



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : HIGH VOLTAGE AUTOMOTIVE FUSE WITH BOLT
DOWN TYPE ϕ 20.0mm MAX

PART NO: PEVFC 100 In
(REFER TABLE)



ELECTRICAL PARAMETERS:

RATED VOLTAGE : DC 450V
INTERRUPTING RATING : 2000A @ 450V DC (RESISTIVE CIRCUIT)
OPERATING TEMPERATURE RANGE : -40°C TO $+85^{\circ}\text{C}$

MATERIAL AND FINISH

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

PACKING DETAILS:

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





PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : HIGH VOLTAGE AUTOMOTIVE FUSE WITH BOLT
DOWN TYPE ϕ 20.0mm MAX

PART NO: PEVFC 100 In
(REFER TABLE)

PART NUMBERS	CURRENT RATING (A)	BOLT SIZE	DIAMETER	TYPICAL VOLTAGE DROP (mV)	TYPICAL COLD RESISTANCE (m Ω)
PEVFC 100 100A	100A	M6	ϕ 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

MARKINGS ON THE INSULATOR SHOULD BE AS FOLLOWS:-

'AMPERAGE', 'VOLTAGE RATING' 'INTERRUPTING RATING'
AND 'PROTECTRON' (MANUFACTURER)

ELECTRICAL CHARACTERISTICS:-

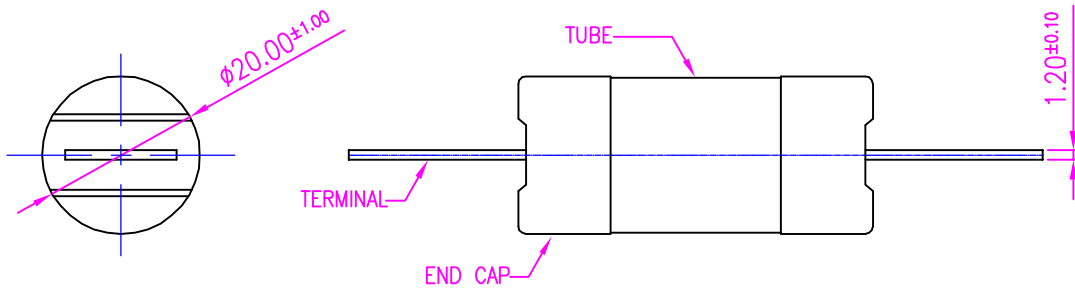
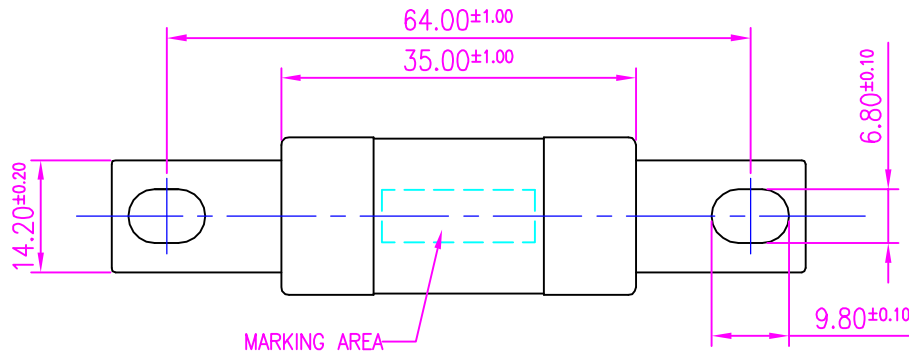
% OF AMPERE RATING	AMPERE RATING	OPENING TIME
110%	100-150A	04 Hours Min.
200%		01sec Min 300sec Max.
300%		0.20sec Min 30sec, Max.
500%		0.05sec Min 01sec, Max.



PROTECTRON ELECTROMECH (P) LTD

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

PART NO: PEVFC 100 In
(REFER TABLE)



A	ORIGINAL	CHETAN	02.08.2019		
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.