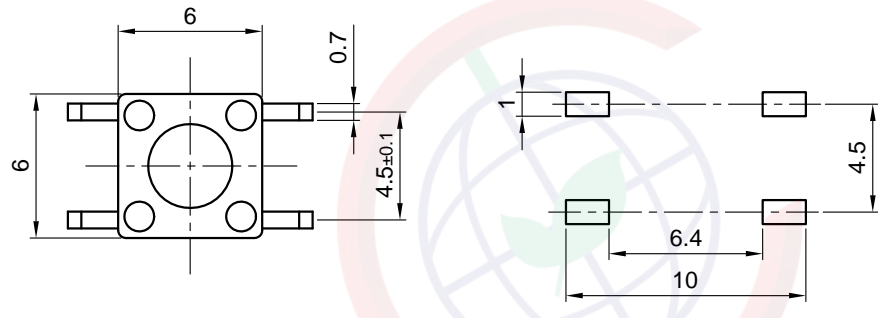
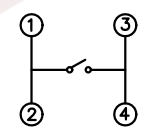
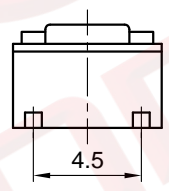
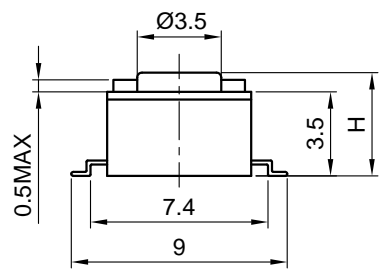


| | |
|------|---|
| Dept | |
| Qty | |
| DC | 1 |
| ED | 1 |
| IE | 1 |
| ISO | 1 |
| PD | 1 |
| R&D | 1 |
| SD | 1 |
| QA | 1 |
| QC | 1 |
| QE | 1 |

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Recommend PCB layout
Tolerance:±0.05



Circuit diagram



(Series Image-Reference Only)

| REV. | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|------|----------------|---------------|---------------|---------------|
| A | NEW RELEASE | LL 23/06/05 | | LJC 23/06/05' |
| B | DRAWING UPDATE | JLZ 08/24/16' | HZW 08/24/16' | LJC 08/24/16' |
| D | DRAWING UPDATE | JLZ 01/16/19' | | |

NOTES:

- Specifications
 - Switch Function: Single Pole Single Throw
 - Contact Rating: 50mA at 12Vdc
 - Insulation Resistance:100MΩ min.
 - Contact Resistance:100mΩ max.
 - Operating Life:100,00 cycles
 - Stop Strength: Place The Switch Such That Vertical, A Static Load Of 3Kgf Shall Be Applied In The Direction
 - Operation Temperature Range: -25°C to +70°C
 - Wave Soldering: Recommended Solder Temperature At 500°f(260°C)max. 5 Seconds,Subject To PCB 1.6mm Thickness.
 - Hand Soldering: Use Soldering Iron Of 30 Watts,Controlled At 608°f(320°C)Approximately 2 Seconds.

2. Product number code:

| | | | | | | | | |
|-------------|------------------------|-------------------|-----------|-----------|---|---|---|--|
| DS1042-03 - | X | X | X | X | X | X | X | |
| | Operating Life | | | | | | | |
| | 5: 50000 cycles | 10: 100000 cycles | | | | | | |
| | 20: 200000 cycles | | | | | | | |
| | Operating Force | | | | | | | |
| | 130: 130gf | 160: 160gf | | | | | | |
| | 170: 170gf | 250: 250gf | | | | | | |
| | Packing Type | | | | | | | |
| | A: Polybag | B: Tube | | | | | | |
| | R: Tape & Reel | | | | | | | |
| | Actuator Color | | | | | | | |
| | K: Black | N:Brown | | | | | | |
| | Housing Color | | | | | | | |
| | K: Black | N:Brown | | | | | | |
| | Profile Height(DIM. H) | | | | | | | |
| | 1:4.3mm | 2:5.0mm | 3:7.0mm | 4:7.3mm | | | | |
| | 5:9.5mm | 6:13.0mm | 7:7.5mm | 8:8.0mm | | | | |
| | 9:8.5mm | 10:12.0mm | 11:12.5mm | 12:17.0mm | | | | |
| | 13:7.8mm | 14:9.0mm | 15:10.0mm | 16:11.0mm | | | | |
| | 17:15.0mm | 18:5.3mm | 19:5.5mm | | | | | |
| | Size | | | | | | | |
| | 1: 6mm*6mm | | | | | | | |

| | | | | | | |
|-------------------|-----------------------|--|----|--------|------------------------------|--|
| GENERAL TOLERANCE | ANGLE TOLERANCE | PROJECTION | | TITLE | TACT SWITCH SMT TYPE 6mmX6mm | |
| X. ±0.60 | X. ±5° | UNITS | mm | SHEET | 1 OF 3 | |
| .X ±0.38 | .X ±3° | SHEET SIZE | A4 | SERIES | DS1042-03 SERIES | |
| .XX ±0.25 | .XX ±2° | 晨翔电子有限公司 CONNFLY CONNELY ELECTRONIC CO. LTD | | | | |
| DRAWING TYPE | CUSTOMER | | | | | |
| SCALE | 1:1 | | | | | |
| DRAWING NO. | C-DS1042-03-1XXXXXX-D | | | | | |

| | |
|------|---|
| Dept | |
| Qty | |
| DC | 1 |
| ED | 1 |
| IE | 1 |
| ISO | 1 |
| PD | 1 |
| R&D | 1 |
| SD | 1 |
| QA | 1 |
| QC | 1 |
| QE | 1 |

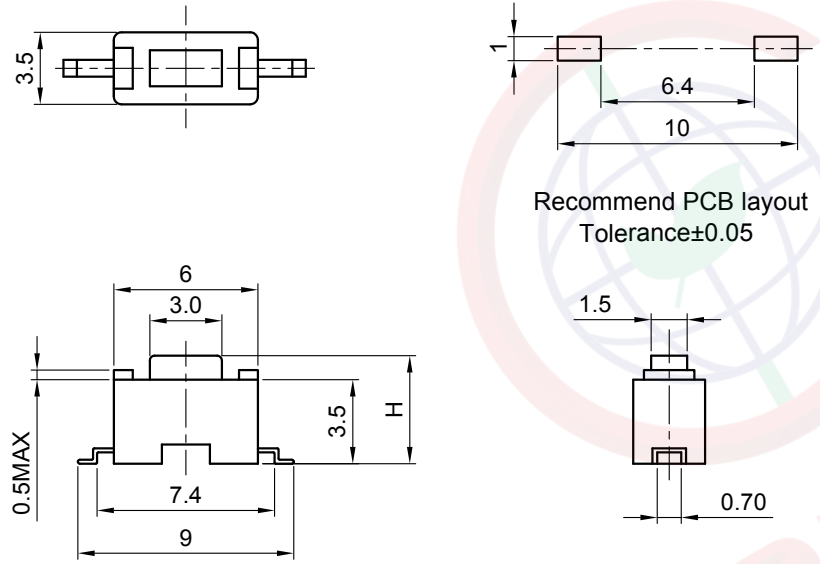
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| REV. | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|------|----------------|---------------|---------------|---------------|
| A | NEW RELEASE | LL 23/06/05 | | LJC 23/06/05' |
| B | DRAWING UPDATE | JLZ 08/24/16' | HZW 08/24/16' | LJC 08/24/16' |
| D | DRAWING UPDATE | JLZ 01/16/19' | | |

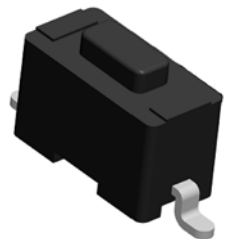
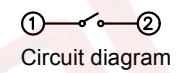
NOTES:

- Specifications
 - Switch Function: Single Pole Single Throw
 - Contact Rating: 50mA at 12Vdc
 - Insulation Resistance: 100MΩ min.
 - Contact Resistance: 100mΩ max.
 - Operating Life: 100,00 cycles
 - Stop Strength: Place The Switch Such That Vertical, A Static Load Of 3Kgf Shall Be Applied In The Direction
 - Operation Temperature Range: -25°C to +70°C
 - Wave Soldering: Recommended Solder Temperature At 500°F(260°C)max. 5 Seconds, Subject To PCB 1.6mm Thickness.
 - Hand Soldering: Use Soldering Iron Of 30 Watts, Controlled At 608°F(320°C) Approximately 2 Seconds.
- Product number code:

| | | | | | | | |
|-------------|----------------|-----------------|-------------------|------------------------|-----------------|------------|----------------|
| DS1042-03 - | X | X | X | X | X | X | |
| | Operating Life | 5: 50000 cycles | 10: 100000 cycles | 20: 200000 cycles | Operating Force | 130: 130gf | 160: 160gf |
| | | 170: 170gf | 250: 250gf | Packing Type | A: Polybag | B: Tube | R: Tape & Reel |
| | | | | Actuator Color | K: Black | N: Brown | |
| | | | | Housing Color | K: Black | N: Brown | |
| | | | | Profile Height(DIM. H) | 1: 4.3mm | 2: 5.0mm | 3: 7.0mm |
| | | | | | 4: 7.3mm | 5: 9.5mm | 6: 13.0mm |
| | | | | | 7: 7.5mm | 8: 8.0mm | 9: 8.5mm |
| | | | | | 10: 12.0mm | 11: 12.5mm | 12: 17.0mm |
| | | | | | 13: 7.8mm | 14: 9.0mm | 15: 10.0mm |
| | | | | | 16: 11.0mm | 17: 15.0mm | 18: 5.3mm |
| | | | | | 19: 5.5mm | Size | 2: 3mm*6mm |



Recommend PCB layout
Tolerance ±0.05



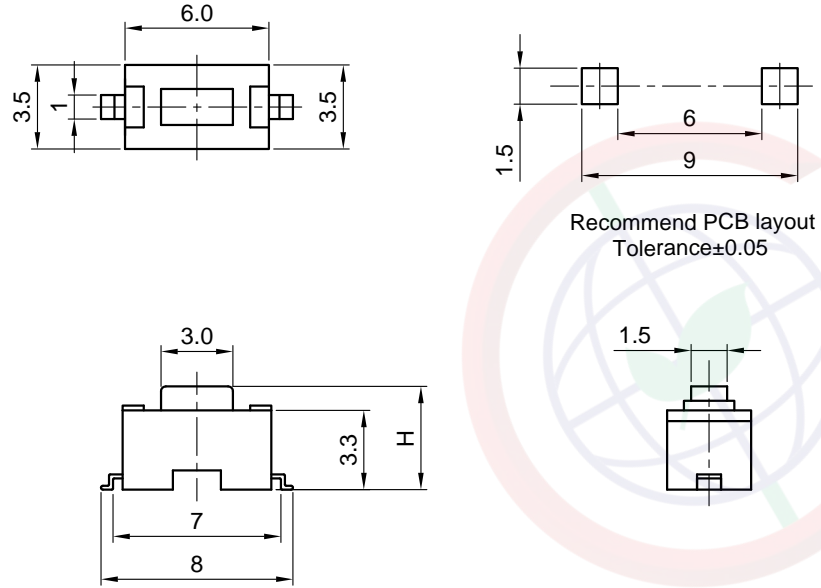
(Series Image-Reference Only)

| | | | | | | | |
|-------------------|-----------------------|------------|--|------------|--------------------------------|------------------|--------|
| GENERAL TOLERANCE | ANGLE TOLERANCE | PROJECTION | | TITLE | TACT SWITCH SMT TYPE 3.5mmX6mm | | |
| X. ±0.60 | X. ±5° | UNITS | mm | SHEET SIZE | A4 | SERIES | |
| .X ±0.38 | .X ±3° | | | | | DS1042-03 SERIES | |
| .XX ±0.25 | .XX ±2° | | | | | | |
| DRAWING TYPE | CUSTOMER | | 晨翔电子有限公司 CONNELY ELECTRONIC CO., LTD | | | | |
| SCALE | 1:1 | SHEET | | | | | 2 OF 3 |
| DRAWING NO. | C-DS1042-03-2XXXXXX-D | | | | | | |

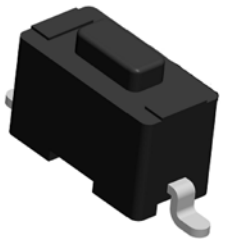
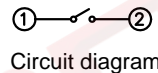
| | |
|------|---|
| Dept | |
| Qty | |
| DC | 1 |
| ED | 1 |
| IE | 1 |
| ISO | 1 |
| PD | 1 |
| R&D | 1 |
| SD | 1 |
| QA | 1 |
| QC | 1 |
| QE | 1 |

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| REV. | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|------|----------------|---------------|---------------|---------------|
| A | NEW RELEASE | LL 23/06/05 | | LJC 23/06/05' |
| B | DRAWING UPDATE | JLZ 08/24/16' | HZW 08/24/16' | LJC 08/24/16' |
| D | DRAWING UPDATE | JLZ 01/16/19' | | |



Recommend PCB layout
Tolerance±0.05



(Series Image-Reference Only)

NOTES:

- Specifications
 - Switch Function: Single Pole Single Throw
 - Contact Rating: 50mA at 12Vdc
 - Insulation Resistance:100MΩ min.
 - Contact Resistance:100mΩ max.
 - Operating Life:100,00 cycles
 - Stop Strength: Place The Switch Such That Vertical, A Static Load Of 3Kgf Shall Be Applied In The Direction
 - Operation Temperature Range: -25°C to +70°C
 - Wave Soldering: Recommended Solder Temperature At 500°f(260°C)max. 5 Seconds,Subject To PCB 1.6mm Thickness.
 - Hand Soldering: Use Soldering Iron Of 30 Watts,Controlled At 608°f(320°C)Approximately 2 Seconds.
- Product number code:

| | | | | | | | |
|-------------|------------------------|-----------------|-------------------|-------------------|-----------------|------------|------------|
| DS1042-03 - | X | X | X | X | X | X | |
| | Operating Life | 5: 50000 cycles | 10: 100000 cycles | 20: 200000 cycles | Operating Force | 130: 130gf | 160: 160gf |
| | | | | | 170: 170gf | 250: 250gf | |
| | Packing Type | A: Polybag | B: Tube | R: Tape & Reel | Actuator Color | K: Black | N: Brown |
| | | | | | Housing Color | K: Black | N: Brown |
| | Profile Height(DIM. H) | 1:4.3mm | 2:5.0mm | 3:7.0mm | 4:7.3mm | 5:9.5mm | 6:13.0mm |
| | | 7:7.5mm | 8:8.0mm | 9:8.5mm | 10:12.0mm | 11:12.5mm | 12:17.0mm |
| | | 13:7.8mm | 14:9.0mm | 15:10.0mm | 16:11.0mm | 17:15.0mm | 18:5.3mm |
| | | 19:5.5mm | | | | | |
| | Size | 3: 3.5mm*6mm | | | | | |

| | | | | | | |
|-------------------|-----------------------|--|--------|------------|--------------------------------|-------------------------|
| GENERAL TOLERANCE | ANGLE TOLERANCE | PROJECTION | | TITLE | TACT SWITCH SMT TYPE 3.5mmX6mm | |
| X. ±0.60 | X. ±5° | UNITS | mm | SHEET SIZE | A4 | SERIES DS1042-03 SERIES |
| .X ±0.38 | .X ±3° | 晨翔电子有限公司 CONNELY CONNELY ELECTRONIC CO. LTD | | | | |
| .XX ±0.25 | .XX ±2° | | | | | |
| DRAWING TYPE | CUSTOMER | | | | | |
| SCALE | 1:1 | SHEET | 3 OF 3 | | | |
| DRAWING NO. | C-DS1042-03-3XXXXXX-D | | | | | |