

# PCF Fast-Acting PC Mount Fuses

## Fast-acting fuses for direct mounting on printed circuit boards.

Mersen's PCF series of fast-acting 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. PCF fuses can be used for the protection of main frame power boards, small circuit breakers with low-interrupting ratings and other critical components. PCF fuses bring greatly-increased ampere, voltage and interrupting ratings to the board itself and are UL Component Recognized.

### Highlights:

- Fast-acting
- PC board mount
- Three mounting styles

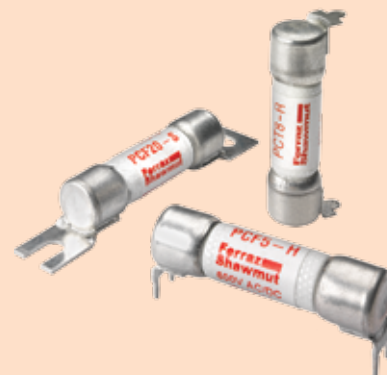
### Applications:

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

### Catalog Numbers (amps)

Slot Mount	
PCF1-R	PCF8-R
PCF2-R	PCF10-R
PCF3-R	PCF12-R
PCF4-R	PCF15-R
PCF5-R	PCF20-R
PCF6-R	PCF25-R
PCF7-R	PCF30-R
Double Hole Mount	
PCF1-H	PCF8-H
PCF2-H	PCF10-H
PCF3-H	PCF12-H
PCF4-H	PCF15-H
PCF5-H	PCF20-H
PCF6-H	PCF25-H
PCF7-H	PCF30-H
	PCF30/50-H
Surface Mount	
PCF1-S	PCF8-S
PCF2-S	PCF10-S
PCF3-S	PCF12-S
PCF4-S	PCF15-S
PCF5-S	PCF20-S
PCF6-S	PCF25-S
PCF7-S	PCF30-S

Dimensions of the PCF Series are found on page C14



### Ratings:

Volts : 600VAC / DC  
 Amps : 1 to 30A  
 I.R. : 100kA I.R.  
 L/R : ≤10ms

### Approvals:

- UL Recognized Components  
File E60314

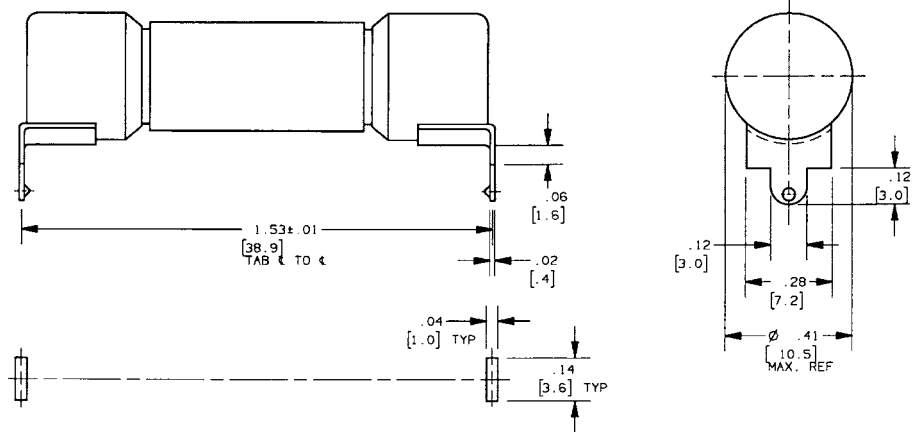


# PCF/PCS/PCT Series PC Mount Fuses

## Outline Dimensions

### Slot Mount (Rectangular Holes)

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

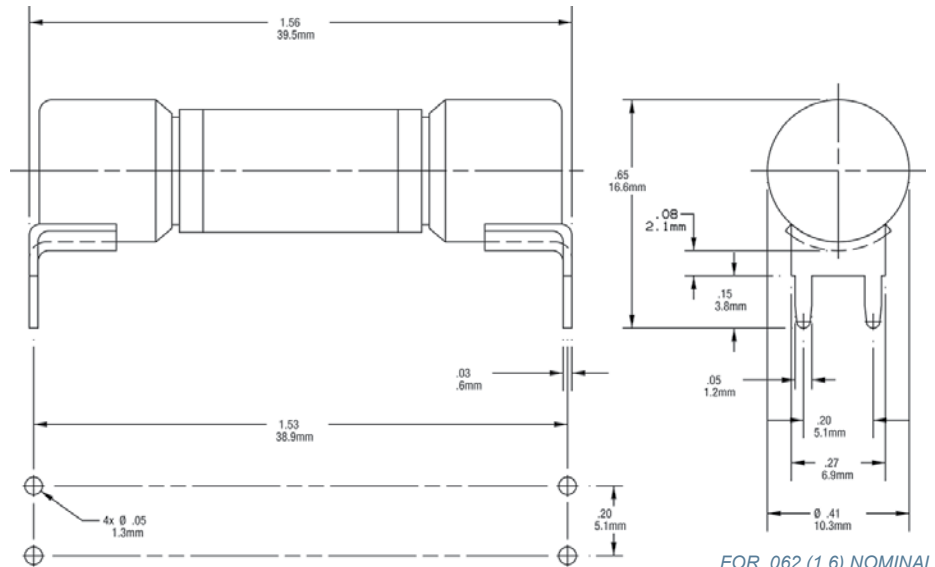


MOUNTING HOLE DETAIL

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



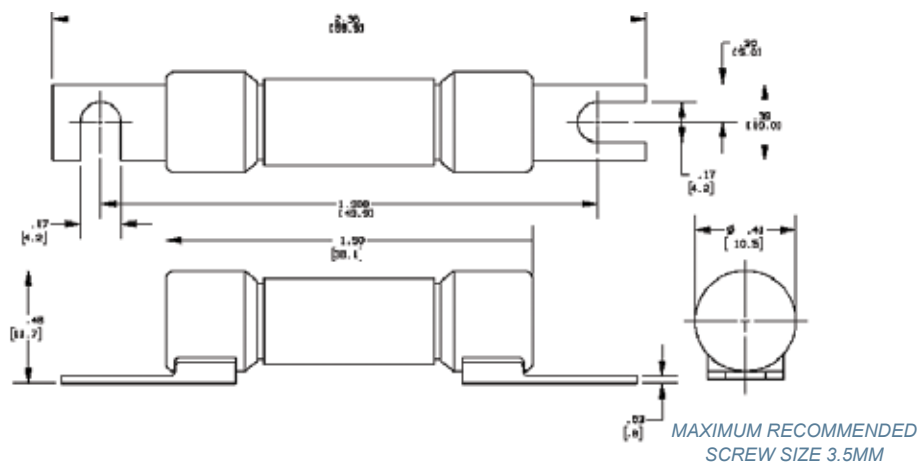
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### Surface (Screw) Mount

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



MAXIMUM RECOMMENDED  
 SCREW SIZE 3.5MM