UL Class M Fuse – Time-Delay 13/32” x 1 1/2”

TPK

OPTIFUSE

Product Specifications

Electrical Specifications

500VAC – 500mA - 30A

Standards

500mA-30A - Tested to UL 248-14 Standard. File E197390
500mA-30A - Tested to CSA C22.2 No.248.14 Standard. File E197390

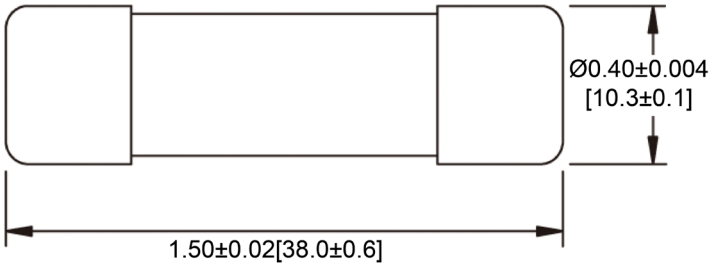
c UL us LISTED RoHS Compliant

Supplementary Protection Only – Not rated for branch circuit protection

Interrupting Rating

10,000 amperes at 500V AC(300mA-30A)

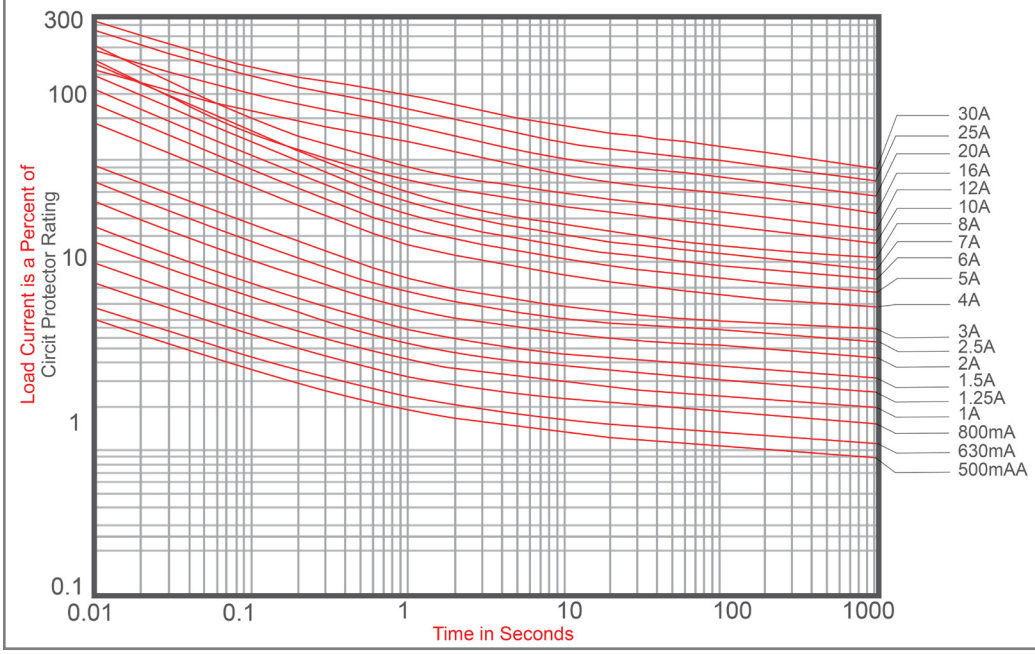
Mechanical Dimensions: Inches [mm]



Part Numbers Information

Optifuse P/N	Current Rating
TPK-500mA	500mA
TPK-630mA	630mA
TPK-700mA	700mA
TPK-750mA	750mA
TPK-800mA	800mA
TPK-1A	1A
TPK-1.25A	1.25A
TPK-1.5A	1.5A
TPK-1.6A	1.6A
TPK-2A	2A
TPK-2.5A	2.5A
TPK-3A	3A
TPK-3.15A	3.15A
TPK-3.5A	3.5A
TPK-4A	4A
TPK-5A	5A
TPK-6A	6A
TPK-6.3A	6.3A
TPK-7A	7A
TPK-8A	8A
TPK-9A	9A
TPK-10A	10A
TPK-12A	12A
TPK-15A	15A
TPK-16A	16A
TPK-20A	20A
TPK-25A	25A
TPK-30A	30A

Time vs. Percent of Rated Current



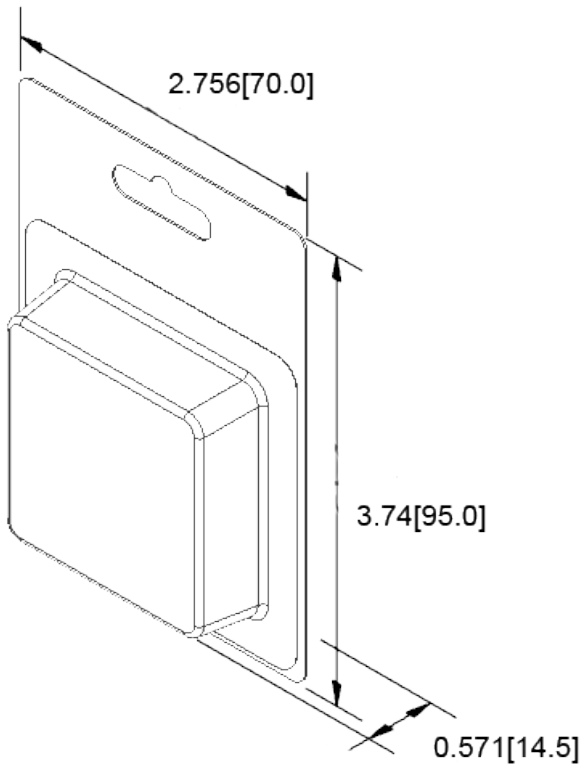
% of Rated Current	Blowing Time
100%	1 hr Max
200%	500mA-3A | 5-120s 3.15A-30A | 12-120s

UL Class M Fuse – Time-Delay 13/32” x 1 1/2”

TPK

OPTIFUSE

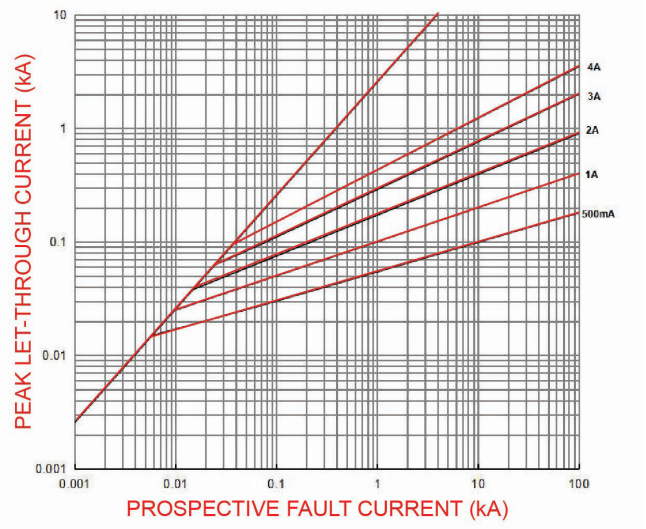
Blister Pack: Inches [mm]



Retail Pack Part Number Information

Ampere Rating	Retail Pack # Blister Card (1PCS)
500mA	TPK-500mA-BP
630mA	TPK-630mA-BP
700mA	TPK-700mA-BP
750mA	TPK-750mA-BP
800mA	TPK-800mA-BP
1A	TPK-1A-BP
1.25A	TPK-1.25A-BP
1.5A	TPK-1.5A-BP
1.6A	TPK-1.6A-BP
2A	TPK-2A-BP
2.5A	TPK-2.5A-BP
3A	TPK-3A-BP
3.15A	TPK-3.15A-BP
3.5A	TPK-3.5A-BP
4A	TPK-4A-BP
5A	TPK-5A-BP
6A	TPK-6A-BP
6.3A	TPK-6.3A-BP
7A	TPK-7A-BP
8A	TPK-8A-BP
9A	TPK-9A-BP
10A	TPK-10A-BP
12A	TPK-12A-BP
15A	TPK-15A-BP
16A	TPK-16A-BP
20A	TPK-20A-BP
25A	TPK-25A-BP
30A	TPK-30A-BP

Peak Let-Thru Curve



Rev	Date of issue	Revision Notes	Designed	Approved
D	01-06-2026	Added Peak Let-Thru Curve Graph	RC	OF