

# 1000VDC 10x38MM PHOTOVOLTAIC FUSES

## STHV110.PV Series

### Description | 描述

- 1000Vdc Fuse for Solar Panel Applications
- 10x38mm physical size
- Designed to UL248-19 ( 2579 )
- Capable of withstanding high cycling and low level fault current conditions
- Lead Free material



### Specifications | 电气特性

Part No.	Rated Voltage DC	Rated Current	Breaking Capacity DC	Energy Integrals I <sup>2</sup> t (A <sup>2</sup> S)		Power Loss (W)	
				Pre-Arching	Total at 1000V	0.8In	1.0In
STHV110.PV1A	1000V	1A	10kA 30kA	0.15	0.4	0.8	1.5
STHV110.PV2A		2A		1.3	3.4	0.7	1.1
STHV110.PV3A		3A		4	12	0.8	1.3
STHV110.PV3.5A		3.5A		6.5	20	0.9	1.4
STHV110.PV4A		4A		10	28	1.1	1.4
STHV110.PV5A		5A		19	50	1.1	1.4
STHV110.PV6A		6A		32	93	1.2	1.8
STHV110.PV8A		8A		85	205	1.2	2.2
STHV110.PV10A		10A		30	70	1.3	2.3
STHV110.PV12A		12A		98	150	1.5	2.8
STHV110.PV15A		15A	149	230	1.8	3	
STHV110.PV20A		20A	229	330	2.4	3.6	
STHV110.PV25A		25A	411	500	2.6	4.1	
STHV110.PV30A		30A	1200	2500	4.3	5.7	

\* DC Cold Resistance are measured at < 10% of rated current in ambient temperature of 25 °C

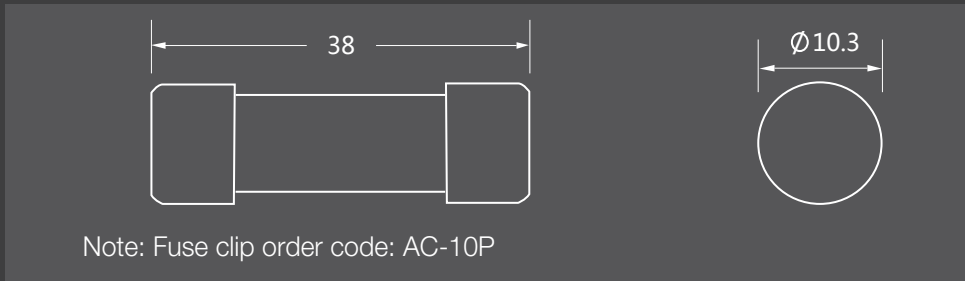
\* Typical Pre- arching I<sup>2</sup>t are measured at 10 In Current

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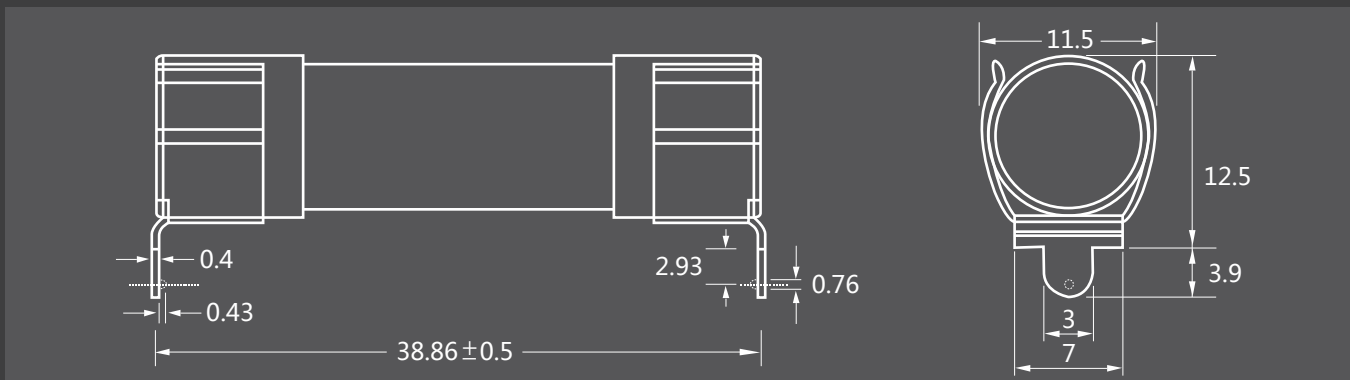
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### Dimension

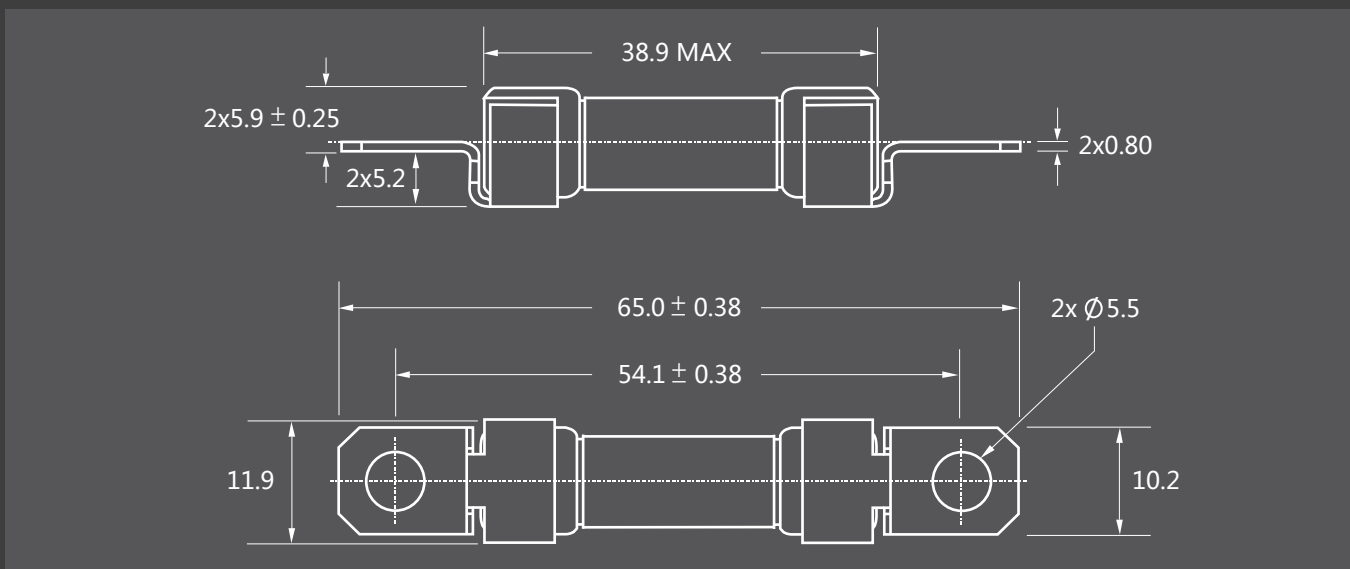
Standard cylindrical (Ordering code: STHV110.PVxxA):



With PCB wave - soldering terminals (Ordering code – STHV110.PVxxA - TH)



Bolt fixing (Ordering code: STHV110.PVxxA - AP):



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Time - Current Curve | 时间电流曲线

