

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

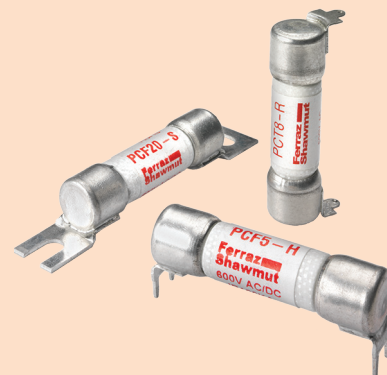
Applications:

- 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

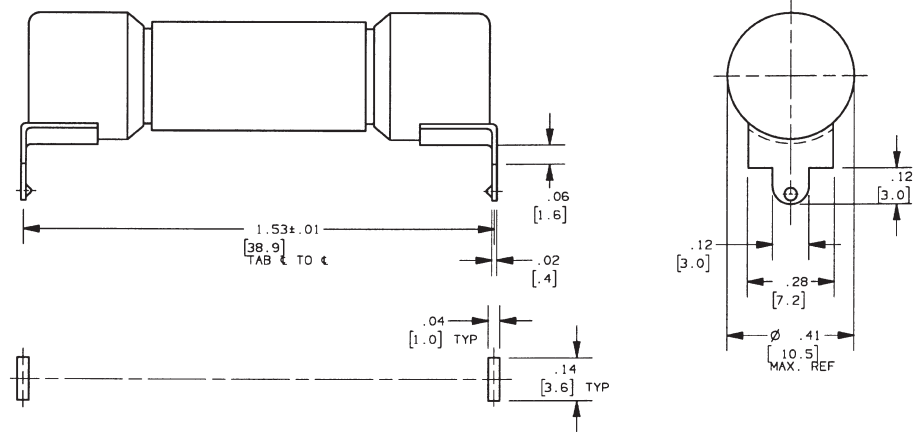


PCF/PCS/PCT Series PC Mount Fuses

Outline Dimensions

Slot Mount (Rectangular Holes)

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

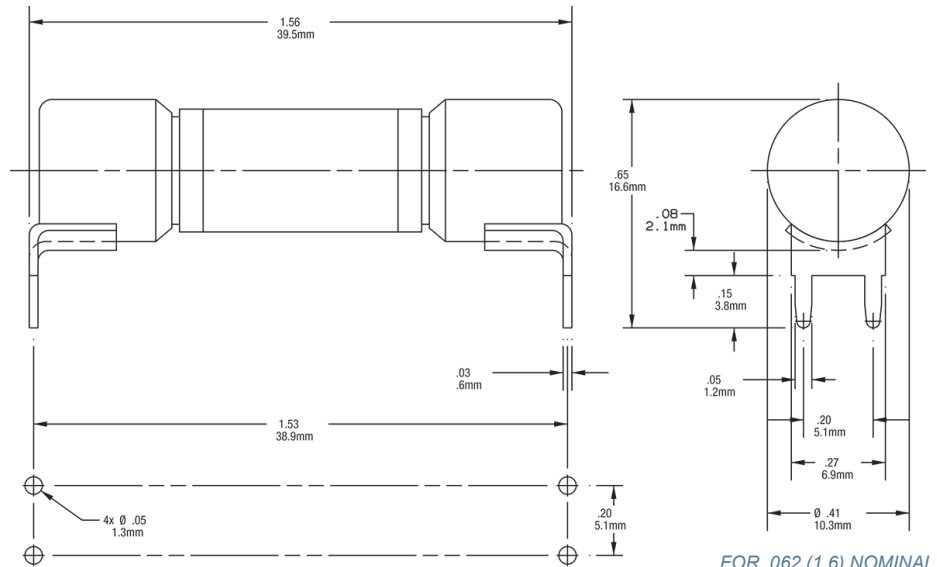


MOUNTING HOLE DETAIL

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

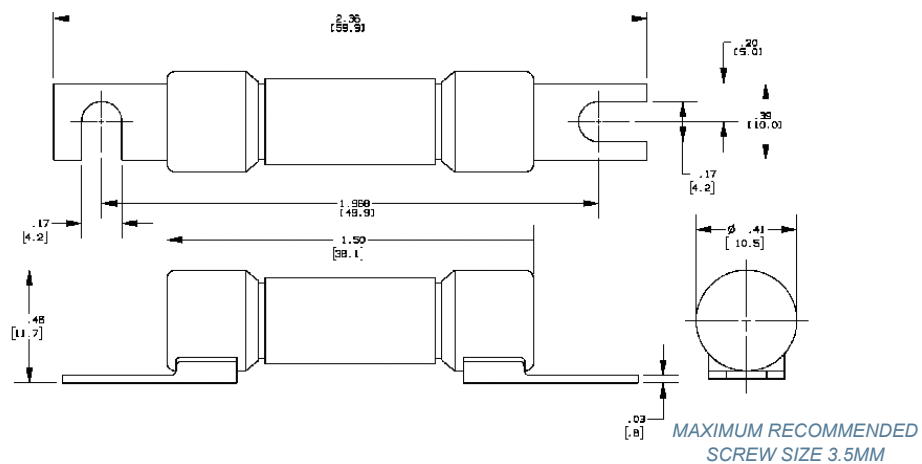


MOUNTING HOLE DETAIL

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