_{F(AV)}$	50mA
Peak Forward Current, $I_{F(Peak)}$	150mA
Surge Current (1sec), I_{FSM}	500mA
Operating Junction Temperature, T_J	+70°C
Storage Temperature Range, T_{stg}	-55° to +70°C

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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F = 9\text{mA}$	1	-	-	V
Reverse Leakage Current	I_R	$V_R = 10\text{V}$	-	-	70	μA
Capacity	C_j	$V_R = 1\text{V}, f = 1\text{MHz}$	-	-	1	pF

