

| PRODUCT NO.  | RoHS compliant |
|--------------|----------------|
| DSDA03LHGETR |                |

| REV. | ECN NO. | DR | DATE |
|------|---------|----|------|
|      |         |    |      |

#### Note:

1. All dimensions are in millimeters.
2. General tolerance:  $\pm 0.2\text{mm}$ .
3. Material:

Base:UL94V-0 PBT Thermoplastic(Black).  
Cover:UL94V-0 PBT Thermoplastic(Black/Red/Blue).  
Actuators:UL94V-0 PBT Thermoplastic(White).  
Contact plating:Gold plating over nickel.  
Pitting material:Epoxy.

#### 4. Electrical

Electrical:2000 Operations per switch 24/VDC, 25mA.  
Non-Swithing Rating:100mA, 50/VDC.  
Swithing Rating:25mA, 24/VDC  
Contact Resistance:100 m $\Omega$  Max.at initial.

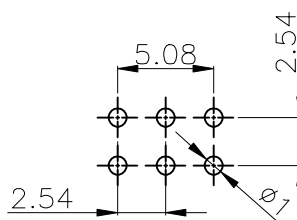
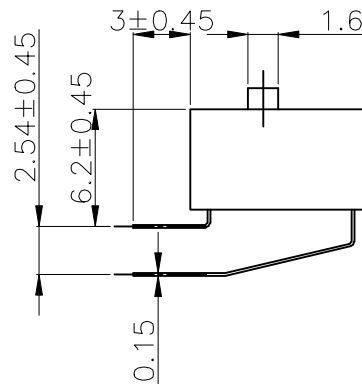
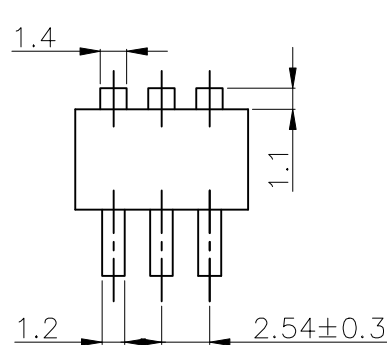
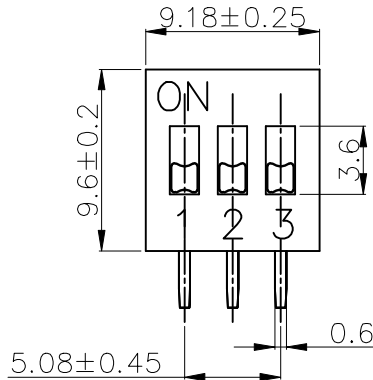
#### 5. Mechanical

Mechanical life:2000 Operations per switch.  
Stroke:2.0mm.  
Operation Temp:-20 $^{\circ}\text{C}$  to 70 $^{\circ}\text{C}$ .  
Storage Temp:-40 $^{\circ}\text{C}$  to 85 $^{\circ}\text{C}$ .

#### 6. PART NUMBER DESCRIPTION:

DS DA 03 L H G E T R

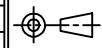
[Color of Cover:R=Red B=Blue K=Black]  
[Packing:T=Tube R=Reel]  
[Finish: E=1  $\mu$ "-3  $\mu$ " Gold-plated]  
[Finish: G=Full Gold S=Contat-Gold-plated, Terminal-Tin-Plated]  
[Terminal:S=SMD type H=Strait.....]  
[Actuator:T=Tape sealed S=Low profile W/O Tape L=Extension]  
[HP=Half-Pitch IC=IC type type WB=WB type]



P.C.B LAYOUT

#### 注意:

1. 波峰焊: 推荐焊锡温度在270 $^{\circ}\text{C}$   $\pm$  5 $^{\circ}\text{C}$ , 浸锡时间为5~6秒钟。
2. 手工焊: 使用30瓦烙铁控制温度在320 $^{\circ}\text{C}$ , 焊接时间大约2~3秒钟。
3. 拨柄位置: 产品焊接时, 请将产品的拨柄置于OFF端, 能给予产品更好的接触性能。
4. 清洗过程: 清洗使用超音波方式, 能给予更好的效果。

| TOLERANCE UNLESS OTHERWISE SPECIFIED |               | INSPECTION COPY                                                                       |  |
|--------------------------------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| LINEAR                               | ANGLES        | PROJECTION                                                                            |                                                                                       |
| .0 $\pm$ 0.40                        | 0. $\pm$ 1'   |  | TITLE                                                                                 |
| .00 $\pm$ 0.30                       | .0 $\pm$ 0.5' |                                                                                       | BY DSDA SERIES PITCH 2.54mm                                                           |
| .000 $\pm$ 0.20                      | .00 $\pm$     | 2013/01/02                                                                            | PRODUCT FAMILY DSDA SERIES                                                            |
| DESIGN LU ER XIN                     |               |                                                                                       | PRAT NO. DSDA03LHGETR                                                                 |
| DRAWING                              |               |                                                                                       | FILE NO. DSDA03LHGETR-A                                                               |
| CHECK                                |               |                                                                                       | SIZE UNIT SCALE SHEET REV.                                                            |
| APPD.                                |               |                                                                                       | A4 mm FIT 1 OF 1 A                                                                    |