

PCT Time-Delay PC Mount Fuses

Time-delay fuses for direct mounting on printed circuit boards.

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.

Highlights:

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

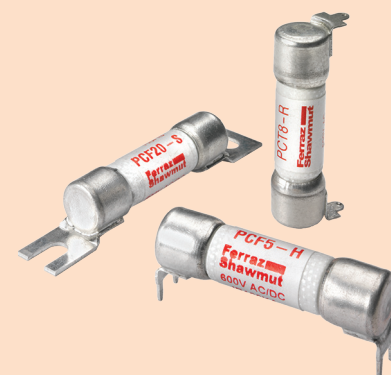
Applications:

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

Catalog Numbers (amps)

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

Approvals:

- UL Recognized Components
 File E60314



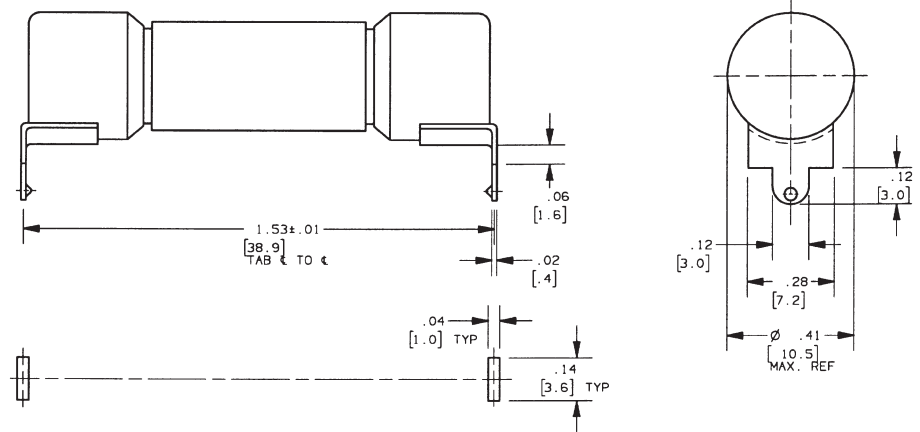
PCF/PCS/PCT Series PC Mount Fuses



Outline Dimensions

Slot Mount (Rectangular Holes)

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

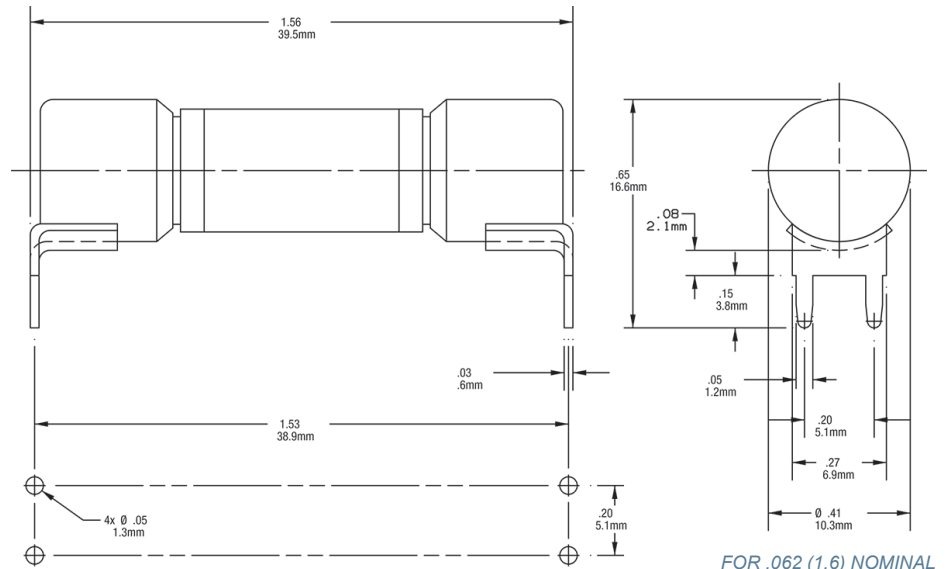


MOUNTING HOLE DETAIL

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

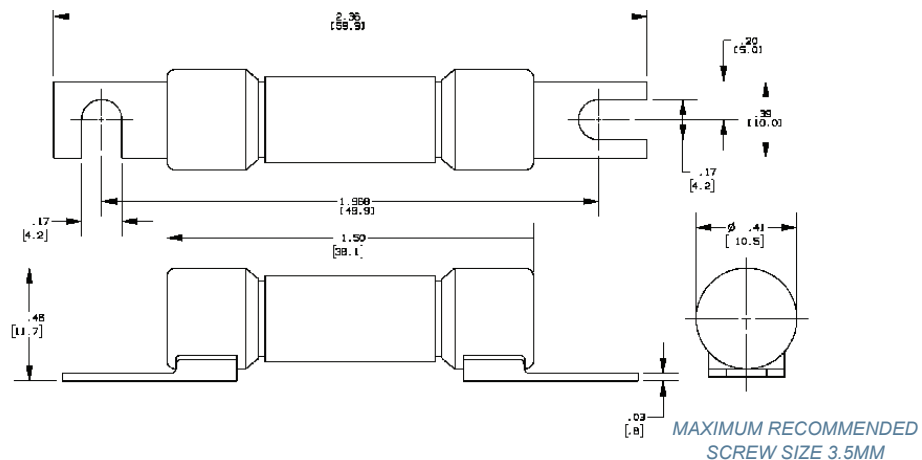


MOUNTING HOLE DETAIL

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