



DESCRIPTION : MIDI BOLT DOWN FUSE 32V,RoHS.

PART NO: PBFT-LCT-In
(REFER TABLE)

APPROVALS:



MATERIAL AND FINISH

TOP & BOTTOM HOUSING : NYLON66 (PA66), BLACK COLOR, UL 94-V0.

STRIP : COPPER, Sn PLATED

ELECTRICAL DATA

VOLTAGE RATING : 32V DC

INTERRUPTING RATING : 1000A @ 32V DC

REFERENCE STANDARD : ISO 8820/UL 248-1

ENVIRONMENTAL DATA

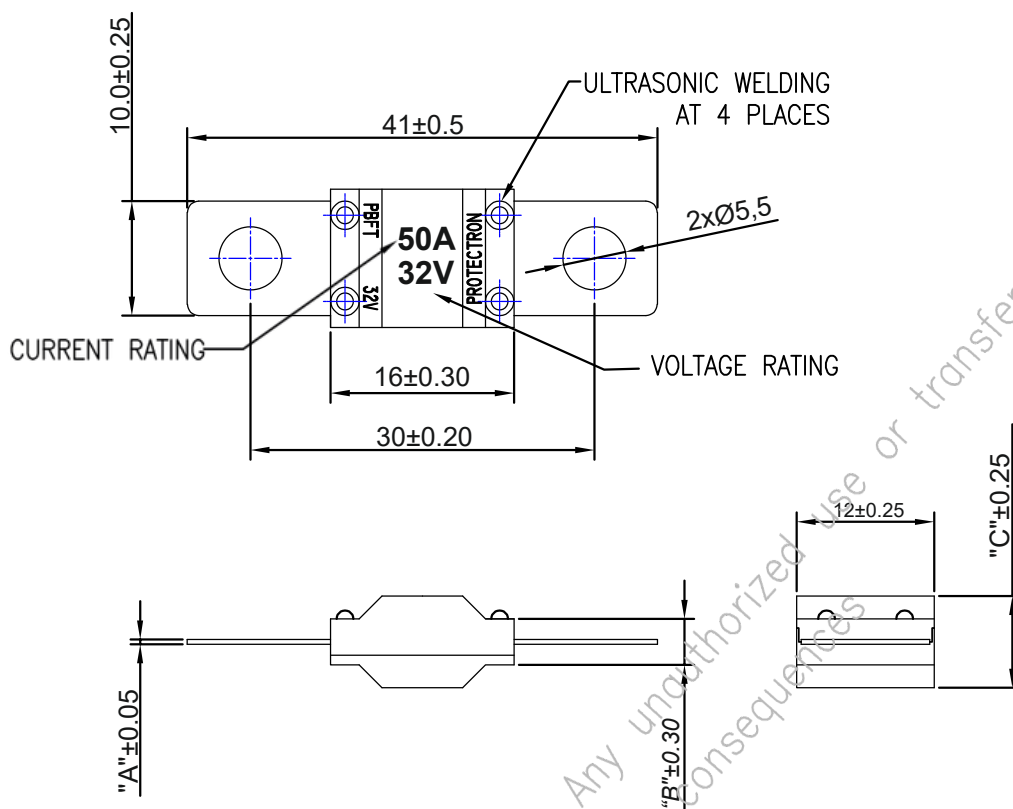
OPERATING TEMPERATURE : -40°C to +120°C

MECHANICAL DATA

MOUNTING TORQUE M5 : 4.5Nm±1Nm(TO BE TIGHTENED/MOUNTED WITH DIGITAL TORQUE-WRENCH)

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CURRENT RATING	DIMENSIONS A(±0.05)	DIMENSIONS B(±0.30)	DIMENSIONS C(±0.25)
20A-80A	0.40mm	4mm	8mm
100A-200A	0.60mm	4.3mm	8.3mm

NOTE:

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

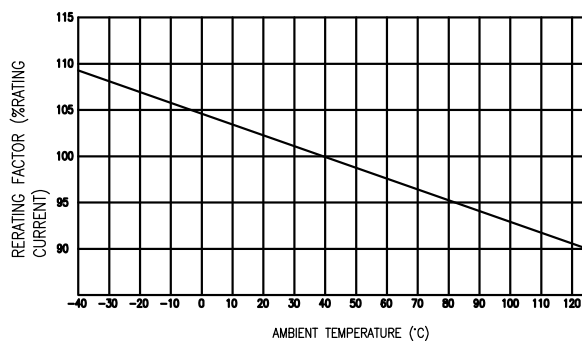
In-NOMINAL CURRENT RATING

PART NUMBERS	CURRENT RATING	CABLE SIZE	TYP,COLD RESISTANCE	TYP,VOLTAGE DROP	TYP, I ² t (A ² s)
PBFT-LCT-20A	20 A	2.5 mm ²	3.13 mΩ	83 mV	5152
PBFT-LCT-30A	30 A	2.5 mm ²	2.1 mΩ	65 mV	4160
PBFT-LCT-40A	40 A	4 mm ²	1.39 mΩ	65 mV	10,208
PBFT-LCT-50A	50 A	6 mm ²	1.07 mΩ	65 mV	13,352
PBFT-LCT-60A	60 A	6 mm ²	0.89 mΩ	68 mV	21,657
PBFT-LCT-70A	70 A	10 mm ²	0.695 mΩ	70 mV	24,125
PBFT-LCT-80A	80 A	10 mm ²	0.587 mΩ	58 mV	24,761
PBFT-LCT-100A	100 A	10 mm ²	0.457 mΩ	60 mV	51,246
PBFT-LCT-125A	125 A	16 mm ²	0.394 mΩ	71 mV	73,354
PBFT-LCT-150A	150 A	25 mm ²	0.323 mΩ	77 mV	81,768
PBFT-LCT-175A	175 A	25 mm ²	0.285 mΩ	77 mV	105,101
PBFT-LCT-200A	200 A	35 mm ²	0.261 mΩ	77 mV	125,253

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TEMPERATURE DERATING CURVE



TIME-CURRENT CHARACTERISTICS(20A-125A)

% of Rating A	OPERATING TIME	
	MIN	MAX
100	100 hrs	-/-
110	4hrs	-/-
150	90 sec	3600 sec
200	3 sec	100 sec
300	0.3 sec	3 sec
500	0.1 sec	1 sec

TIME-CURRENT CHARACTERISTICS(150A-200A)

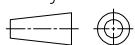
% of Rating A	OPERATING TIME	
	MIN	MAX
75	100 hrs	-/-
200	1 sec	15 sec
350	0.3 sec	5 sec
500	0.1 sec	1 sec

MOQ- AS SPECIFIED
SPQ- AS SPECIFIED

ORDERING INFORMATION

PBFT-LCT-In
(REFER TABLE)

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.15mm
±2°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.