



# 深圳优高电子有限公司

SHENZHEN YKO ELECTRONICS CO.,TLD.

## 产品规格书

Product specification

产品编码/规格 CUSTOMER PRODUCT SPECIFICATION	YJD-08H
名称 TITLE	拨码开关 (CODE SWITCH)
型号 MODEL NO.	SMT SWITCH YAD SERIES
制样 DSGD BY	谢榕
审核 CHKD BY	钟建霞
批准 APPD BY	彭清华
送样印 SENDING PRINT	
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**材料 MATERIALS**

上盖: 工程塑料, 红色、蓝色、黑色

底座: 工程塑料, 黑色

拨键: 工程塑料, 白色

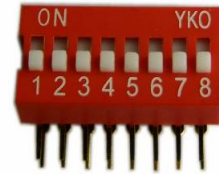
端子: 铜合金, 镀金

COVER: Engineering Plastics, Red, Blue, Black

BASE: Engineering Plastics, Black

KEY: Engineering Plastics, White

TERMINAL: Alloy Copper, Plating Gold

**电器性能 ELECTRICAL SPECIFICATIONS**

- |                  |  |                                    |
|------------------|--|------------------------------------|
| 1. 接触电阻 (初始值)    | Contact resistance (initial):          | $\leq 50m\Omega$                   |
| 2. 接触电阻 (测试后)    | Contact resistance (after life test):  | $\leq 100m\Omega$                  |
| 3. 开关容量 (开关常切换)  | Contact rating (Contact rating):       | 25mA 24VDC                         |
| 4. 开关容量 (开关不常切换) | Contact rating (Non-Contact rating):   | 100mA                              |
| 5. 绝缘电阻          | Insulation resistance:                 | $\geq 100M\Omega$ . Min. at 500VDC |
| 6. 耐压强度          | Dielectric strength:                   | 300VAC Min. for 60 seconds. 1mA    |
| 7. 极间电容          | Capacitance between adjacent switches: | $\leq 5PF$                         |

**机械特性 MECHANICAL SPECIFICATIONS**

- |         |                               |   |
|---------|-------------------------------|---|
| 1. 操作力  | Operation force:              | $\leq 8N$   |
| 2. 机械寿命 | Mechanical life:              | 2000 operations   |
| 3. 使用温度 | Operating Temperature:        | $-20^{\circ}C \sim +70^{\circ}C$                                      |
| 4. 储存温度 | Storage Temperature:          | $-40^{\circ}C \sim +85^{\circ}C$                                      |
| 5. 可焊性  | Solderability:                | After flux $230 \pm 5^{\circ}C$ for $5 \pm 0.5$ seconds, 95% coverage |
| 6. 耐焊接热 | Resistance to soldering heat: | $250 \pm 2^{\circ}C$ for $10 \pm 1$ seconds                           |

**焊接**

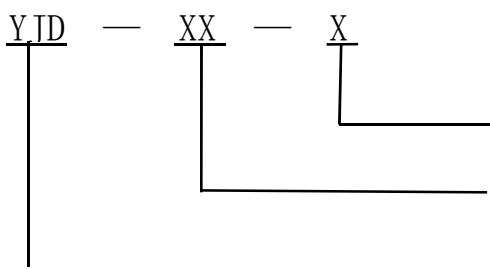
- 在所有操作过程中, 请确保开关在OFF位置
- 波焊: (DIP型) 推荐焊接焊锡温度为  $250^{\circ}C$ , 最多10秒
- 手焊: 使用30W烙铁控制温度在  $350^{\circ}C$ , 焊接时间大约5秒钟

**SOLDERING PROCESSES**

- Keep all switch contacts in their "OFF" position for all operations
- WAVE SOLDERING: Recommended solder temperature at  $250^{\circ}C$  max. 10 seconds
- HAND SOLDERING: Use a soldering iron of 30 solder Watts controlled at  $350^{\circ}C$  approximately 5 seconds. While applying

**型号命名 PRODUCT NAMING:**

YJD — XX — X

外壳颜色: H为红色 L为蓝色 B为黑色  
Cover Color: H:red L:blue B:black

产品位数 Position of Product

YJD系列 YJD Series



产品位数 Product position

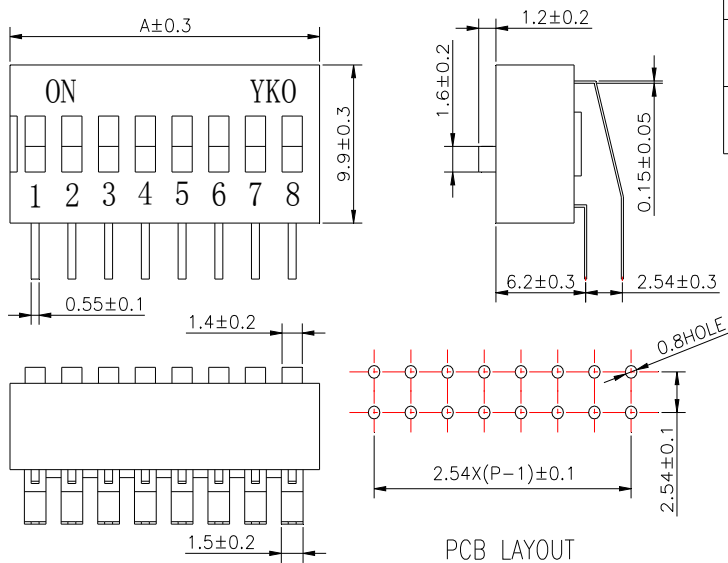
02	03	04	05	06	07	08	09	10	12
二位	三位	四位	五位	六位	七位	八位	九位	十位	十二位
two	three	four	five	six	seven	eight	nine	ten	twelve

外形及装配尺寸 Shape and Assembly size

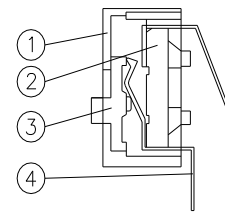
DIMENSION A (General tolerance:  $\pm 0.3$ )

POSITIONS	2	3	4	5	6	7	8	9	10	12
A	6.62	9.16	11.7	14.24	16.78	19.32	21.86	24.4	26.94	32.02

YJD DIMENSIONS Unit:mm



ITEM	DES	MATERIALS	TREATMENT
1	COVER	ENGINEERING PLASTICS	RED, BLUE, BLACK
2	BASE	ENGINEERING PLASTICS	BLACK
3	KEY	ENGINEERING PLASTICS	WHITE
4	TERMINAL	ALLOY COPPER	PLATING GOLD



产品包装: PAKCING

所有拨码产品皆以 IC 管形式包装。  
All Code Switches are shipped in standard IC tube  
YJD 系列包装资料(Packing of YJD)

系列 SERIES	开关位数 NO. of POS	每管数量 PER TUBE	每小箱数量 PER BOX	外箱包装 PER CTN
YJD	2	72PCS	6480PCS	6 BOXES 55.5X30.5X40CM
YJD	3	52PCS	4680PCS	
YJD	4	40PCS	3600PCS	
YJD	5	33PCS	2970PCS	
YJD	6	28PCS	2520PCS	
YJD	7	24PCS	2160PCS	
YJD	8	21PCS	1890PCS	
YJD	9	19PCS	1710PCS	
YJD	10	17PCS	1530PCS	
YJD	12	14PCS	1260PCS	

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