



High Voltage Products. High Voltage Experts.

# TPM-25 SERIES MOV

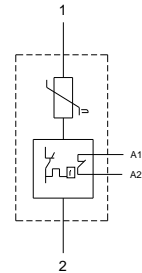
## THERMALLY PROTECTED MOV

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Surge suppressor with thermal protection designed to open in the event of overheating due to the abnormal over-voltage, limited current conditions.

#### FEATURES:

- Quick thermal response and perfect circuit cutoff function due to special thermal disconnecter design with arc extinguishing device.
- Wide operating temperature range and high reliability.
- High surge current capability.
- Low leakage current.
- Floating remote signaling contact for fault alarm.
- Application in the AC mains, service entrance, and heavy industrial etc.
- Medium current 100A, 500A, 1000A
- SCCR 200KArms
- In accordance with UL1449 4<sup>TH</sup> Edition Type 2 and CSA for Type 2.



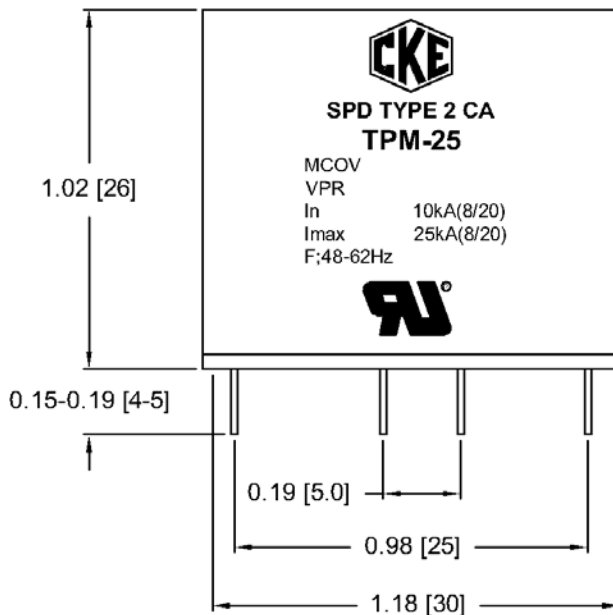
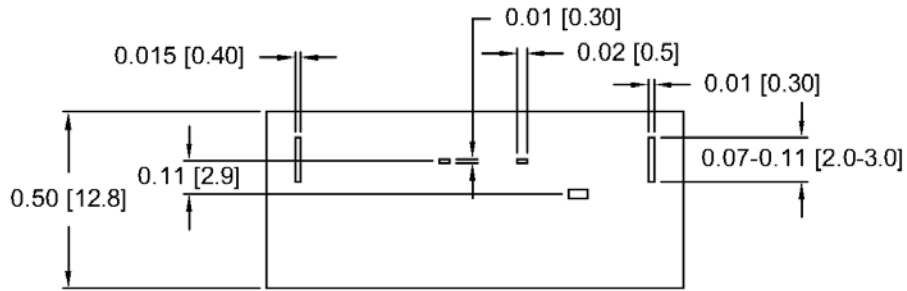
### ELECTRICAL RATINGS & SPECIFICATIONS

TYPE	Continuous		Surge Current		Varistor Voltage @1mA	VPR
	V <sub>RMS</sub> (V)	V <sub>DC</sub> (V)	x 1 time @ 8/20	In 15 times @ 8/20	V1mA(V)	
TPM-25-150	150	200	25KA	10kA	228-270	600V
TPM-25-180	180	230	25KA	10kA	250-310	800V
TPM-25-320	320	410	25KA	10kA	485-563	1000V
TPM-25-420	420	560	25KA	10kA	646-748	1200V
TPM-22-550	550	745	22KA	10kA	820-1000	1800V
TPM-22-690	690	910	22KA	10kA	1000-1250	2000V

Operating Temperature	-40°C ~ +75°C
Electric Strength	≥ 2500V (AC)
Insulation Resistance	≥ 10 MOhm
Response Time	≤ 25 nS



**CASE OUTLINE AND DIMENSIONS**



DIMENSIONS IN INCHES [MM]

**CERTIFICATIONS:**



Conforms to UL1449 4<sup>th</sup> Edition.  
Approved for Type 2 and CSA for Type 2  
File No. E319342