



**ELECTRONICS, INC.**  
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## 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

