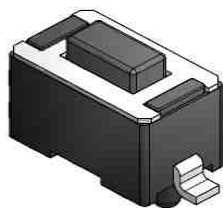


EDCON-COMPONENTS



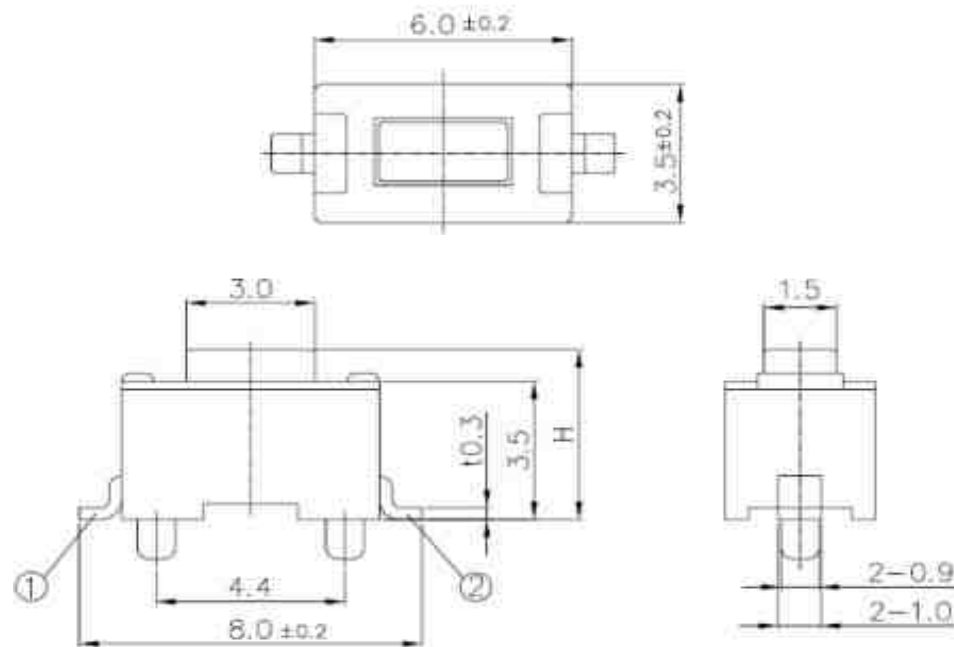
SPECIFICATION:

| | |
|------------------------|------------------------|
| Current Rating: | DC12V / 50mA |
| Insulator Resistance: | 100 Mega Ω min. |
| Contact Resistance: | 100 m Ω max. |
| Travel: | 0,25 / +/- 0,1mm |
| Operating Temperature: | -.40°C to +105°C |
| Lifetime: | look order code |
| Operating Force: | look order code |

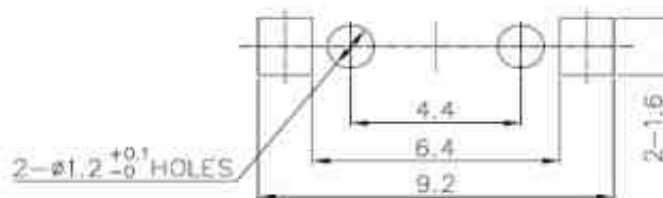
Common Specifications

| | |
|---------------------|--|
| Life Test | 50/80 Cycles / Min with 5VDC 5mA Resistive load Cycles of Operation: As per individual Specifications |
| Dry Heat Proof | 80°C +/- 2°C for 96hours after Test Kept in Normal Condition for 30Min. |
| Moisture Resistance | 60°C +/- 2°C 90~95% RH for 96 Hours After Test, Kept in Normal Condition for 30 Minutes |
| Cold Proof | . 30°C for 96 Hours After Test Kept in Normal Condition for 30 Minutes. |
| Operating Force | If refers to the maximum load at the time of switching over of the contacts. (Point A in the figure) |
| Travel | This refers to the state of repeating the contact opening or closing momentarily at the time of the changeover of the switch to ON or OFF. Longer duration of this state |

Drawing



PCB Layout



Circuit Diagram



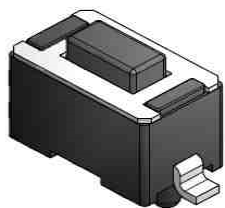
SMT TACT SWITCH

Part No.: **Q12028**

Customer:

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 02.07.2009 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 1 from 3 | |

EDCON-COMPONENTS



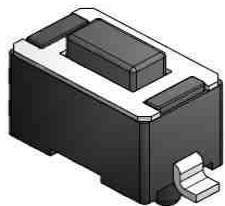
Ordering Informations

| Serie | Total length look Table 1 | Function | Operating Force | Function | Electrical life | Function | ROHS | Packing | | |
|---------------|------------------------------|----------------|--------------------|----------------|---|----------------|--------------------|--------------------|--|--|
| Q12028 | 043 | N | 131 | N | 503 | N | R | TR | | |
| | 043= 4,3mm | N= No function | 131 = 130gr | N= No function | 503= 50000 cycles by 130gr. O-Force | N= No function | N= non ROHS | TR= TAPE / Reel | | |
| | 050= 5,0mm | | 180 = 180gr | | 503= 50000 cycles by 180gr. O-Force | | R= ROHS conform | | | |
| | | | 251 = 250gr | | 303= 30000 cycles by 250gr. O-Force | | | | | |

SMT TACT SWITCH

Part No.: **Q12028**

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 02.07.2009 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 2 from 3 | Customer: |



Soldering Profile for Lead Free Soldering

Classification Reflow Profile (JEDEC J-STD-020C)



SMT TACT SWITCH

Part No.: **Q12028**

Customer:

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 02.07.2009 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 3 from 3 | |