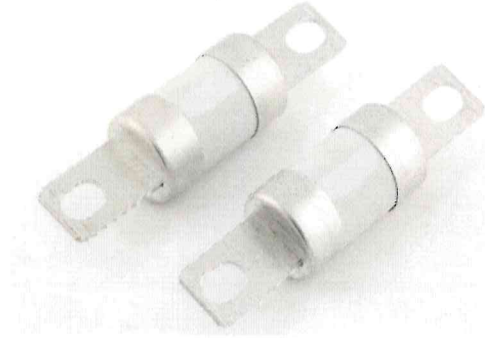




# PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : HIGH VOLTAGE AUTOMOTIVE FUSE WITH BOLT  
DOWN TYPE  $\phi$ 20.0mm MAX

PART NO: PEVFC 100 In  
(REFER TABLE)



## ELECTRICAL PARAMETERS:

RATED VOLTAGE : DC 450V  
INTERRUPTING RATING FOR 100A & 125A : 2000A @ 450V DC  
INTERRUPTING RATING FOR 150A TO 250A : 1500A @ 450V DC  
OPERATING TEMPERATURE RANGE :  $-40^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$

## MATERIAL AND FINISH

BODY : CERAMIC TUBE  
ELEMENT : COPPER,SILVER PLATED  
BOLTING TAB : COPPER,TIN PLATED  
CAP : COPPER,TIN PLATED  
COMPLIES WITH : ISO 8820-8

## PACKING DETAILS:

STANDARD : 50 OR 100 No's BOX PACKING  
CUSTOMIZED PACKING IS AVAILABLE BASED ON REQUEST



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PART NO: PEVFC 100 In  
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PART NUMBERS	CURRENT RATING (A)	BOLT SIZE	DIAMETER	TYPICAL VOLTAGE DROP @ 50% RATED CURRENT (mV)	TYPICAL COLD RESISTANCE (m $\Omega$ )
PEVFC 100 100A	100A	M6	$\phi$ 20.00	40.5 mV	0.87
PEVFC 100 125A	125A			41.5 mV	0.68
PEVFC 100 150A	150A			43.5 mV	0.58
PEVFC 100 200A	200A			45.5 mV	0.35
PEVFC 100 250A	250A			59.5 mV	0.31

MARKINGS ON THE INSULATOR SHOULD BE AS FOLLOWS:-

'AMPERAGE', 'VOLTAGE RATING' 'INTERRUPTING RATING'

AND 'PROTECTRON' (MANUFACTURER)

ELECTRICAL CHARACTERISTICS:-

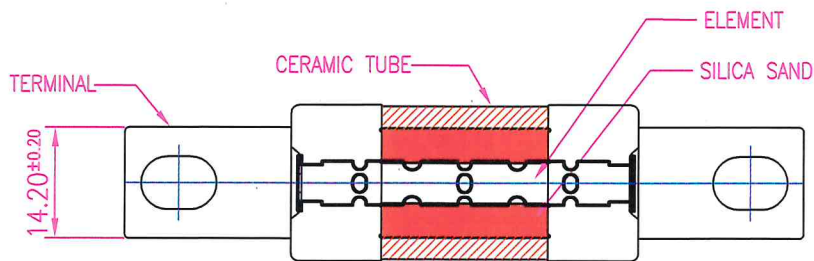
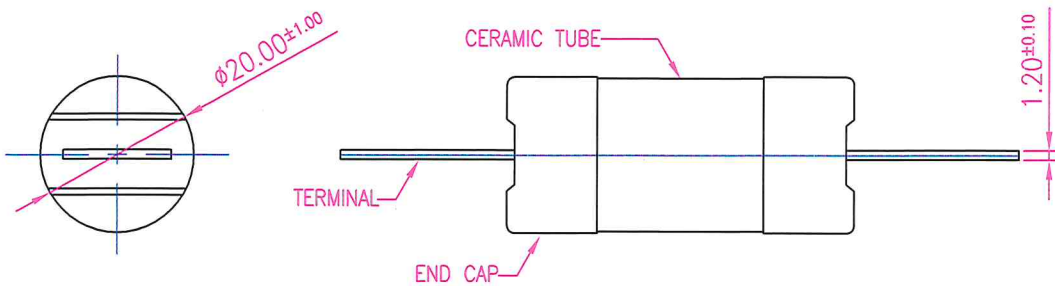
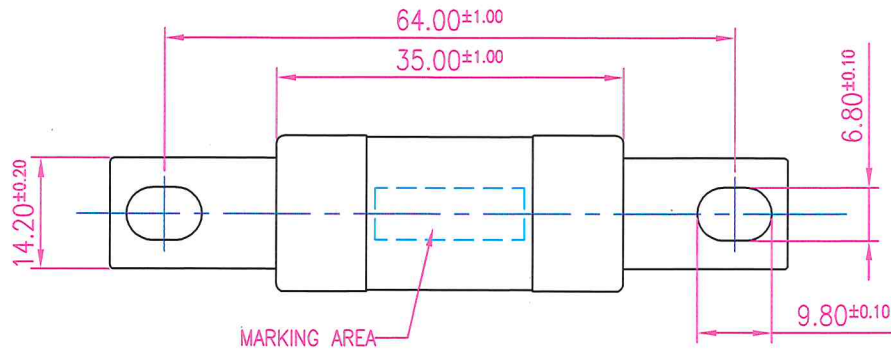
% OF AMPERE RATING	AMPERE RATING	OPENING TIME
110%	100-250A	04 Hours Min.
200%		01sec Min 300sec Max.
300%		0.20sec Min 30sec, Max.
500%		0.05sec Min 01sec, Max.



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DESCRIPTION : HIGH VOLTAGE AUTOMOTIVE FUSE WITH BOLT  
DOWN TYPE  $\phi 20.0\text{mm}$  MAX

PART NO: PEVFC 100 In  
(REFER TABLE)



A	ORIGINAL	NITHIN	30.12.2021	<i>[Signature]</i>	<i>[Signature]</i>
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY	APP'D BY

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.:  $\pm 0.25\text{mm}$   
 $\pm 2^\circ$

ALL DIMENSIONS ARE IN MM.  
IF UNLESS OTHERWISE SPECIFIED.

<http://www.protectron.in>

[protectron@protectron.in](mailto:protectron@protectron.in)