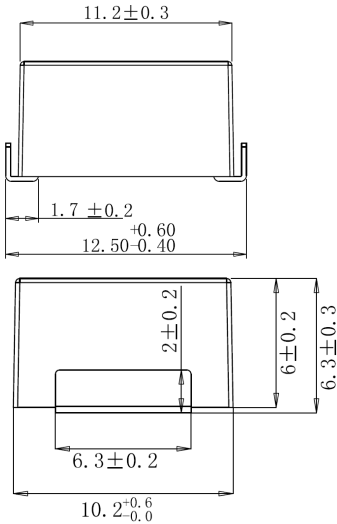
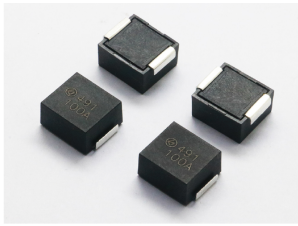
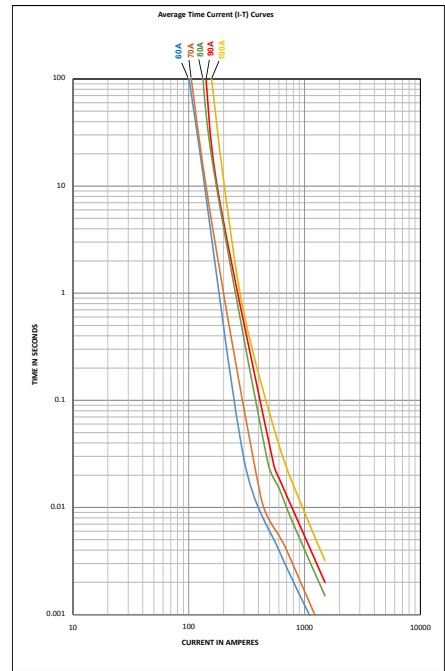


# 492 High current square Fuse



**Main Characteristics**  
 Square fuse; Time-Lag(F)  
**Standard**  
 UL248-1  
**Materials**  
 Body: Thermoplastic  
 End Caps: Tinned copper terminal  
**Operating Temperature**  
 -55°C to +125°C  
**Stock Temperature**  
 +10°C to +60°C  
 Relative humidity: ≤75% yearly average  
 Without dew, maximum 30 days at 95%  
**Vibration Resistance**  
 24 cycles at 15 min. each (60068-6)  
 10-60Hz at 0.75mm amplitude  
 60-2000Hz at 10g acceleration  
**Soldering Parameters**  
 260°C. ≤10 sec (Wave Soldering)  
 300°C. ≤2 sec (Hand Soldering)  
**Soldering Peak:**  
 260°C. 10 sec.  
 280°C. 5 sec. (IEC 60068-20)



Dimensions(unit:mm)

Time vs Current Characteristics: UL-248-1		
Rated Current	100%	200%
60A~100A	>1H	<60s



Electrical Characteristics at 25°C							
Amp Code	Rated Current	Rated Voltage	max.Voltage Drop (mV)	Breaking Capacity	Typical Melting $I^2t(A^2sec)$	Typical Cold Resistance (mΩ)	Approval
							cURus
2600	60A	75V DC 100V DC	73	1500A@75VDC 1000A@100VDC	1148	0.78	•
2700	70A		75		1373	0.75	•
2800	80A		80		3420	0.58	•
2900	90A		85		4725	0.56	•
3100	100A		90		7313	0.5	•

**Note:** (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)  
 (2)  $I^2t$  is calculated at test time in 1500A current.

## Ordering Information

Series	Amp Code	Supplementary Code	Qty
491			