

【*】[®] 慈溪市东威电子有限公司
CIXI CITY DONGWEI ELECTRONICS CO., LTD

SPECIFICATION

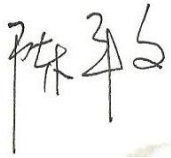


客 户
 CUSTOMER: _____

品 名
 TITLE: 拨码开关 (DIP SWITCH)

型 号
 PART ON.: VDG/S-08L-R

客 户 型 号
 CUSTOMER PART NO.: _____

日 期
 DATE: _____

| | | | |
|---|-------------------|--|---|
| 制 样 DESIGNED BY | 审 核 CHECKED BY | 批 准 APPROVED BY | 送样印 SENDING PRINT |
|  | Alice |  |  |
| 客 户 确 认 CUSTOMER APPROVAL | | 承 认 印 APPD PRINT | |
| | | | |

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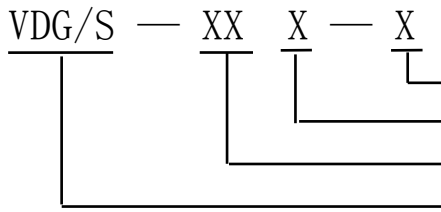
制品规格 SPECIFICATIONS OF PRODUCTS

| | | | | | |
|----------------------|--------------|---------------------|-----------|--------------------|-----------------|
| 文件编号 DOCUMENT NO. | DW-SP-013-08 | 发行日期 ISSUED DATE | 2012-4-17 | 版本: 2.0 VERSION | 页次: 2/3 PAGE |
|----------------------|--------------|---------------------|-----------|--------------------|-----------------|

1. 材料 MATERIALS

| | | |
|--|--------------------|---|
| | 上盖: 工程塑料, 红色、蓝色、黑色 | COVER: Engineering Plastics, Red、Blue、Black |
| | 底座: 工程塑料, 黑色 | BASE: Engineering Plastics, Black |
| | 按键: 工程塑料, 白色 | KEY: Engineering Plastics, White |
| | 端子: 铜合金, 镀金或者镀银 | TERMINAL: Alloy Copper, Plating Gold or Ag |

2. 产品命名 PRODUCT NAMING



R为环保型 0为普通型 R:rohs 0:common
 外壳颜色:H:为红色 L:为蓝色 B:为黑色 Color: H:red L:blue B:black
 产品位数 Position of product
 V系列 V series
 XG/S=DG/S:按键方式为平拨 XG/S=DG/S:key is flat
 XG/S=PG/S:按键方式为侧拨 XG/S=PG/S:key is side

3. 产品位数代号 NUMBER OF POSITIONS

| | | | | | | | | | | |
|-----|-----|-------|------|------|-----|-------|-------|------|-----|--------|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 12 |
| 一位 | 二位 | 三位 | 四位 | 五位 | 六位 | 七位 | 八位 | 九位 | 十位 | 十二位 |
| one | two | three | four | five | six | seven | eight | nine | ten | twelve |

4. 电气性能 ELECTRICAL CHARACTERISTICS

| 项目 ITME | | 性能 PERFORMANCE |
|---------|--|---------------------------------|
| 4.1 | 接触电阻(初始值) CONTACT RESISTANCE (INITIAL) : | ≤50mΩ |
| 4.2 | 接触电阻(测试后) (AFTER LIFE TEST) : | ≤100mΩ |
| 4.3 | 开关容量(开关常切换) CONTACT RATING (CONTACT RATING) : | 25mA 24VDC |
| 4.4 | 开关容量(开关不常切换) CONTACT RATING (NON-CONTACT RATING) : | 100mA |
| 4.5 | 绝缘电阻 INSULATION RESISTANCE: | ≥100MΩ .Min.at 500VDC |
| 4.6 | 耐压强度 DIELECTRIC STRENGTH: | 500VAC Min. for 60 seconds. 1mA |
| 4.7 | 极际电容 CAPACITANCE BETWEEN ADJACENT SWITCHES: | ≤5PF |



5. 机械特性 MECHANICAL

| 项目 ITME | | 性能 PERFORMANCE |
|---------|-----------------------------|---|
| 5.1 | 操作力 OPERATION FORCE: | ≤8N |
| 5.2 | 机械寿命 MECHANICAL LIFE: | 2000 operations |
| 5.3 | 使用温度 OPERATING TEMPERATURE: | -20℃ ~ +70℃ |
| 5.4 | 储存温度 STORAGE TEMPERATURE: | -40℃ ~ +85℃ |
| 5.5 | 可焊性 SOLDERABILITY: | After flux 230±5℃for 5 ±0.5seconds, 95%coverage |



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| 项目 ITME | | | | 性能 PERFORMANCE | |
| 5.6 | 耐焊接热 RESISTANCE TO SOLDERING HEAT: | | | 260±5°C for 5±1seconds | |



6. 焊接和清洗 SOLDERING AND CLEANING PROCESSES

| | | |
|-----|----------------------------------|---|
| 6.1 | 在所有操作过程中, 请确保开关在OFF位置 | Keep all switch contacts in their "OFF" position for all operations |
| 6.2 | 波焊: 推荐焊接焊锡温度为500° F(260°C), 最多5秒 | WAVE SOLDERING: Recommended solder temperature at 500° F(260°C) max.5 seconds |
| 6.3 | 手焊: 使用30W烙铁控制温度在350°C, 焊接时间大约5秒钟 | HAND SOLDERING: Use a soldering iron of 30 Watts controlled at 350°C approximately 5 seconds. While |

7. 产品包装 PACKING

| | | |
|-----|--------------------------------|---|
| 7.1 | 所有拨码产品皆以IC管形式包装 VDG/S系列包装资料 | All Code Switches are shipped in standard IC tube Packing of VDG/S |
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| | | |

| 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 |
|--------------|-------------------|------------------|------------------|---------------------------|
| VDG/S | 1 | 118PCS | 10620PCS | 6 BOXES 55.5×30.5×40CM |
| VDG/S | 2 | 72PCS | 6480PCS | |
| VDG/S | 3 | 52PCS | 4680PCS | |
| VDG/S | 4 | 40PCS | 3600PCS | |
| VDG/S | 5 | 33PCS | 2970PCS | |
| VDG/S | 6 | 28PCS | 2520PCS | |
| VDG/S | 7 | 24PCS | 2160PCS | |
| VDG/S | 8 | 21PCS | 1890PCS | |
| VDG/S | 9 | 19PCS | 1710PCS | |
| VDG/S | 10 | 17PCS | 1530PCS | |
| VDG/S | 12 | 14PCS | 1260PCS | |

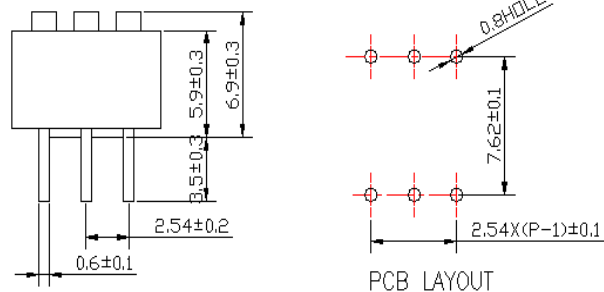
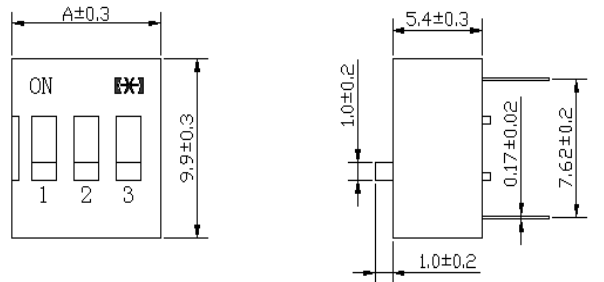
8. 产品外形及装配图纸 SHAPE AND ASSEMBLY SIZE

DIMENSION A (General tolerance: ±0.3)

| POSITIONS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 |
|-----------|------|------|------|------|-------|-------|-------|-------|------|-------|-------|
| A | 4.08 | 6.62 | 9.16 | 11.7 | 14.24 | 16.78 | 19.32 | 21.86 | 24.4 | 26.94 | 32.02 |

| 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 |

VDG/S DIMENSIONS Unit:mm



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