

## 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	$\mu\text{A}$
Capacity	$C_j$	$V_R = 1\text{V}, f = 1\text{MHz}$	-	-	1	pF

