ELECTRONICS, INC.
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NTE110MP
Germanium Diode
Point Contact Diode
(Matched Pair)

Description:

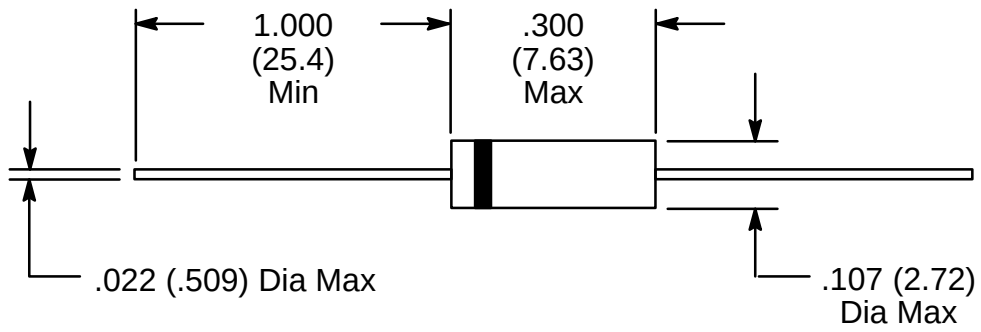
The NTE110MP is a matched pair (2) of germanium diodes designed for use in detector circuits of radios, televisions, stereos, and switching applications.

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°C unless otherwise specified)

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



Color Band Denotes Cathode