

Electric match Performance Parameters

The resistance of bridge filament at 21°C: $1.3 \pm 0.1 \Omega$ $1.7 \pm 0.15 \Omega$

Connection in parallel or single rated ignition current: 0.50A 20ms

Connection in series rated ignition current: 0.80A 5.0ms

Firing point current: 0.40A

The firing time while the current is 1A: 2ms

Safety current: 0.25A 5s

Test current: 0.50mA

The size of protective cover of Powder head: $\Phi 5.8 \text{mm}$

Length: 16.7mm

Shake: 2h

High temperature: 80°C 4h

Low temperature: -60°C 4h

Electric match Composition

No	Ingredient	Proportion	Formula
1	Potassium perchlorate	47.4%	KClO ₄
2	Calcium Silicide	23.6%	CaSi
3	Antimonous sulfide	23.6%	Sb ₂ S ₃
4	Collodion(Solution)	5.4%	[C ₆ H ₇ O ₂ (ONO ₂) ₈] _n
Fuse head priming weight: 0.025g/pcs approximately			
Damp-proof paint: Nitrolacquer			