



ELECTRONICS, INC.
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NTE15005E thru NTE15023E Integrated Circuit Protector

Description:

The IC Protector (ICP) is an overcurrent protection device having stable and high-speed circuit tripping characteristics which enables these devices to shut off the circuit quickly and safely. This quick shut-off response protects valuable semiconductor devices and circuits from common load short-circuit failures.

Features:

- Precise and extremely stable cut-off characteristics
- Small internal resistance with low voltage drop
- Nonflammable
- Compact

Applications:

- Overcurrent protection

Electrical Characteristics:

| NTE Type Number | Diagram Number | Case Style | Maximum Rated Voltage (Volts) | Maximum Rated Current (Amps) | Typical Internal Resistance (Ω) | Operating Temperature ($^{\circ}\text{C}$) | Storage Temperature ($^{\circ}\text{C}$) |
|-----------------|----------------|------------|-------------------------------|------------------------------|--|--|--|
| | | | | | | T_{opr} | T_{stg} |
| 15005E | 480 | "F" Type | 50 | 0.4 | 0.220 | -55 to +125 | -55 to +125 |
| 15006E | 480 | "F" Type | 50 | 0.6 | 0.135 | -55 to +125 | -55 to +125 |
| 15007E | 480 | "F" Type | 50 | 0.8 | 0.100 | -55 to +125 | -55 to +125 |
| 15008E | 480 | "F" Type | 50 | 1.0 | 0.070 | -55 to +125 | -55 to +125 |
| 15009E | 480 | "F" Type | 50 | 1.5 | 0.042 | -55 to +125 | -55 to +125 |
| 15019E | 481 | "N" Type | 50 | 0.25 | 0.350 | -55 to +125 | -55 to +125 |
| 15020E | 481 | "N" Type | 50 | 0.4 | 0.220 | -55 to +125 | -55 to +125 |
| 15021E | 481 | "N" Type | 50 | 0.6 | 0.135 | -55 to +125 | -55 to +125 |
| 15022E | 481 | "N" Type | 50 | 0.8 | 0.100 | -55 to +125 | -55 to +125 |
| 15023E | 481 | "N" Type | 50 | 1.0 | 0.070 | -55 to +125 | -55 to +125 |

Diagram480
("F" Type)

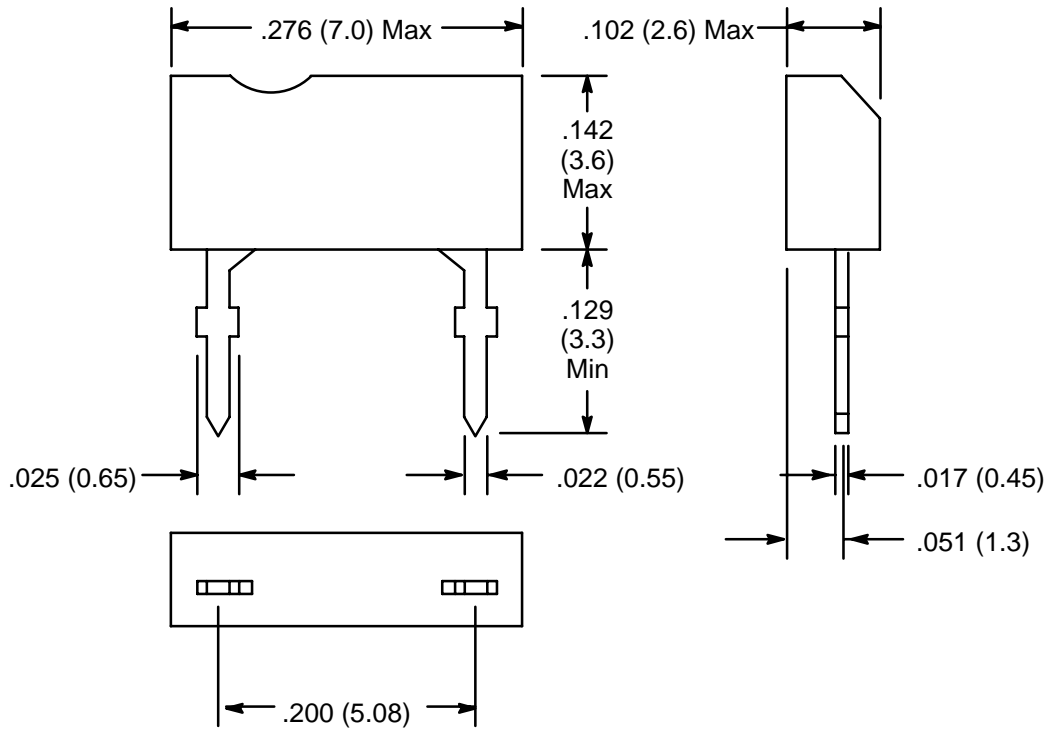


Diagram481
("N" Type)

