

DESCRIPTION : 5.2x20, GLASS CARTRIDGE FAST ACTING FUSE

PART NO: PSF In-R

APPROVALS:



RoHS



SPECIFICATIONS : IEC 60127-2, SHEET-II

RATED VOLTAGE : 250 V, AC

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

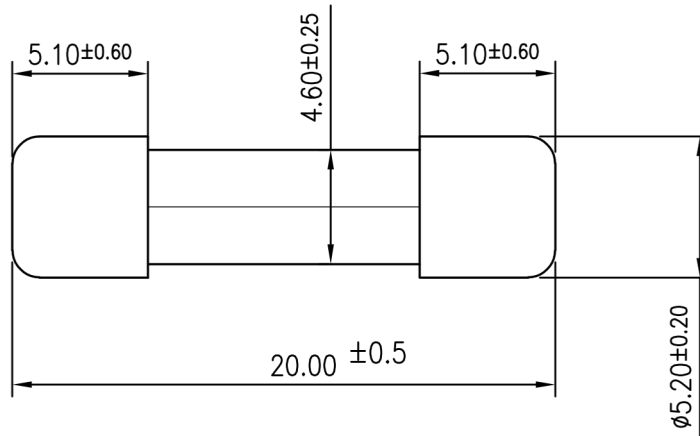
MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:-

TYPE OF FUSE (F), FUSE RATING, RATED VOLTAGE (250V),
 RoHS(R), BREAKING CAPACITY (L) & COMPANY'S IDENTIFICATION

| NOMINAL CURRENT (In) | 2.1 In MAX. | 2.75 In | | 4 In | | 10 In MAX. |
|----------------------|-------------|---------|----------|---------|----------|------------|
| | | MIN. | MAX. | MIN. | MAX. | |
| 100mA | 30 MINUTES | 10 mSec | 500 mSec | 3 mSec | 100 mSec | 20 mSec |
| >100mA TO 6.3A | 30 MINUTES | 50 mSec | 2 Sec | 10 mSec | 300 mSec | 20 mSec |
| 6.3A TO 8A | 30 MINUTES | 50 mSec | 2 Sec | 10 mSec | 300 mSec | 20 mSec |
| 8 & 10A | 30 MINUTES | 50 mSec | 2 Sec | 10 mSec | 400 mSec | 60 mSec |
| 10A TO 30A | 30 MINUTES | 50 mSec | 2 Sec | 10 mSec | 400 mSec | 40 mSec |

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| SL.NO | PEPL PART NUMBER | NOMINAL CURRENT RANGE (In) | VOLTAGE DROP DC (mV Max.) | COLD RESISTANCE (mΩ) | OPERATING I ² t A ² Sec |
|-------|------------------|----------------------------|---------------------------|----------------------|---|
| 1 | PSF 0.1A-R | 100 mA | 4000 | 6.0 | 0.0023 |
| 2 | PSF 0.125A-R | 125 mA | 3500 | - | 0.0067 |
| 3 | PSF 0.15A-R | 150 mA | 2000 | - | 0.018 |
| 4 | PSF 0.16A-R | 160 mA | 2000 | - | 0.018 |
| 5 | PSF 0.2A-R | 200 mA | 1700 | - | 0.030 |
| 6 | PSF 0.25A-R | 250 mA | 1400 | - | 0.021 |
| 7 | PSF 0.3A-R | 300 mA | 1300 | - | 0.044 |
| 8 | PSF 0.315A-R | 315 mA | 1300 | - | 0.044 |
| 9 | PSF 0.4A-R | 400 mA | 1200 | - | 0.088 |
| 10 | PSF 0.5A-R | 500 mA | 1000 | 274.26 | 0.15 |
| 11 | PSF 0.6A-R | 600 mA | 650 | - | - |
| 12 | PSF 0.63A-R | 630 mA | 650 | - | 0.37 |
| 13 | PSF 0.7A-R | 700 mA | 650 | - | - |
| 14 | PSF 0.75A-R | 750 mA | 240 | - | - |
| 15 | PSF 0.8A-R | 800 mA | 240 | - | 5.3 |
| 16 | PSF 1A-R | 1 A | 200 | 81.26 | 5.1 |
| 17 | PSF 1.25A-R | 1.25 A | 200 | - | 5.6 |
| 18 | PSF 1.5A-R | 1.5 A | 190 | - | 6.5 |
| 19 | PSF 1.6A-R | 1.6 A | 190 | - | 6.5 |
| 20 | PSF 2A-R | 2 A | 170 | 39.35 | 7.6 |
| 21 | PSF 2.5A-R | 2.5 A | 170 | - | 9.8 |

| SL.NO | PEPL PART NUMBER | NOMINAL CURRENT RANGE (In) | VOLTAGE DROP DC (mV Max.) | COLD RESISTANCE (mΩ) | OPERATING I ² t A ² Sec |
|-------|------------------|----------------------------|---------------------------|----------------------|---|
| 22 | PSF 3A-R | 3 A | 150 | 264.30 | 20 |
| 23 | PSF 3.15A-R | 3.15 A | 150 | - | 20 |
| 24 | PSF 3.5A-R | 3.5 A | 150 | - | - |
| 25 | PSF 4A-R | 4 A | 130 | - | 29 |
| 26 | PSF 4.5A-R | 4.5 A | 130 | - | - |
| 27 | PSF 5A-R | 5 A | 130 | 15.32 | 38 |
| 28 | PSF 6A-R | 6 A | 130 | - | 62 |
| 29 | PSF 6.3A-R | 6.3 A | 130 | - | 62 |
| 30 | PSF 7A-R | 7 A | 130 | - | - |
| 31 | PSF 7.5A-R | 7.5 A | 130 | - | - |
| 32 | PSF 8A-R | 8 A | 130 | - | 103 |
| 33 | PSF 9A-R | 9 A | 130 | - | - |
| 34 | PSF 10A-R | 10 A | 130 | - | 184 |
| 35 | PSF 12A-R | 12 A | 130 | - | - |
| 36 | PSF 15A-R | 15 A | 130 | - | - |
| 37 | PSF 16A-R | 16 A | 130 | - | - |
| 38 | PSF 18A-R | 18 A | 130 | - | - |
| 39 | PSF 20A-R | 20 A | 130 | - | - |
| 40 | PSF 25A-R | 25 A | 130 | - | - |
| 41 | PSF 30A-R | 30 A | 130 | - | - |

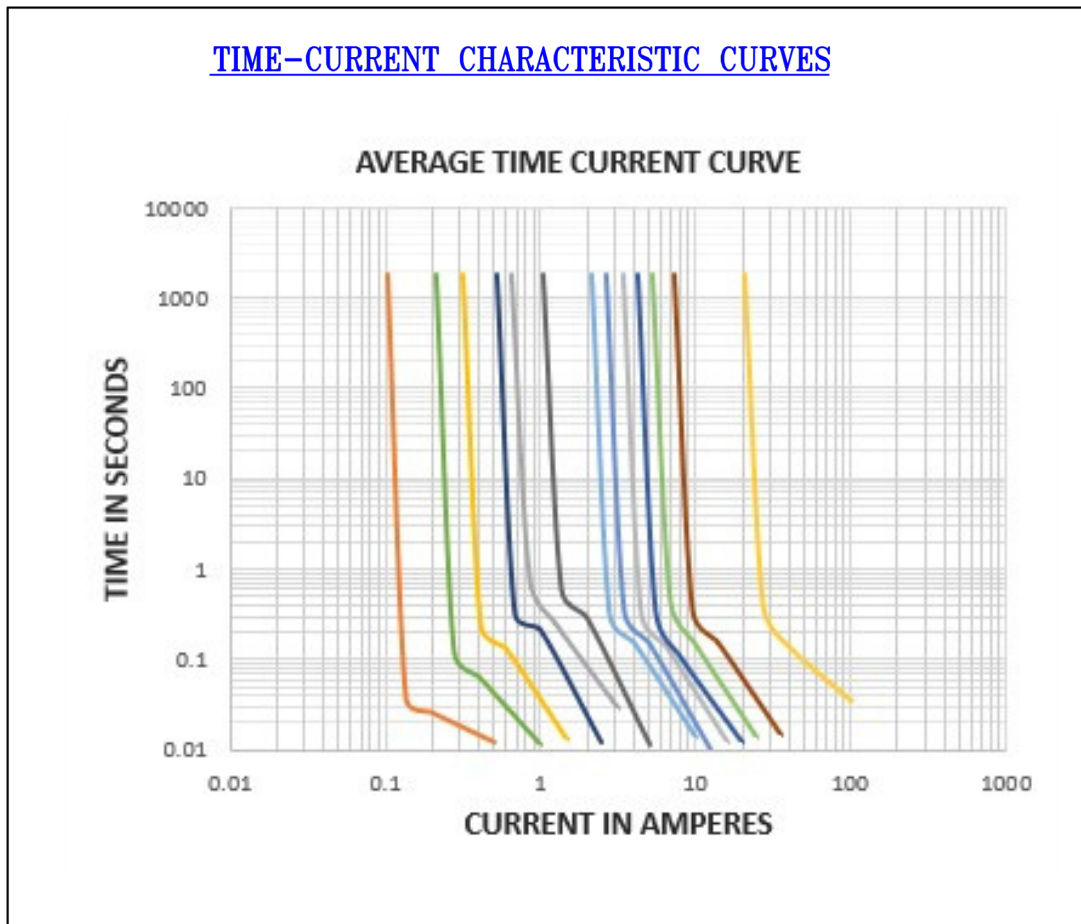
ORDERING INFORMATION

PSF... mA(In ≤ 800mA)-R OR
PSF... A(In ≥ 1A)-R

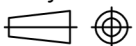
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TIME-CURRENT CHARACTERISTIC CURVES



Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.35mm
±2'

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.