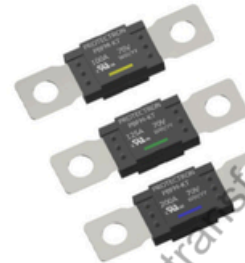




DESCRIPTION : MEGA BOLT DOWN FUSE, 70V

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

APPROVALS:



MATERIAL AND FINISH

TOP HOUSING : PPA, 30% GLASS FILLED UL94-V0
BOTTOM HOUSING : PPA, 30% GLASS FILLED UL94-V0
STRIP : COPPER, Sn PLATED

ELECTRICAL DATA

VOLTAGE RATING : 70V DC
INTERRUPTING RATING : 2500A @ 70V DC

REFERENCE STANDARD : ISO 20934/UL 248-1

ENVIRONMENTAL DATA

OPERATING TEMPERATURE : -40°C to +120°C

PACKING DETAILS : TRAY PACKING (70No's/TRAY)

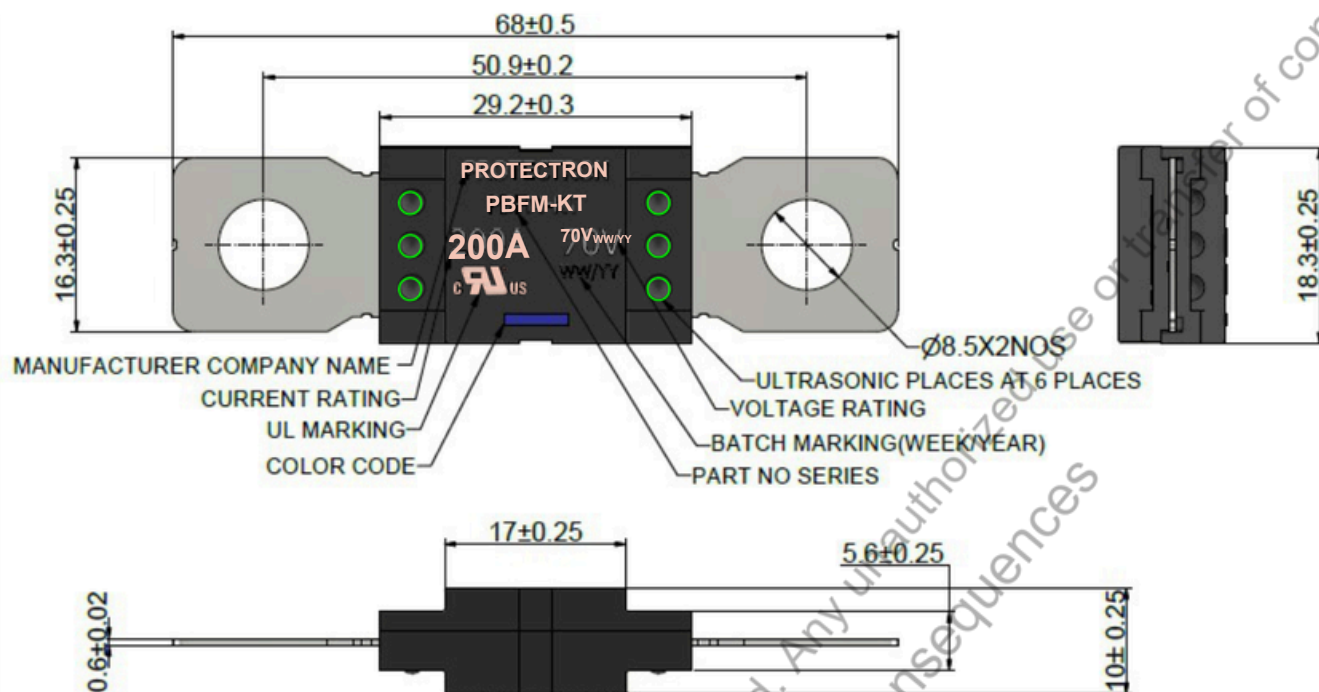
MOUNTING TORQUE M8 : 20Nm $\pm$ 1Nm (TO BE TIGHTENED/MOUNTED WITH
DIGITAL TORQUE-WRENCH)

FUSE HOLDER DATA

P803C-02 : MEGA BOLT DOWN FUSE HOLDER WITHOUT COVER
P803C-03 : MEGA BOLT DOWN FUSE HOLDER WITH COVER

DESCRIPTION : MEGA BOLT DOWN FUSE, 70V

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



NOTE:

- NOTE:
1.LASER MAKING WILL BE ON ONE SIDE OF THE HOUSING.
2.MARKING SHOWN IS TYPICAL, THE POSITION & SIZE OF VARIOUS MARKING ARE SUBJECT TO CHANGE
AT THE MANUFACTURE'S DISCRETION.

In-NOMINAL CURRENT RATING

PART NUMBERS	CURRENT RATING	CABLE SIZE AS PER ISO 20934	COLOR CODE MARKING	TYP. COLD RESISTANCE	TYP.VOLTAGE DROP(mV)	TYP.I ² T (A ² Sec)
PBFM-KT- 60 A	60 A	6 mm ²		1.065 mΩ	85	18500
PBFM-KT- 80 A	80 A	10 mm ²		0.735 mΩ	70	60000
PBFM-KT- 100 A	100 A	10 mm ²		0.575 mΩ	65	90000
PBFM-KT- 125 A	125 A	16 mm ²		0.445 mΩ	68	120000
PBFM-KT- 150 A	150 A	25 mm ²		0.385 mΩ	71	140000
PBFM-KT- 175 A	175 A	25 mm ²		0.345 mΩ	70	190000
PBFM-KT- 200 A	200 A	35 mm ²		0.270 mΩ	60	250000
PBFM-KT- 250 A	250 A	50 mm ²		0.225 mΩ	62	590000
PBFM-KT- 300 A	300 A	50 mm ²		0.180 mΩ	58	1200000
PBFM-KT- 350 A	350 A	50 mm ²		0.165 mΩ	48	1350000



Scale: NTS

Sht. Size: A4

Gen. Tol.: $\pm 0.15\text{mm}$
 $\pm 2^\circ$

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.

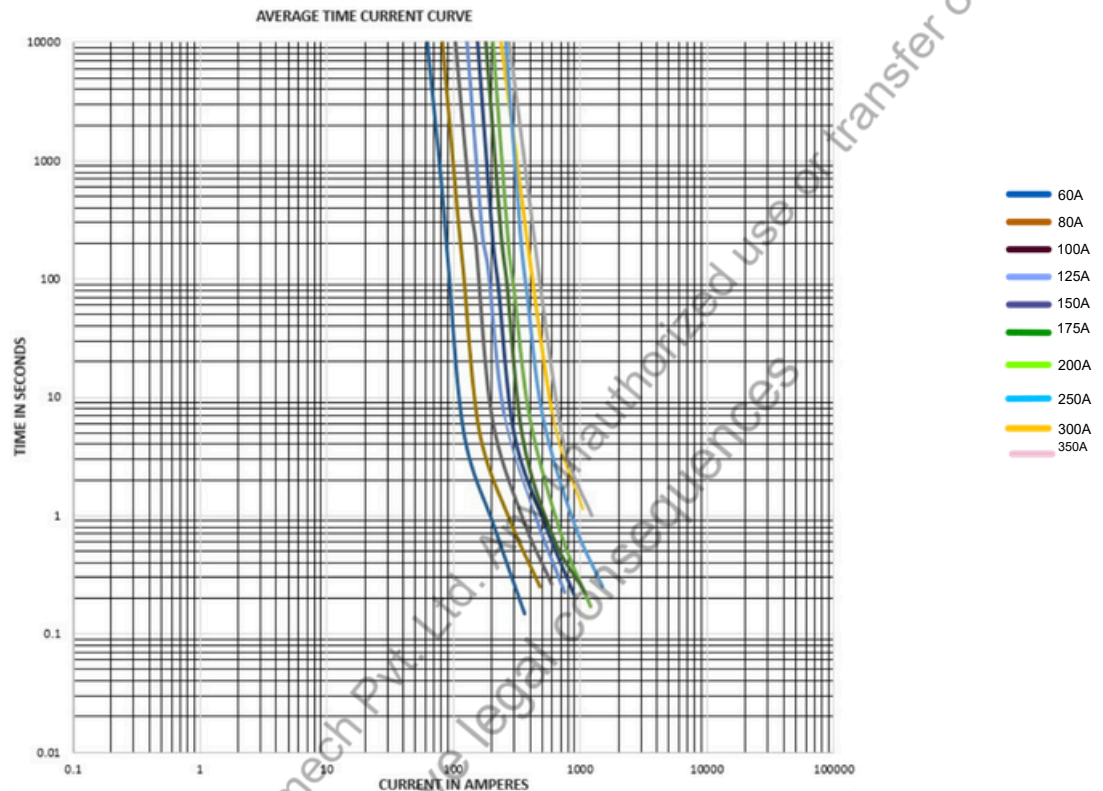


PROTECTRON[®]
ELECTROMECH (P) LTD

DESCRIPTION : MEGA BOLT DOWN FUSE, 70V

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

TIME - CURRENT CHARACTERISTIC CURVE



TIME-CURRENT CHARACTERISTICS[60A-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 & 350A]

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

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: $\pm 0.15\text{mm}$
 $\pm 2^\circ$

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.

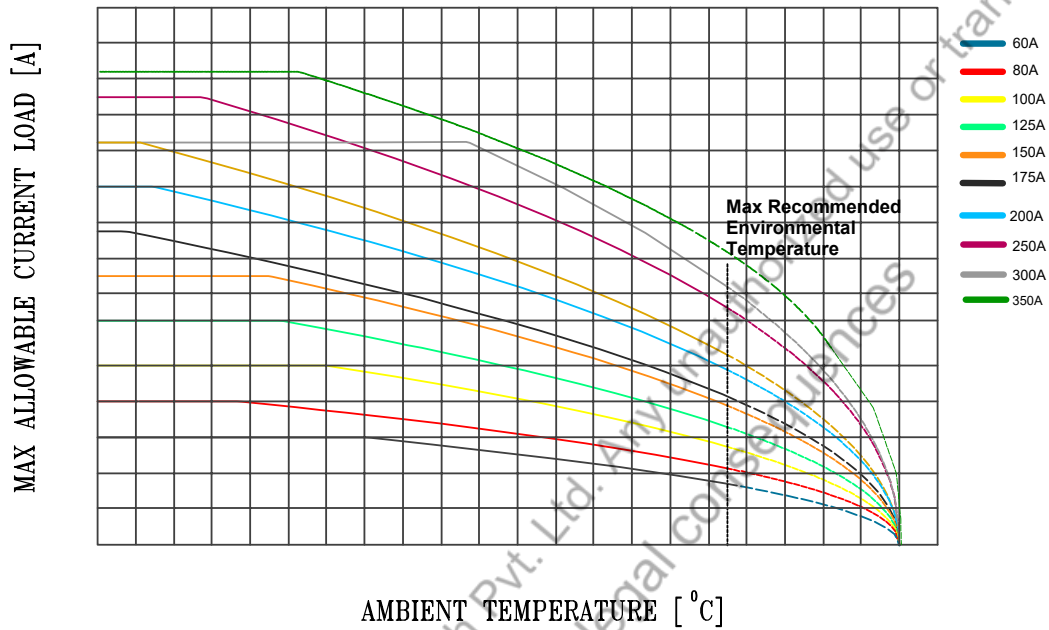


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DESCRIPTION : MEGA BOLT DOWN FUSE, 70V

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

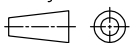
TYPICAL DERATING OF FUSE MELTING



MOQ- AS SPECIFIED
SPQ- AS SPECIFIED

ORDERING INFORMATION
PBFM-KT-In
(REFER TABLE)

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: $\pm 0.15\text{mm}$
 $\pm 2^\circ$

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.