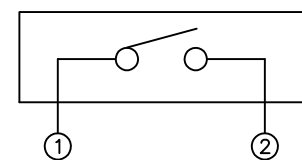
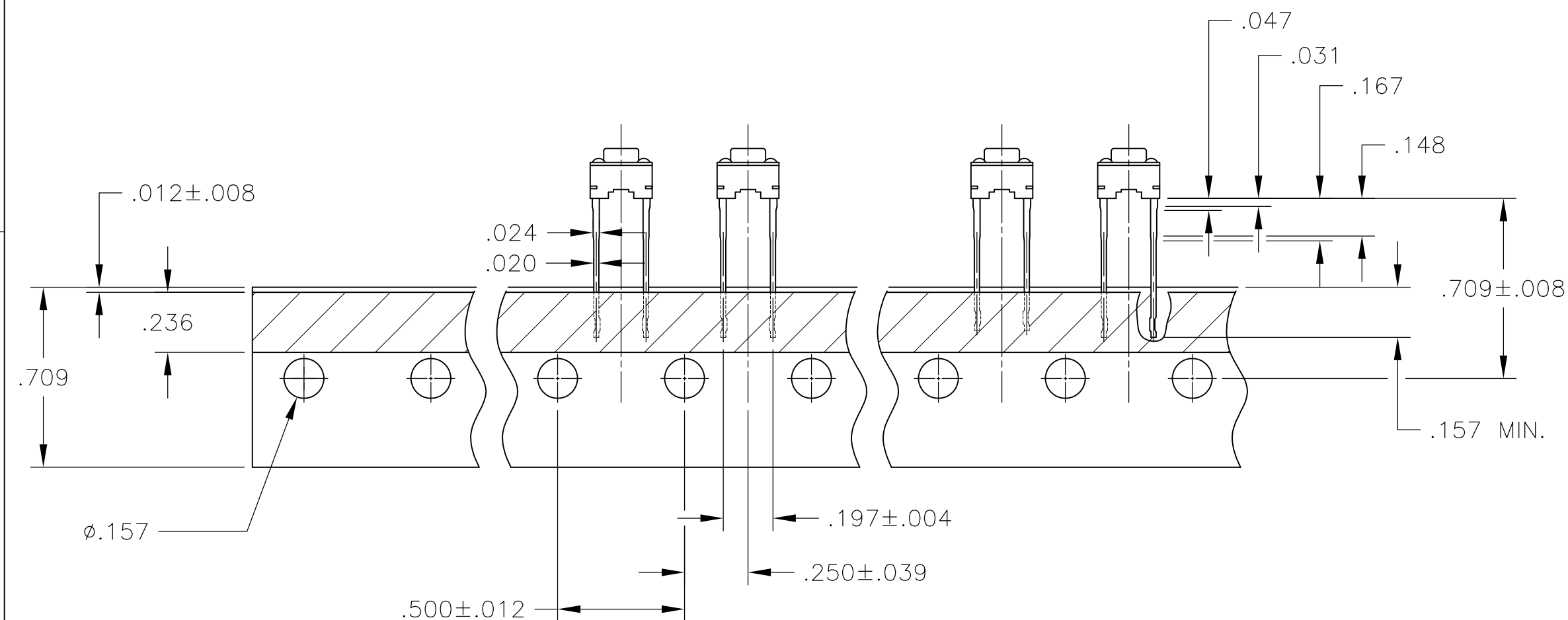


RECOMMENDED HOLE LAYOUT



CIRCUIT DIAGRAM



SPECIFICATIONS:

MATERIALS:
CASE: PBT UL94HB, BLACK.
COVER: STEEL ,TIN PLATE.
ACTUATOR BUTTON: SEE P/N TABLE.
MOVING CONTACT: PHOS BRONZE, SILVER.
FIXED CONTACT/TERMINAL: BRASS, SILVER OVER NICKEL.

ELECTRICAL:
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
CONTACT RESISTANCE: 100 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.
DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE
LIFE EXPECTANCY: 100,000 CYCLES.


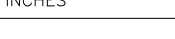
MECHANICAL:
ACTUATION FORCE: SEE P/N TABLE.
ACTUATION TRAVEL: .010 IN, (0.25 mm) APPROX.

ENVIRONMENTAL:
OPERATING TEMPERATURE: -35°C TO +105°C
STORAGE TEMPERATURE: -35°C TO +85°C

SOLDERABILITY:
SOLDERABILITY EIA-364-52, CLASS 1, CATEGORY 2
SOLDER HEAT RESISTANCE PER 109-202 CONDITION B

- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH
EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 2 RADIAL TAPE PACKAGING PER AUGAT SPEC.#295.
- 3 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTIFICATION.

| | | | | | | |
|----------|-----------------|-------------------|----------------|-------------|----------|-------------|
| | 100 +/–50 grams | Nylon 66 | BROWN | .197 (5.0) | FSM4JBRT | 1571010–2 |
| | 160 +/–50 grams | Nylon 66 | BLACK | .512 (13.0) | FSM14JRT | 1571010–1 |
| OBSOLETE | 260 +/–50 grams | PBT | RED | .374 (9.5) | FSM8JART | 147871–1 |
| | 160 +/–50 grams | PBT | BLACK | .374 (9.5) | FSM8JRT | 147694–1 |
| OBSOLETE | 260 +/–50 grams | Nylon 66 | RED | .276 (7.0) | FSM6JART | 1571402–1 |
| OBSOLETE | 160 +/–50 grams | Nylon 66 | BLUE | .276 (7.0) | FSM6JRT | 4–1437565–8 |
| | 260 +/–50 grams | PBT | RED | .197 (5.0) | FSM4JART | 147997–1 |
| | 160 +/–50 grams | Nylon 66 | BLACK | .197 (5.0) | FSM4JRT | 4–1437565–0 |
| | 160 +/–50 grams | PBT | NATURAL | 0.169 (4.3) | FSM2JRT | 2–1437565–6 |
| | 260 +/–50 grams | PBT | RED | 0.169 (4.3) | FSM2JART | 2–1437565–2 |
| | ACTUATION FORCE | ACTUATOR MATERIAL | ACTUATOR COLOR | DIM H | T&B P/N | PART NUMBER |

| | | | | | |
|--|--|---|--|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.BINNER 29SEP05 CHK 29SEP05 M.SARVER 29SEP05 APVD M.SARVER PRODUCT SPEC — APPLICATION SPEC — | |  TE Connectivity | |
| DIMENSIONS: INCHES  | | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .012 4 PLC ± — ANGLES ± ± 1° | | NAME SWITCH, PUSHBUTTON | |
| MATERIAL SEE SPECIFICATIONS | | FINISH SEE SPECIFICATIONS WEIGHT — | | SIZE A2 | CAGE CODE 00779 |
| | | | | DRAWING NO C-2-1437565-2 | |
| | | | | RESTRICTED TO — | |
| | | CUSTOMER DRAWING | | SCALE 4:1 | SHEET 1 of 1 |
| | | | | REV P4 | |

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[1571010-1](#) [FSM4JRT](#) [FSM2JRT](#) [FSM4JART](#) [FSM8JRT](#)