

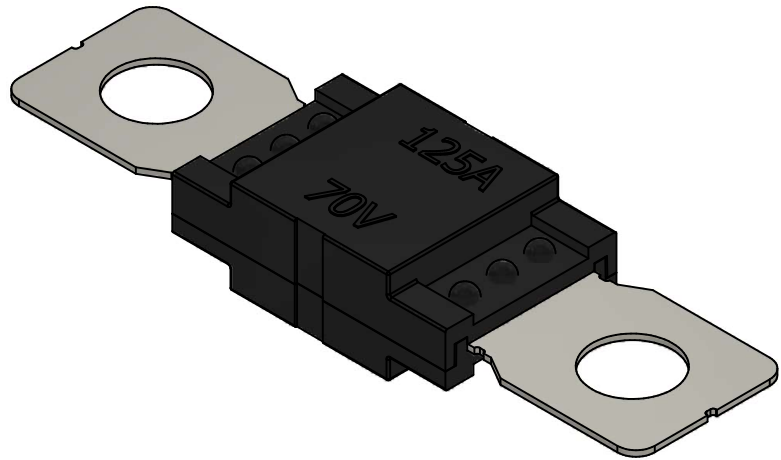


PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : MEGA BOLT DOWN FUSE

PART NO: PBFM-KT-In-XX
(REFER TABLE)

RoHS



PHYSICAL

TOP HOUSING : PA6T, UL 94-V2
BOTTOM HOUSING : PA6T, UL 94-V2
STRIP : COPPER, Sn PLATED

ELECTRICAL DATA

INTERRUPTING RATING : 2500A @ 70VDC
VOLTAGE RATING : 70VDC

ENVIRONMENT DATA

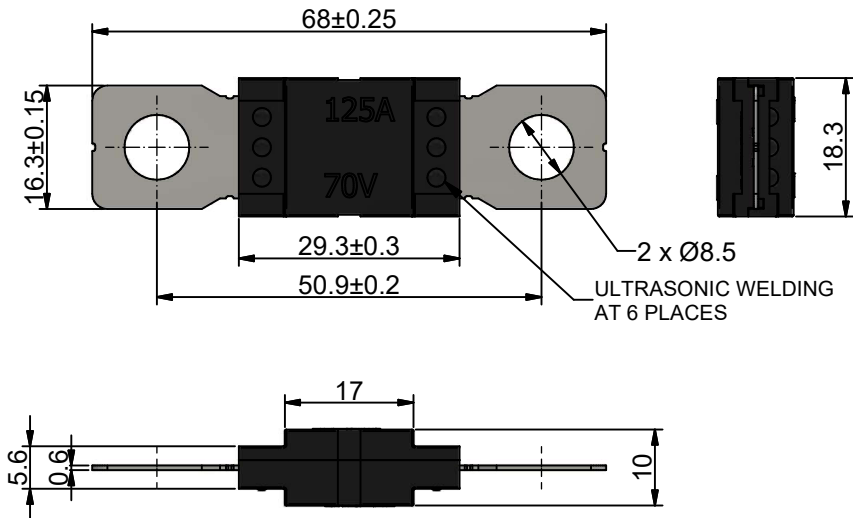
OPERATING TEMPERATURE : -40°C to +125°C



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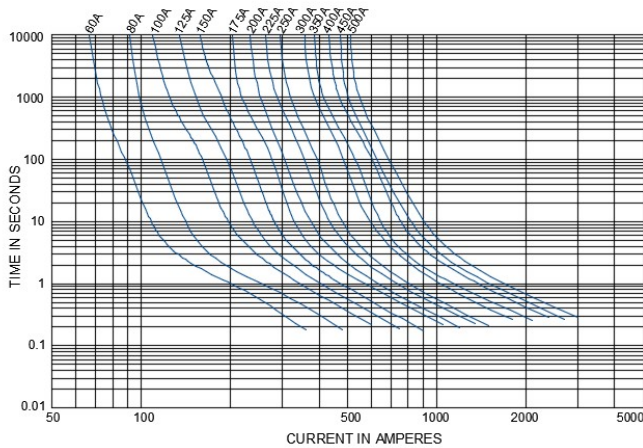
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In-NOMINAL CURRENT RATING

CURRENT RATING	TYP.VOLTAGE DROP	TYP. COLD RESISTANCE
60 A	110 mV	1.03 mΩ
80 A	110 mV	0.75 mΩ
100 A	110 mV	0.55 mΩ
125 A	110 mV	0.43 mΩ
150 A	110 mV	0.36 mΩ
175 A	110 mV	0.30 mΩ
200 A	110 mV	0.80 mΩ
225 A	110 mV	0.23 mΩ
250 A	110 mV	0.22 mΩ
300 A	80 mV	0.17 mΩ
350 A	80 mV	0.15 mΩ
400 A	80 mV	0.13 mΩ
450 A	80 mV	0.12 mΩ
500 A	80 mV	0.11 mΩ

TIME-CURRENT CHARACTERISTIC CURVE



TIME-CURRENT CHARACTERISTICS[80A-250A]

% of Rating A	OPERATING TIME	
	MIN	MAX
100	4hrs.	-/-
135	120 sec	1800 sec
150	20 sec	450 sec
200	1 sec	15 sec
350	0.3 sec	5 sec
600	0.1 sec	1 sec

TIME-CURRENT CHARACTERISTICS[300A-500A]

% of Rating A	OPERATING TIME	
	MIN	MAX
75	4hrs.	-/-
200	1 sec	15 sec
350	0.5 sec	5 sec

ORDERING INFORMATION

PBFM-KT-In
(REFER TABLE)

MOQ- AS SPECIFIED
SPQ- AS SPECIFIED

A	ORIGINAL	NITHIN	13/11/2020	ARSHAD	
REV	DESCRIPTION	DRN BY	DATE	CK"ED BY	APP'D BY
Projection: 	Scale: NTS	Sht. Size: A4	Gen. Tol.±0.35mm	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.	