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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:

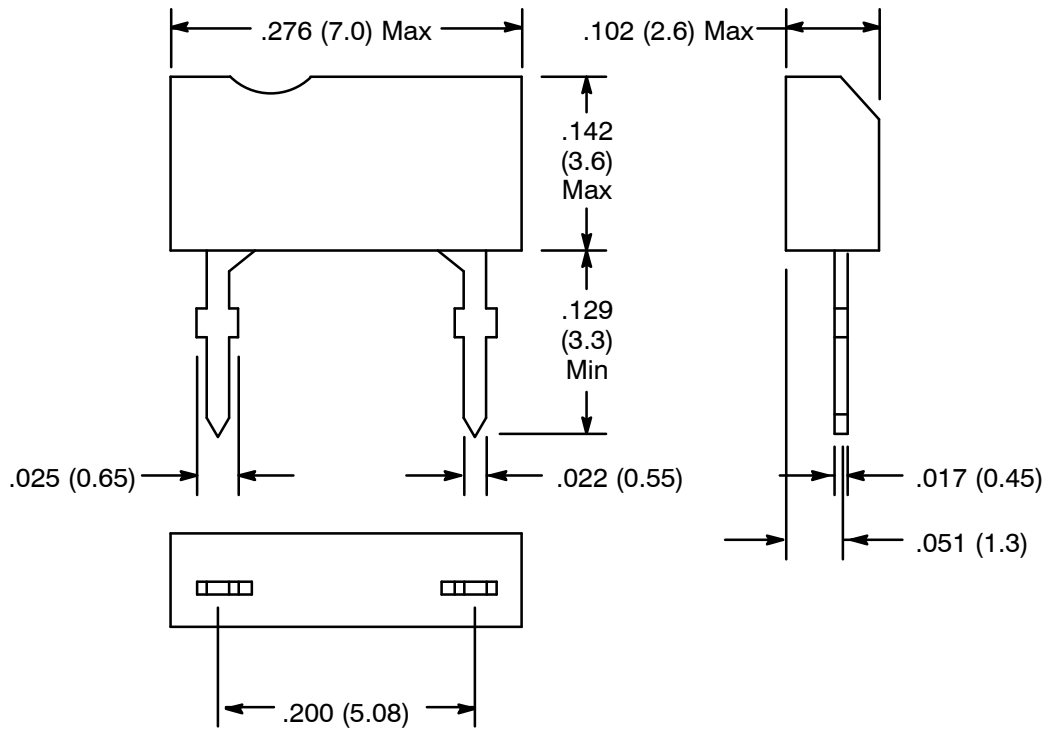
- Overcurrent protection

### Electrical Characteristics:

NTE Type Number	Diagram Number	Case Style	Maximum Rated Voltage (Volts)	Maximum Rated Current (Amps)	Typical Internal Resistance ( $\Omega$ )	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

Note 1. **NTE15008E** is a **discontinued** device and **no longer available**.

**Diagram480**  
("F" Type)



**Diagram481**  
("N" Type)

