



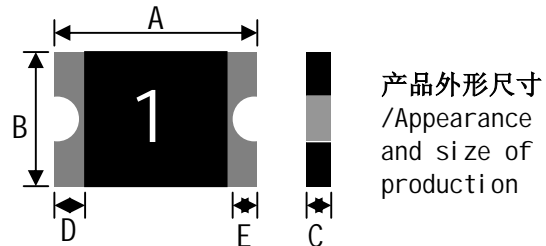
深圳市万瑞和电子有限公司  
SHENZHEN WONDHOPE ELECTRIC CO., LTD

地址 (Add): 深圳市龙华区观澜街道观光路美泰科技园1栋 1nd Bldg, Meitai Industrial Zone, Guanguang Road, Guanlan, Longhua, Shenzhen, China	封装(package):	<b>SMD 0805</b>
	型号(Model):	<b>010</b>
	最大电压( $V_{max}$ ):	<b>16V</b>
电话 (Tel): 86-0755-29503668 29503690 29503691	最大电流( $I_{max}$ ):	<b>100A</b>
传真 (Fax): 86-0755-29503998 邮编(P.C.): 518131		
邮箱(Email): sales@whptc.com 网址(http://): www.whptc.com		

## 产品规格书 Specification Sheet

### 产品标识/Marking:

#### 1: 产品型号标识/Part identification

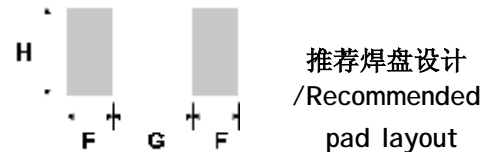


### 焊点可焊性/Solderability:

符合EIA规定RS186-9E 和ANSI/J-STD-002  
第3类标准/Meets EIA specification RS186-  
9E and ANSI/J-STD-002 Category 3

### 焊点材料/Terminal Pad Materials:

无铅镀锡的镀镍铜箔/Sn-plated nickel-copper, lead-free device.



### 产品尺寸/Dimensions:

	A		B		C		D	E	F	G	H
UNIT	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MIN			
mm	2	2.3	1.2	1.5	0.5	0.9	0.2	0.1	1	1.2	1.5
inch	0.079	0.091	0.047	0.059	0.020	0.040	0.010	0.004	0.04	0.050	0.060

### 电气特性/Performance Specification:

Model	$V_{max}$ ( $V_{dc}$ )	$I_{max}$ (A)	$I_{hold}$ @25°C (A)	$I_{trip}$ @25°C (A)	$P_d$ Tpy. (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R <sub>imin</sub> (Ω)	R <sub>1max</sub> (Ω)
SMD010	16	100	0.1	0.3	0.5	0.5	1.5	1.500	10.000

$V_{max}$ : 产品在规定电流下工作不被破坏的最大电压;  
/Maximum voltage, device can withstand without damage at rated current;  
 $I_{max}$ : 产品在规定电压下工作不被破坏的最大电流;  
/Maximum fault current, device can withstand without damage at rated voltage;  
 $I_{hold}$ : 产品在25°C静止空气中30分钟不动作的最大工作电流;  
/Hold Current., device will sustain for 30min without tripping in 25°C still air;  
 $I_{trip}$ : 产品在25°C静止空气中动作的最小电流;  
/Minimum current at which the device will trip in 25°C still air;  
 $P_d$ : 产品在25°C静止空气中保护状态中消耗的功率;  
/Power dissipated from device when in the tripped state in 25°C still air;  
 $R_{i\min}$ : 满足功能要求的最小成品电阻值;  
/Minimum resistance of device in initial (un-soldered) state;  
 $R_{1\max}$ : 焊接完1小时, 产品在25°C静止空气中的最大电阻值。  
/Maximum resistance of device at 25°C measured one hour post reflow.