



PROTECTRON[®]
ELECTROMECH (P) LTD

DESCRIPTION : MEGA BOLT DOWN FUSE, 70V

PART NO: PBFM-KT4-In
(REFER TABLE)



RoHS



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

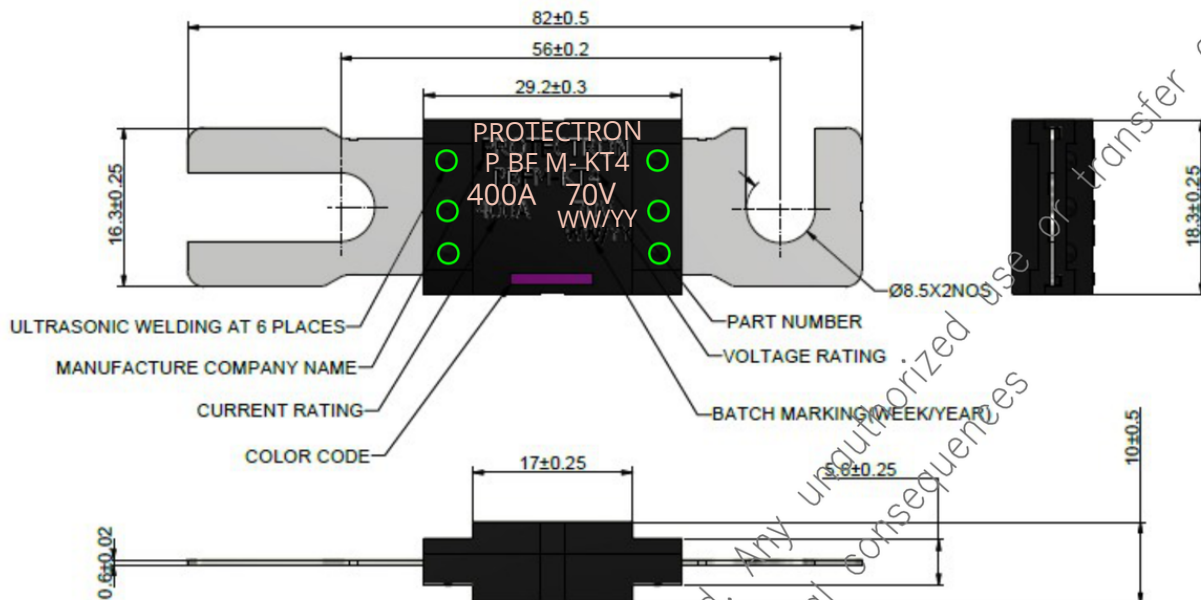
PACKING DETAILS : TRAY PACKING (70No's/TRAY)



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NOTE:

1. LASER MARKING 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)
PBFM-KT4-60A	60 A	6 mm ²		1.065 mΩ	85
PBFM-KT4-80A	80 A	10 mm ²		0.735 mΩ	70
PBFM-KT4-100A	100 A	10 mm ²		0.575 mΩ	65
PBFM-KT4-125A	125 A	16 mm ²		0.445 mΩ	68
PBFM-KT4-150A	150 A	25 mm ²		0.385 mΩ	71
PBFM-KT4-175A	175 A	25 mm ²		0.345 mΩ	70
PBFM-KT4-200A	200 A	35 mm ²		0.270 mΩ	60
PBFM-KT4-250A	250 A	50 mm ²		0.225 mΩ	62
PBFM-KT4-300A	300 A	50 mm ²		0.180 mΩ	58
PBFM-KT4-350A	350 A	50 mm ²		0.165 mΩ	48
PBFM-KT4-400A	400 A	70 mm ²		0.175 mΩ	48
PBFM-KT4-450A	450 A	70 mm ²		0.140 mΩ	46
PBFM-KT4-500A	500 A	70 mm ²		0.120 mΩ	46

Projection:



Scale: NTS

Sht. Size: A4

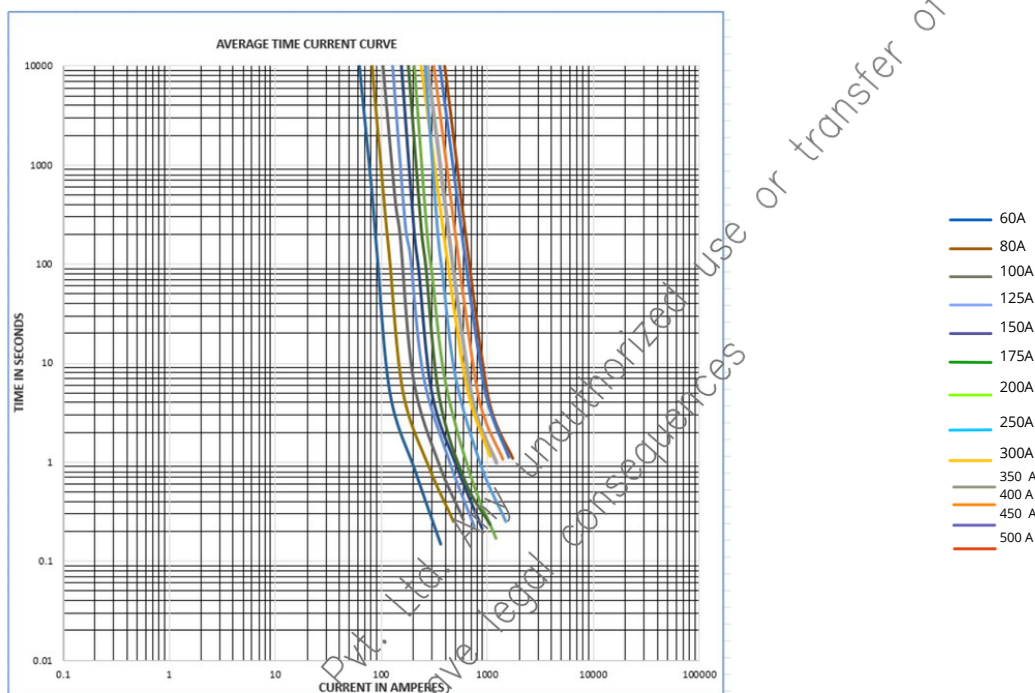
Gen. Tol.: ±0.15mm
±2°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.

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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 & 500A]

% 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.

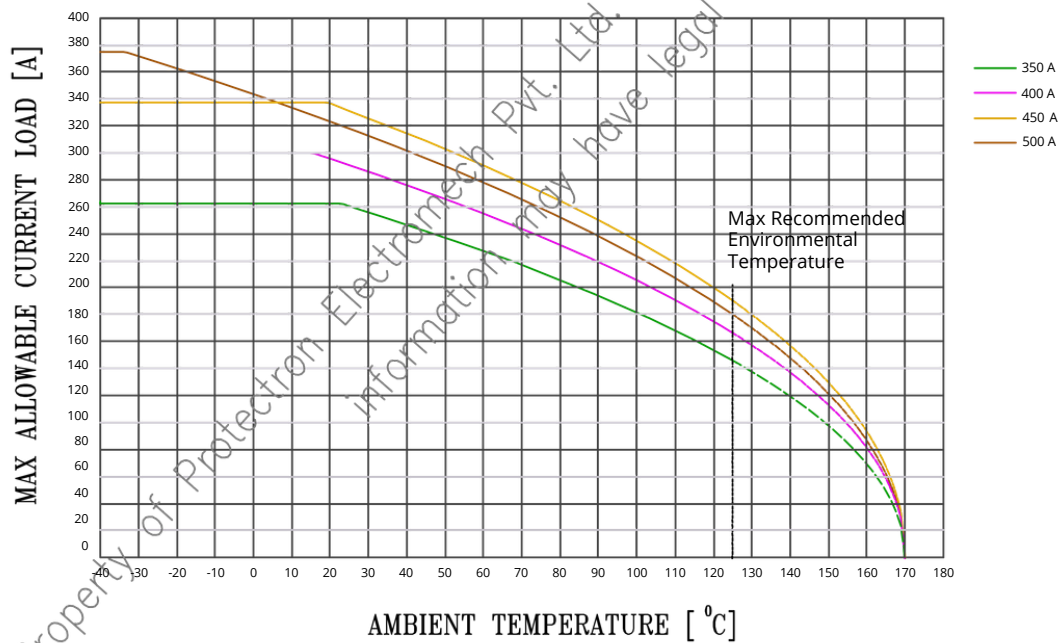
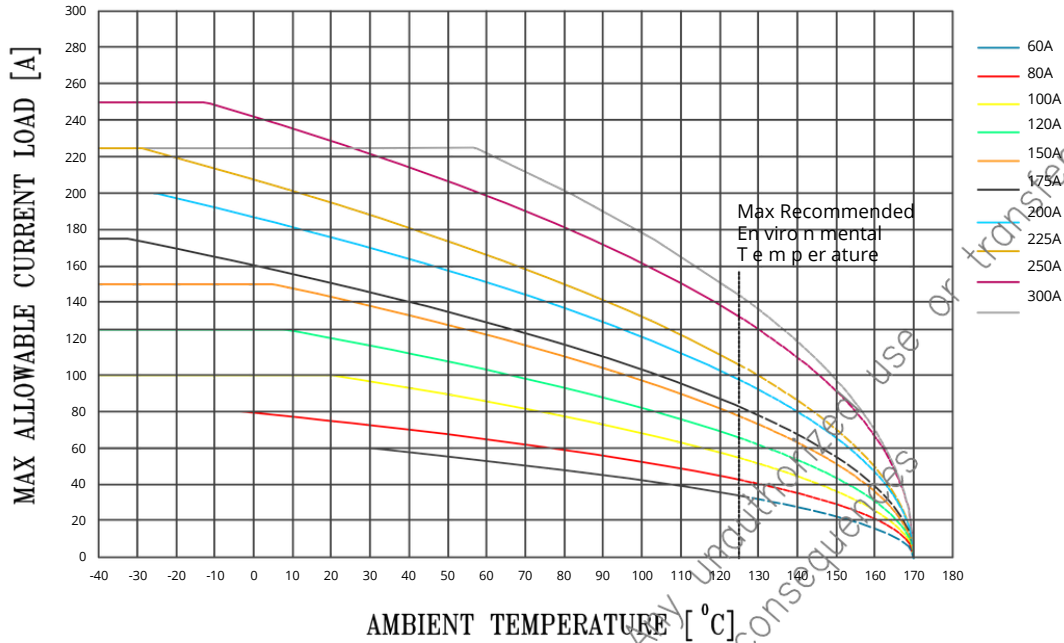


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TYPICAL DERATING OF FUSE MELTING



MOQ- AS SPECIFIED
SPQ- AS SPECIFIED

ORDERING INFORMATION

PBFM-KT4-In
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Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.15mm
±2°

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