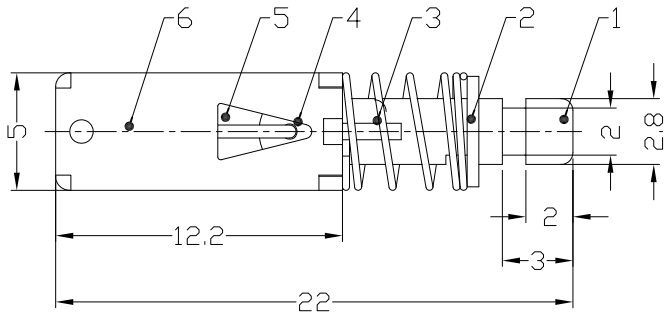
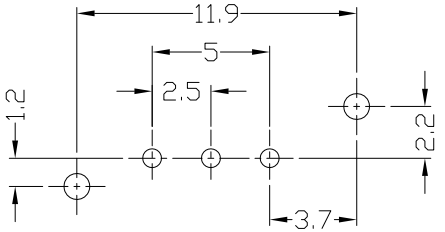
| REV. | ECN. NO. | APPD. |
|---|---|---|
| | | |
| | | |
| | | |

RoHS Compliant 2002/95/EC

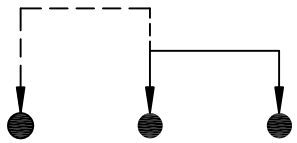
Process Capable

## DIMENSIONS

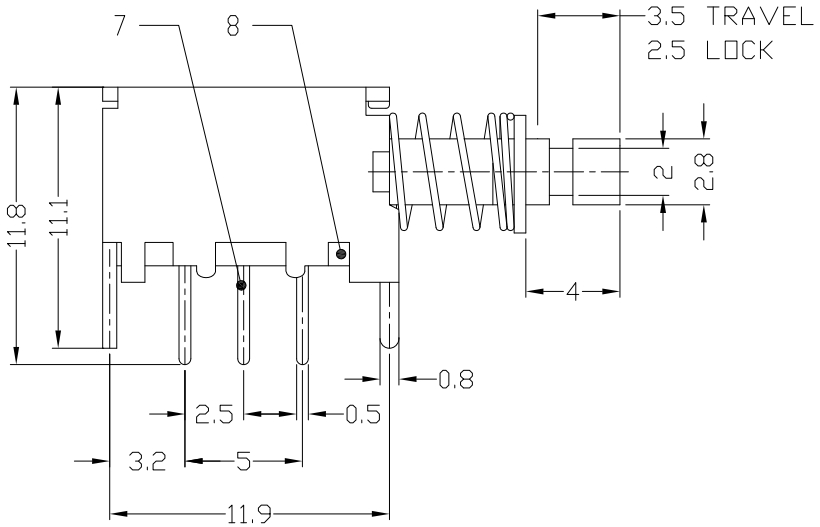


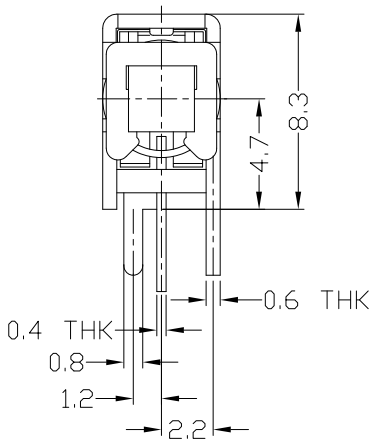




P.C.B LAYOUT



CIRCUIT DIAGRAM




## ELECTRO-MECHANICAL CHARACTERISTICS

Refer to additional specifications

| | | |
|---|---|---|
| RATING | DC50V 0.3A | |
| CIRCUIT | 1P2T | |
| CONTACT RESISTANCE | 30mΩ MAX. | |
| TIMING | NON-SHORTING | |
| OPERATING MODE | SELF-LOCK | AP-12E05L |
| | NON-LOCK | AP-12E15N |
| STROKE | FULL 3.5mm | LOCK 2.5mm |
| OPERATING FORCE | 250±100gf | |
| OPERATING LIFE(cycles) | 10,000 | |

| NO. | PARTS | MATERIAL | Q'TY | FINISHING |
|---|---|---|---|---|
| 8 | TERMINAL | BRASS STRIP | 3 | Ag PLATED OVER Ni PLATED |
| 7 | BASE | PHENOLIC RESIN | 1 | NATURAL |
| 6 | FRAME | STEEL STRIP | 1 | Ni PLATED |
| 5 | LOCK NEEDLE | PBS WIRE | 1 | NATURAL |
| 4 | SPRING PLATE | PBS STRIP | 1 | NATURAL |
| 3 | SPRING | STAINLESS STEEL | 1 | TEMPER |
| 2 | BLOCK | STEEL STRIP | 1 | Ni PLATED |
| 1 | KNOB | POM | 1 | BLUE |

WITHIN 1.5mm: ±0.1mm

OVER 1.5mm: ±0.2mm

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UNITS mm

MAT'L SEE NOTE

FINISH SEE NOTE

Q'TY

DONGGUAN MINGJU ELECTRONICS CO.,LTD

TITLE: PUSH SWITCH / HORIZONTAL

PART NO.: AP-12E05L & AP-12E15N

DR: Ricky 2014/05/06

CHKD: Ricky 2014/05/06

APPD:

DWG NO.: PS-12E05L&15N

| SCALE | SHEET | REV. | |
|---|---|---|---|
| 3:1 | 1/1 | A | CUSTOMER DRAWING |