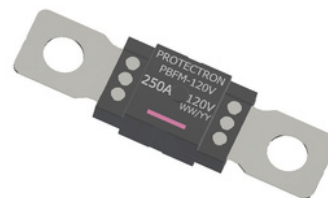




**DESCRIPTION : MEGA BOLT DOWN FUSE, 120V**

**PART NO: PBFM-120V-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/ PRE- Sn PLATED  
RIVETS : ALUMINUM

**ELECTRICAL DATA**

VOLTAGE RATING : 120V DC  
INTERRUPTING RATING : 2500A @ 120VDC

REFERENCE STANDARD : ISO 20934

**ENVIRONMENTAL DATA**

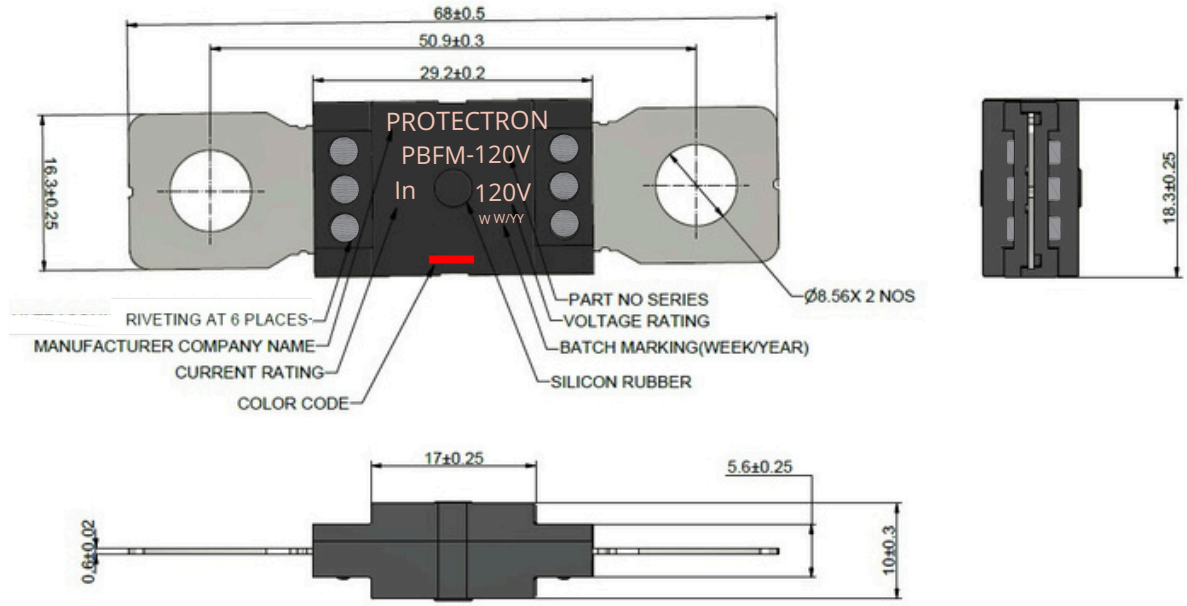
OPERATING TEMPERATURE : -40°C to +120°C

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

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

**DESCRIPTION : MEGA BOLT DOWN FUSE, 120V**

**PART NO: PBFM-120V-In  
(REFER TABLE)**



**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(In)	CABLE SIZE AS PER ISO 20934	COLOR CODE MARKING	TYP. COLD RESISTANCE
PBFM-120V-250A	250A	6 mm <sup>2</sup>		1.065 mΩ
PBFM-120V-300A	300A	10 mm <sup>2</sup>		0.735 mΩ
PBFM-120V-350A	350A	10 mm <sup>2</sup>		0.575 mΩ
PBFM-120V-400A	400A	16 mm <sup>2</sup>		0.445 mΩ
PBFM-120V-450A	450A	25 mm <sup>2</sup>		0.395 mΩ
PBFM-120V-500A	500A	25 mm <sup>2</sup>		0.345 mΩ

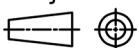
### TIME-CURRENT CHARACTERISTICS[250A]

% 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

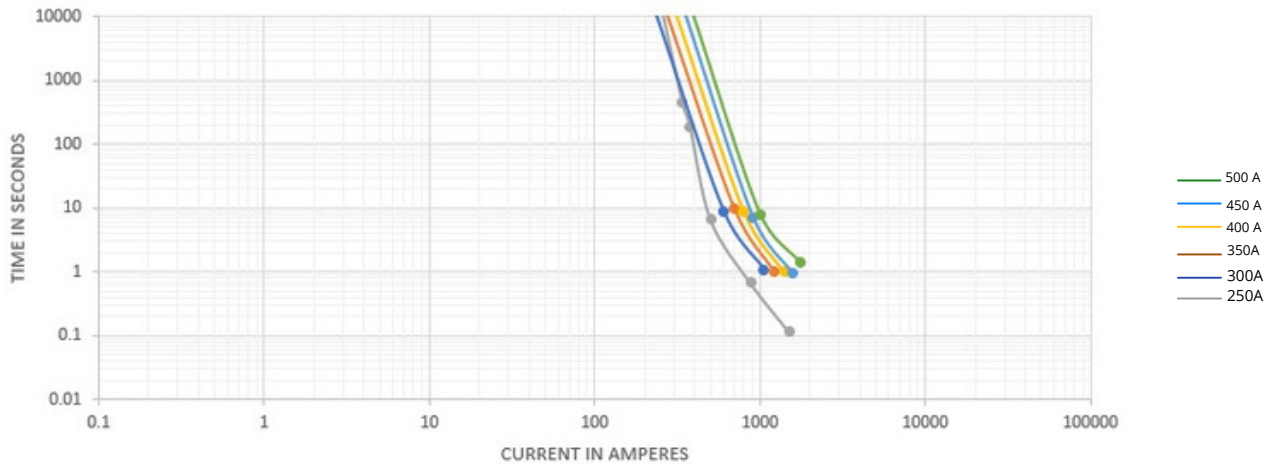
Gen. Tol.: ±0.15mm  
±2'

ALL DIMENSIONS ARE IN MM.  
IF UNLESS OTHERWISE SPECIFIED.

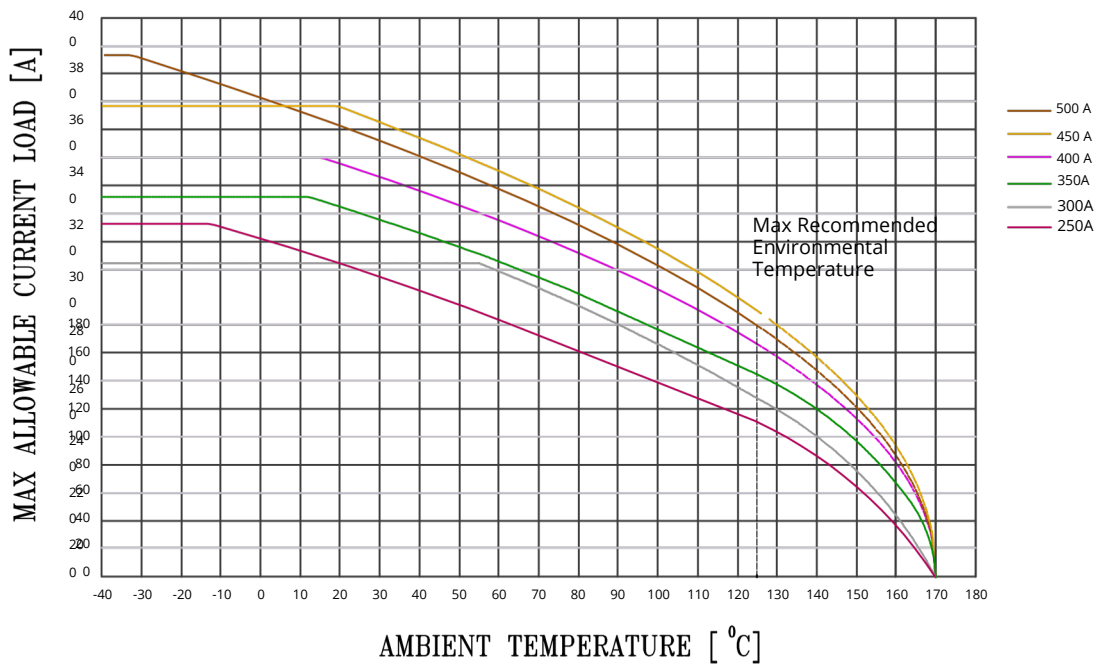
**DESCRIPTION :** MEGA BOLT DOWN FUSE, 120V

**PART NO:** PBFM-120V-In  
(REFER TABLE)

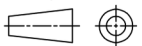
TIME-CURRENT CHARACTERISTIC CURVE



TYPICAL DERATING OF FUSE MELTING



Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.15mm  
±2'

ALL DIMENSIONS ARE IN MM.  
IF UNLESS OTHERWISE SPECIFIED.