



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 5.2 X 20, GLASS CARTRIDGE TIME DELAY FUSE,
RoHS

PART NO: PST IN-R

RoHS



SPECIFICATIONS : IEC 60127-2, SHEET-III

RATED VOLTAGE : 250 V

BREAKING CAPACITY : 35 A OR 10 In WHICHEVER IS GREATER,
WHEN TESTED WITH AC CURRENT

MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:-

TYPE OF FUSE (T), FUSE RATING, RATED VOLTAGE (250V),
BREAKING CAPACITY (L),COMPANY'S IDENTIFICATION,RoHS(R)

MAXIMUM SUSTAINED DISSIPATION AT 1.5 In AFTER 1 HOUR

- i) UPTO AND INCLUDING 2.5A: 1.6W
- ii) 8A & 10A : 4.0W

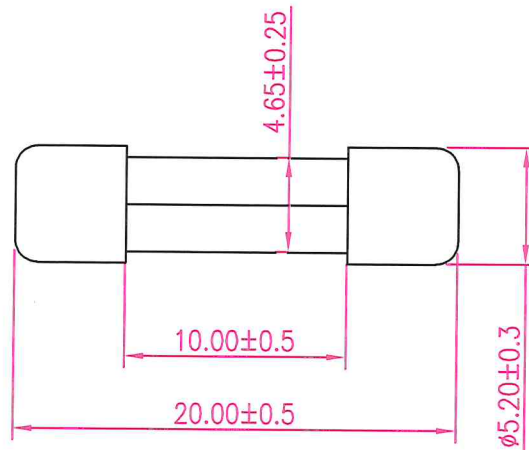
NOMINAL CURRENT (In)	2.1 In MAX.	2.75 In		4 In		10 In	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
100mA	2 MINUTES	200 mSec	10 Sec	40 mSec	3 Sec	10 mSec	300 mSec
ABOVE 100mA	2 MINUTES	600 mSec	10 Sec	150 mSec	3 Sec	20 mSec	300 mSec



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NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)	OPERATING I sq t	NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)	OPERATING I sq t
32 mA	5000	0.004	2.5 A	120	24
50 mA	3500	0.023	3.0 A	100	---
100 mA	2500	0.075	3.15 A	100	48
125 mA	2000	0.04	3.5 A	100	---
150 mA	1900	0.14	4 A	100	75
160 mA	1900	0.14	5 A	100	115
200 mA	1500	0.14	6 A	100	---
250 mA	1300	0.13	6.3 A	100	220
300 mA	1100	---	7 A	100	---
315 mA	1100	0.35	8 A	100	310
400 mA	1000	0.48	9 A	100	---
500 mA	900	4.9	10 A	100	550
600 mA	300	---	12 A	100	---
630 mA	300	6.1	15 A	100	---
700 mA	250	---	18 A	100	---
750 mA	250	---	20 A	100	3120
800 mA	250	5.3	≥ 22 A	100	---
1 A	150	6.7			
1.25 A	150	8.2			
1.5 A	150	---			
1.6 A	150	11			
2 A	150	20			

A1	DRAWING UPDATED	RAMYA	02.06.2018	<i>[Signature]</i>
A	ORIGINAL	VISHWA.P	11.04.2014	
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY APP'D BY



Scale: NTS

Sht. Size: A4

Gen. Tol.: ± 0.35 mm
 $\pm 2^\circ$

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.