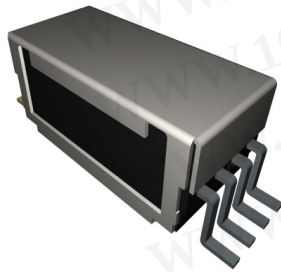


1E 系列

微型表面安装



产品介绍

做为Sanyu标准的表面安装(SMT)继电器,1E系列已经广为自动测试设备,电讯,仪器设备市场业界接受.有各式各样的封装型态如:轴状,鸥翼和钩型以最符合您的需求.

- 射频 绩效至 4GHz
- 阻抗50Ω
- UL 认证

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

规格

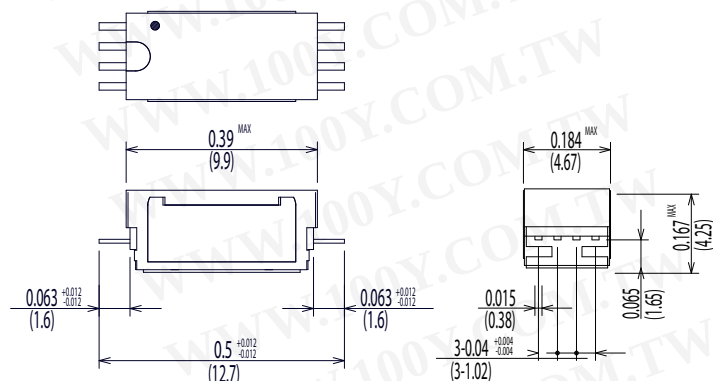
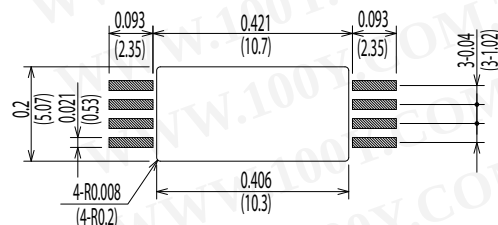


1E 系列		1E-54A	1E-14A	1E-24A	A: 轴状 , G: 鸥翼 , J: 钩型
		1E-54G	1E-14G	1E-24G	
		1E-54J	1E-14J	1E-24J	
参数	单位	1 Form A			测试环境
线圈规格					
额定线圈电压	VDC	3.3	5.0	12.0	±10% @ 20°C 15°C to 35°C 15°C to 35°C
线圈电阻	Ω	80	150	500	
操作电压	VDC Max	2.15	3.25	8.1	
释放电压	VDC Min	0.5	0.7	1.2	
触点功率					
切换电压	Volts	100			Max DC/Peak AC 电阻
切换电流	Amps	0.5			Max DC/Peak AC 电阻
负载电流	Amps	1.0			Max DC/Peak AC 电阻
触点功率	Watts	10			Max DC/Peak AC 电阻
寿命周期	x10 ⁶ Cycle	300			@ 1V 10mA
触点电阻	mΩ	150			最大接触 @ 操作电压
触点电阻稳定性	mΩ	5.0			最大接触 @ 操作电压
继电器规格					
绝缘电阻	Ω Min	10 ¹¹			所有各别分离针之间
介电质强度	VDC Min	200			@ 100V 20°C 40%RH
	VDC Min	250			触点之间
	VDC Min	250			触点至隔离
操作时间	msec Max	0.3			触点 / 隔离至线圈
(包括弹跳时间)					@ 额定线圈电压
释放时间	msec Max	0.05			100Hz 方波
					抑制二极管
环境数值					
测量参考条件					
温度 : 15°C to 35°C		储存温度 : -40°C to +85°C			
湿度 : 25% to 75%RH		操作温度 : -20°C to +80°C			
大气压 : 860 to 1060hpa		振动 : 20G's to 2000Hz			
		冲击 : 50G's			

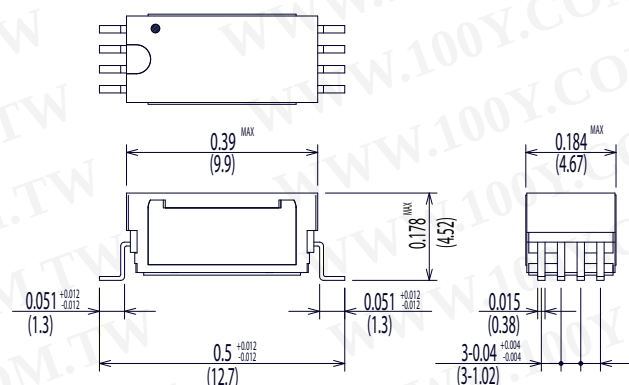
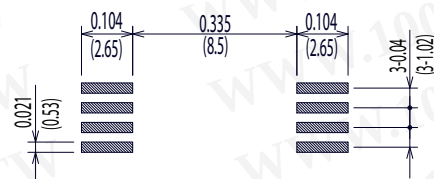
Dimensions All Dimensions are inches (mm)

Land Pattern Recommendation

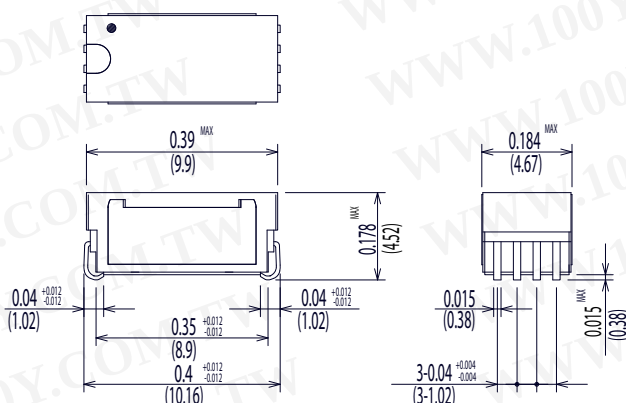
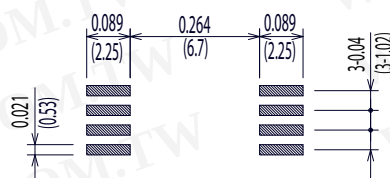
1E-54A/1E-14A/1E-24A



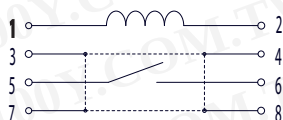
1E-54G/1E-14G/1E-24G



1E-54J/1E-14J/1E-24J



Schematic <Top View>



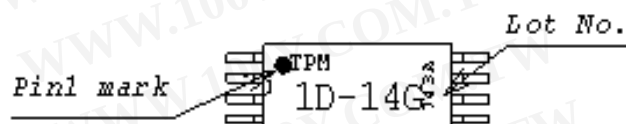
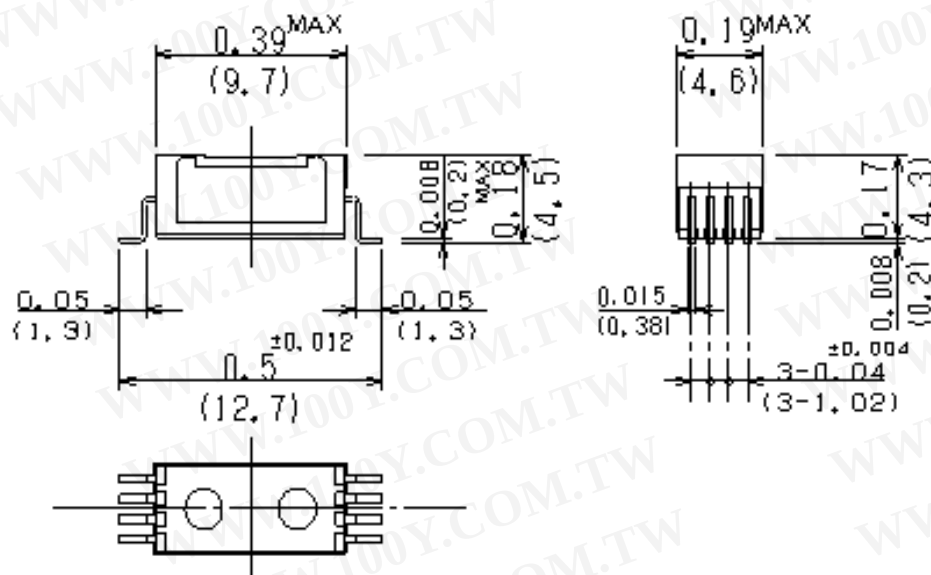
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SPECIFICATION <div> 勝 特 力 材 料 886-3-5753170 勝特力电子(上海) 86-21-54151736 勝特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw </div>		Model Number(TYPE) 1D-14G	
Parameters	Test Conditions	Units	1D-14G
Coil Specs			
Nom.Coil Voltage	±10% at20° C	VDC	5.0
Coil Resistance	15° C to 35° C	W	150
Operate Voltage	15° C to 35° C	VDC-Max	3.5
Release Voltage		VDC-Min	0.7
Contact Rating			
Switching Voltage	Max DC/Peak AC Resist	Volts	50
Switching Current	Max DC/Peak AC Resist	Amps	0.2
Carry Current	Max DC/Peak AC Resist	Amps	0.5
Contact Rating	Max DC/Peak AC Resist	Watts	5
Life Expectancy	at 1V 10mA	×106Cyc	100
Contact Resistance	Max initial at operate Voltage	m W	150
Contact Resistance	Max initial at operate Voltage	m W	2.0
Stability			
Relay Specifications			
Insulation Resistance	Between All Isolated Pins	W	1011
Capacitance	at 100V 20° C 40%RH	pF-Max	0.15
across open contact	at DC BIAS 1V 1MHz		1.2
contact to Shield	Shield Guarding		0.2
Open contact to Coil	Contacts open		
	Shield floating		
	Shield Guarding		
Parameters	Test Conditions	Units	1D-14G
Relay Specifications			
Dielectric Strength	Between Contacts	VDC-min	150
Operate Time	Contacts to Shield	VDC-min	250
(Include Bounce)	at Nominal Coil Voltage	m sec-max	250
Release Time	100Hz Square Wave.	m sec-max	50
	Diode Suppression		

DIMENSION

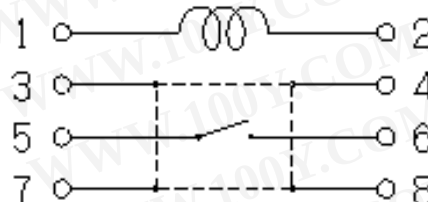
All dimensions are measured in inches (millimeters)

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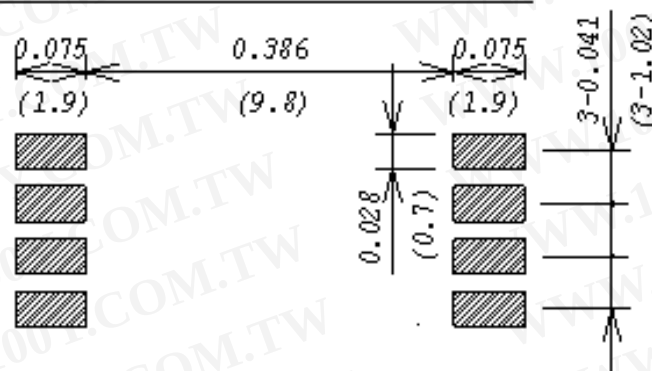


SCHEMATIC (TOP VIEW)

"Pin mark (●)" corresponds to the terminal number 1.

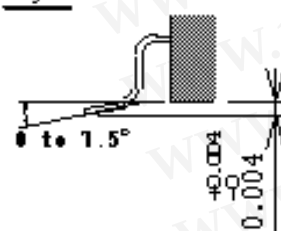


LAND PATTERN RECOMMENDATION



Terminal detailed figure

Angle



Shifts at the side

