

# PCT

## Time-Delay PC Mount Fuses

### MIDGET, PC MOUNT & MINIATURE FUSES

## TIME-DELAY FUSES FOR DIRECT MOUNTING ON PRINTED CIRCUIT BOARDS

MF



Mersen's PCT series of time-delay, direct-mountable fuses addresses the increasing need for electrical protection at the PC board as current and voltage requirements push higher. These fuses help printed circuit board manufacturers reduce parts by eliminating clips and fuse blocks and allowing automated assembly. PCT fuses can be used for the protection of main frame power boards, small circuit breakers with low interrupting ratings and other components. PCT fuses bring protection with time-delay, greatly increased ampere, voltage and interrupting ratings to the board itself and are UL Component Recognized.

### CATALOG NUMBERS (AMPS)

Slot Mount		Double Hole Mount		Surface Mount	
PCT1-R	PCT8-R	PCT1-H	PCT8-H	PCT1-S	PCT8-S
PCT2-R	PCT10-R	PCT2-H	PCT10-H	PCT2-S	PCT10-S
PCT3-R	PCT12-R	PCT3-H	PCT12-H	PCT3-S	PCT12-S
PCT4-R	PCT15-R	PCT4-H	PCT15-H	PCT4-S	PCT15-S
PCT5-R	PCT20-R	PCT5-H	PCT20-H	PCT5-S	PCT20-S
PCT6-R	PCT25-R	PCT6-H	PCT25-H	PCT6-S	PCT25-S
PCT7-R	PCT30-R	PCT7-H	PCT30-H	PCT7-S	PCT30-S

Dimensions of the PCT Series are found on page C14

### RATINGS:

- **Volts:** 500VAC
- **Amps:** 1 to 30A
- **I.R.:** 100kA I.R.

### HIGHLIGHTS:

- Time-delay
- PC board mount
- Three mounting styles

### APPLICATIONS:

- Protection of main frame power boards, circuit breakers, components

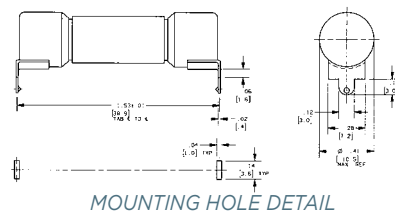
### APPROVALS:

- UL Recognized Components File E60314



## OUTLINE DIMENSIONS

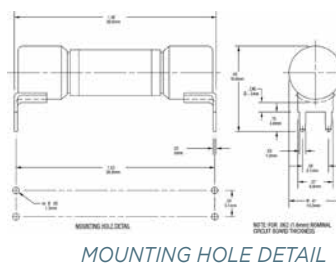
### Slot Mount (Rectangular Holes)



PCF1-R thru PCF30-R  
PCS5-R thru PCS40-R  
PCT1-R thru PCT30-R

FOR .062 (1.6) NOMINAL  
CIRCUIT BOARD  
THICKNESS

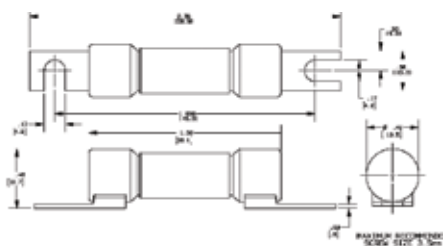
### Double Hole Mount (Round Holes)



PCF1-H thru PCF30-H  
PCS5-H thru PCS40-H  
PCT1-H thru PCT30-H

FOR .062 (1.6) NOMINAL  
CIRCUIT BOARD  
THICKNESS

### Surface (Screw) Mount



PCF1-S thru PCF30-S  
PCS5-S thru PCS40-S  
PCT1-S thru PCT30-S

MAXIMUM RECOMMENDED  
SCREW SIZE 3.5MM