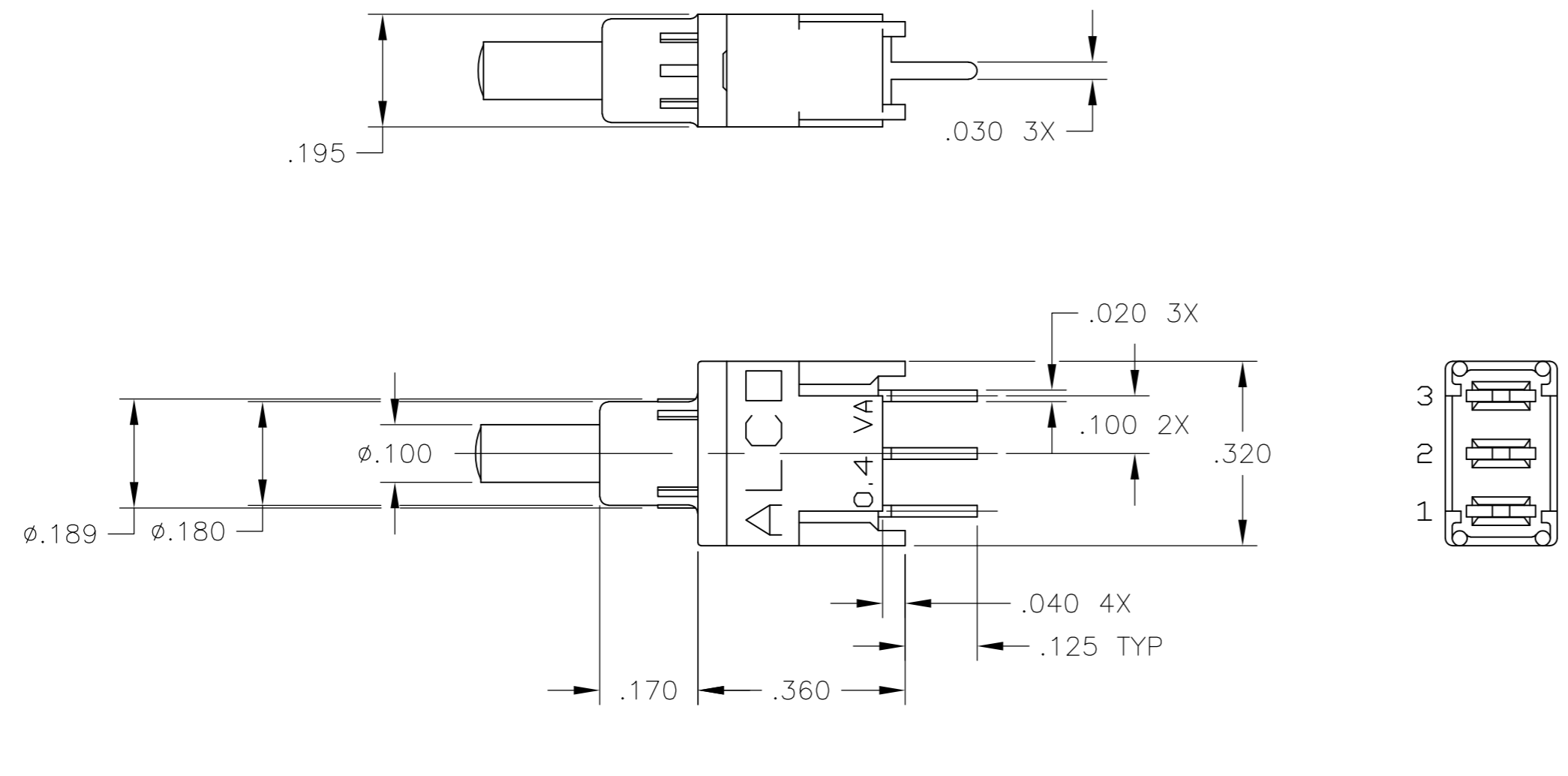
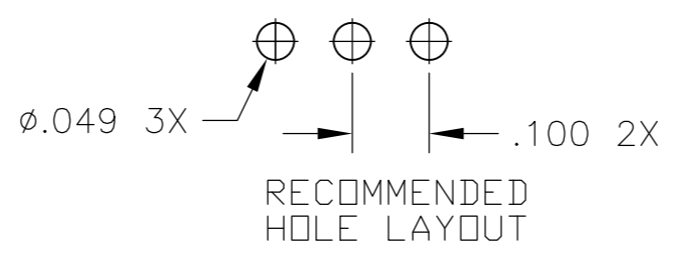


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| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-------------|---------------------------|-----------|------|-----|--|
| P | LTR | DESCRIPTION | DATE | DWN | APVD | | |
| AD | 00 | A1 | REVISED PER ECO-11-005027 | 11MAR11 | RK | HMR | |



PC PC MOUNT



TOLERANCES FOR ALL PCB LAYOUT DIMENSIONS TO BE ±.002

SPECIFICATIONS:

MATERIALS:
 CASE & BUSHING: LCP
 BUTTON: POLYAMIDE
 SPRING: MUSIC WIRE, ZN PLATED
 MOVABLE CONTACT: BRASS OR COPPER ALLOY, AU OVER NI PLATED.
 BRACKET: STEEL, TIN OVER COPPER PLATED
 TERMINALS: BRASS, TIN OVER NICKEL IN SOLDER AREA AND GOLD OVER NI IN CONTACT AREA.
 O-RING: NITRILE

ELECTRICAL:
 CONTACT RATING: 0.4VA @ 20 VAC/DC
 INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
 INSULATION RESISTANCE: 1000 MEGOHMS @ 500V DC MIN.
 DIELECTRIC STRENGTH: **C** 1000 VOLTS RMS AT SEA LEVEL.
F 500 VOLTS RMS AT SEA LEVEL.
 LIFE EXPECTANCY: **C** 80,000 CYCLES
F 60,000 CYCLES.

MECHANICAL:
 ACTUATION TRAVEL: .035

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -22°F TO +185°F
 (-30°C TO +85°C)
 STORAGE TEMPERATURE: -67°F TO +185°F
 (-55°C TO +85°C)

NOTES:

- ALL MATERIALS AND FINISHES COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- F FUNCTION NOT AVAILABLE WITH SRA TERMINATION.

PART NUMBERING SEQUENCE

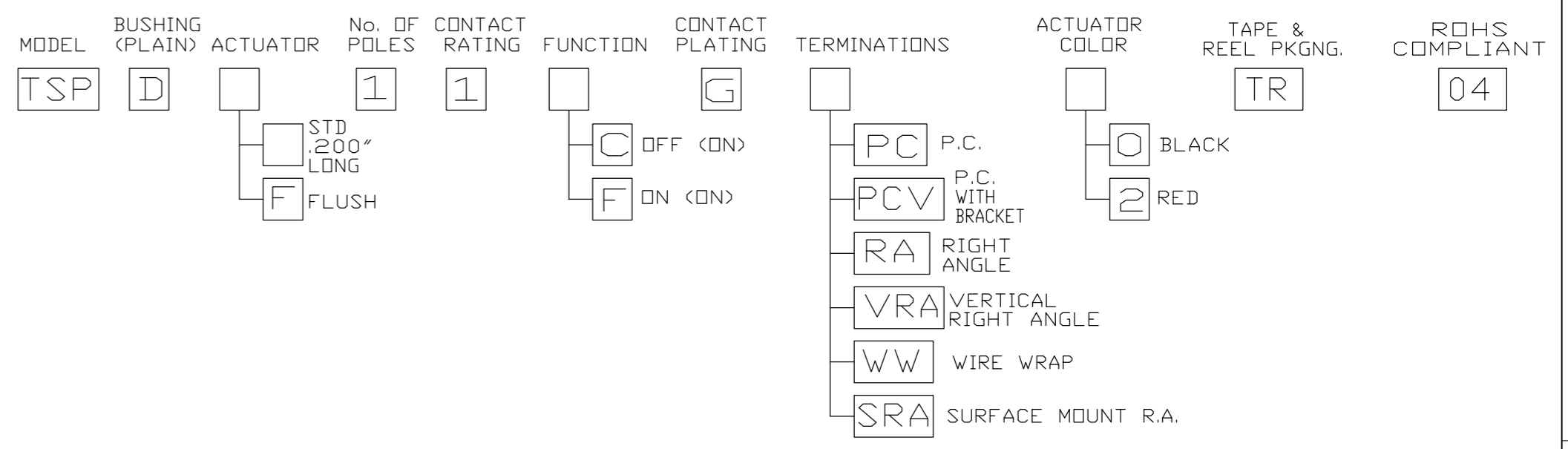


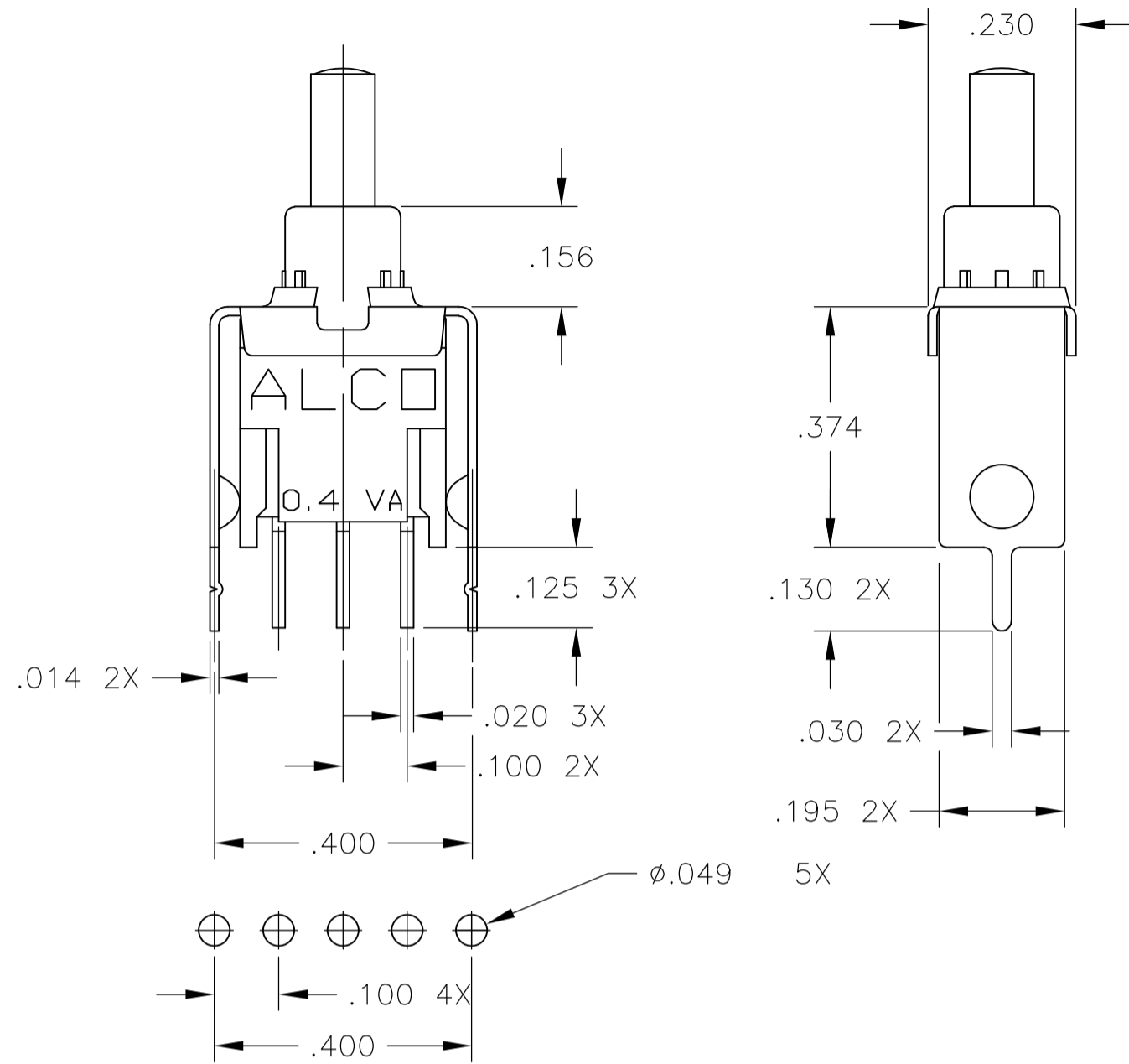
FIGURE I

| FUNCTION CHART | |
|---|-----------------------|
| THE FOLLOWING FUNCTIONS AVAILABLE IN SINGLE POLE. | |
| C 2 POSITIONS OFF (ON) TERMINALS CONNECTED: OMIT CENTER TERMINAL FOR FUNCTION C | 1-3 |
| F 2 POSITIONS ON (ON) TERMINALS CONNECTED: | 1-2 2-3 |
| OFF INDICATES A MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION. (ON) INDICATES MOMENTARY ACTION | |

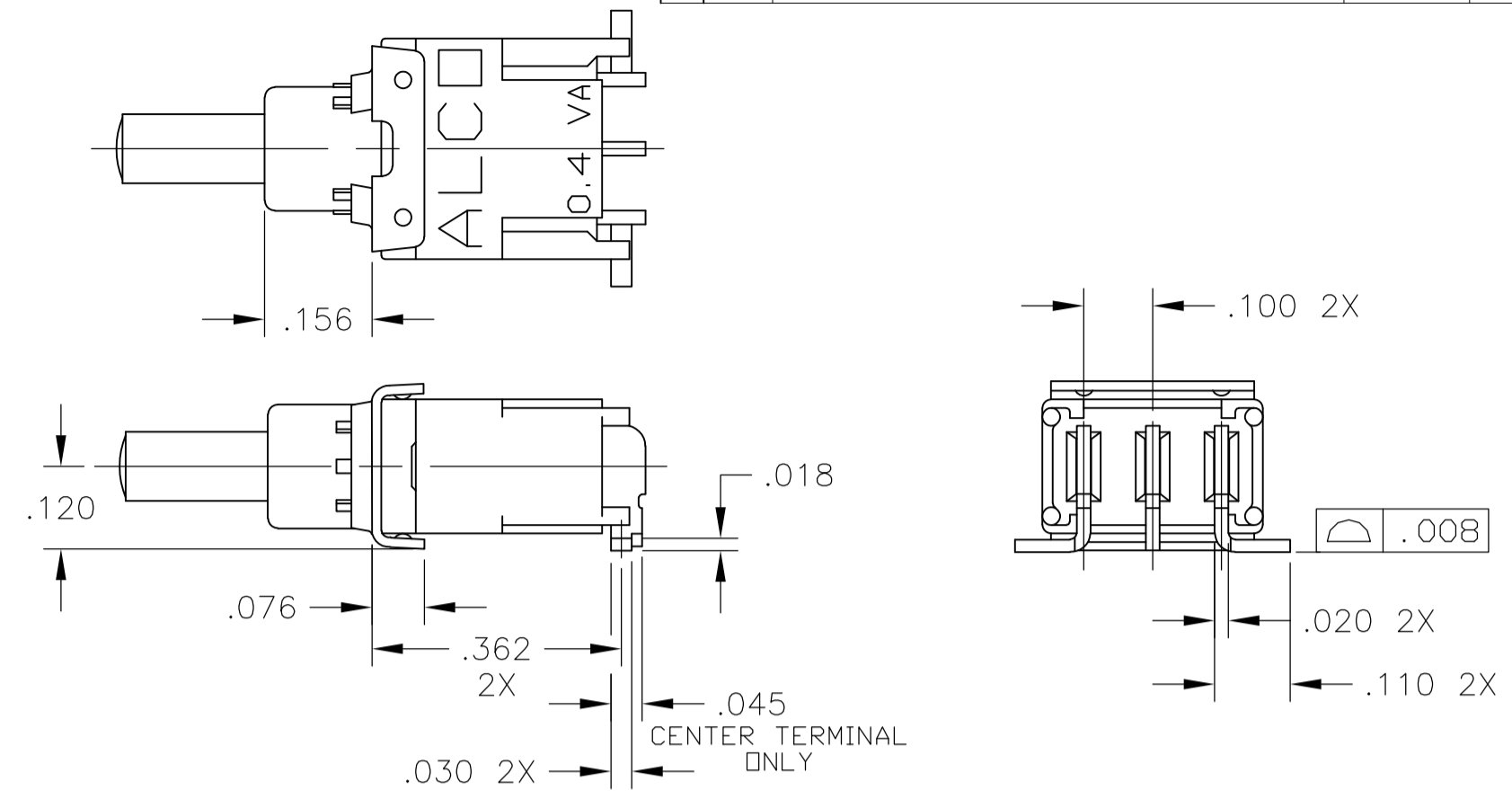
| | | | | |
|--|--|-----------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: M.BINNER 01MAR05 | TE TE Connectivity | |
| DIMENSIONS: INCHES | | CHK: M.ZITTO 01MAR05 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M.ZITTO 01MAR05 | NAME: SEALED PUSHBUTTON SWITCH SINGLE POLE, TSP SERIES, ROHS COMPLIANT | |
| 0 PLC ± - | | PRODUCT SPEC | SIZE: A2 | |
| 1 PLC ± - | | APPLICATION SPEC | CAGE CODE: 00779 | |
| 2 PLC ± - | | WEIGHT: - | DRAWING NO: 1571990 | |
| 3 PLC ± .010 | | FINISH: - | RESTRICTED TO: - | |
| 4 PLC ± - | | CUSTOMER DRAWING | SCALE: 4:1 | |
| ANGLES ± 1° | | SCALE: 4:1 | SHEET: 1 OF 4 | |
| MATERIAL: - | | REV: A1 | | |

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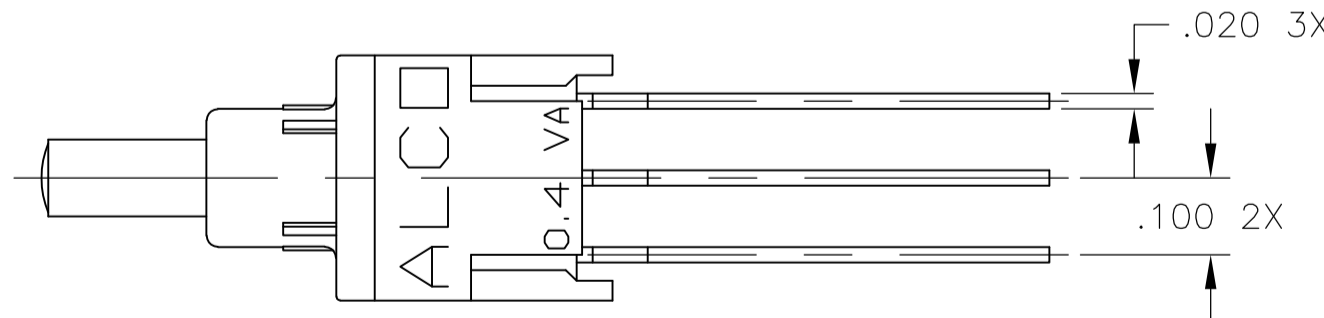
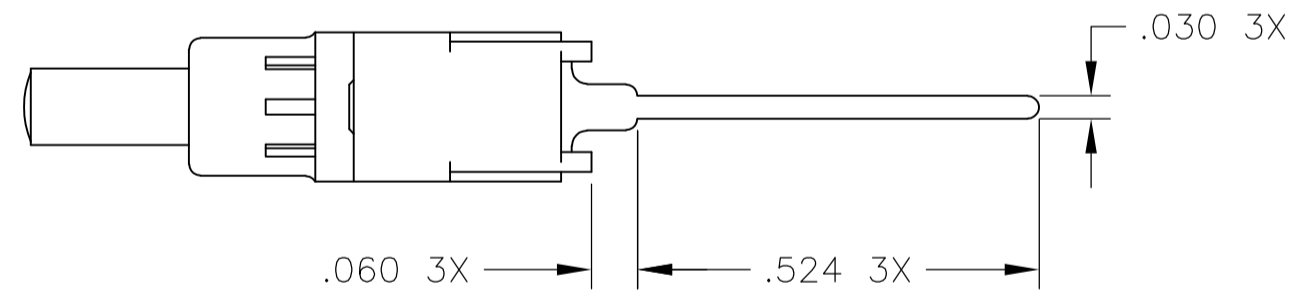
| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-------------|------|-----------|------|--|--|
| P | LTR | DESCRIPTION | DATE | DWN | APVD | | |
| AD | 00 | SEE SHEET 1 | - | - | - | | |



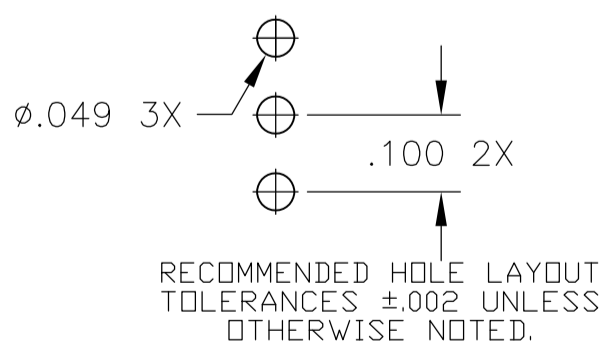
PCV PC WITH VERTICAL SUPPORT BRACKET



SRA SURFACE MOUNT RIGHT ANGLE, "L" BEND



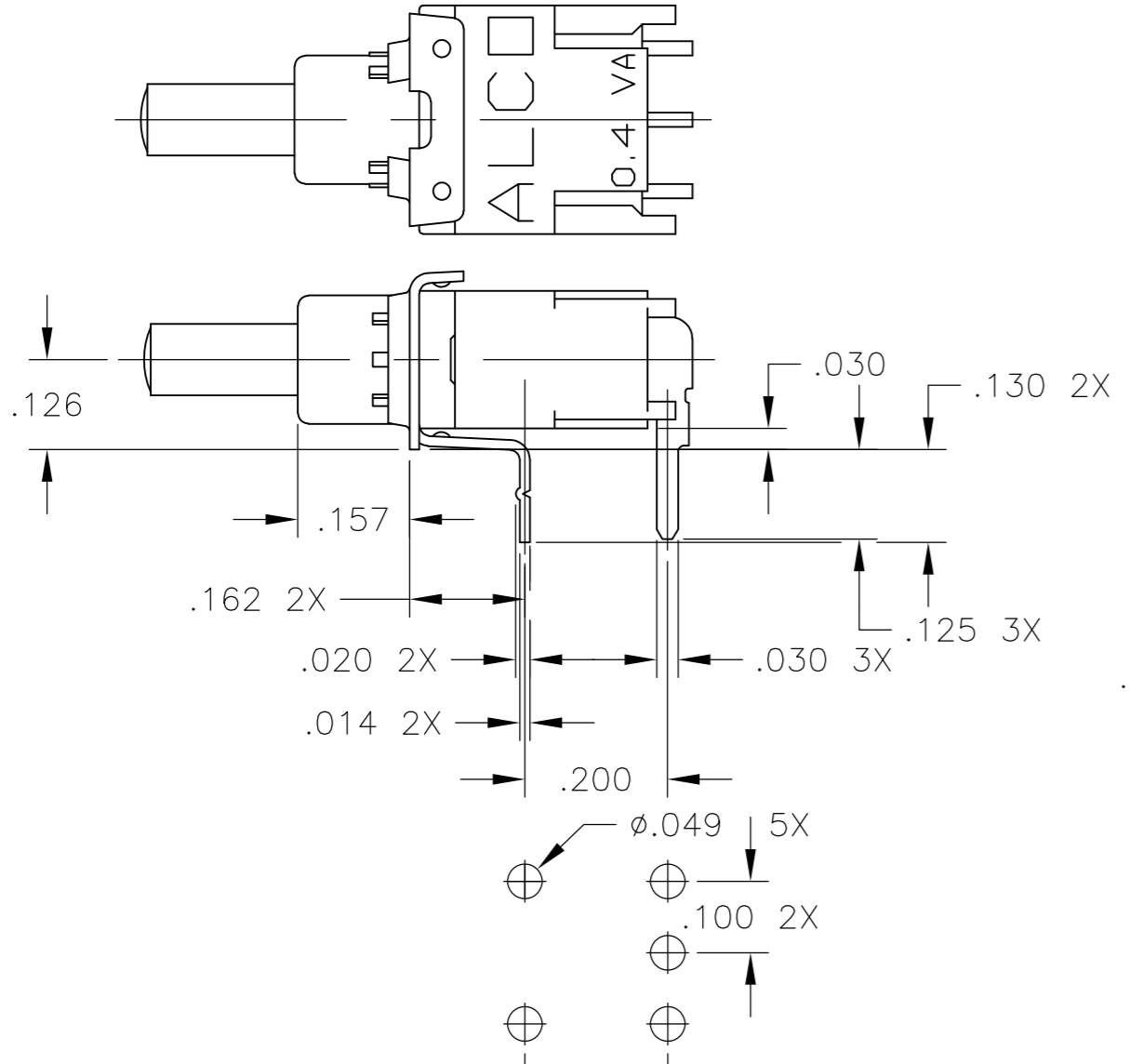
WW WIRE WRAP



| | | | | | | | | |
|---|--|--------------|---|---------|-------|--------------------------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | M.BINNER | 01MAR05 | | TE Connectivity | | |
| DIMENSIONS: INCHES | | CHK | M.ZITTO | 01MAR05 | | NAME | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | M.ZITTO | 01MAR05 | | SEALED PUSHBUTTON SWITCH | | |
| 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± 1° | | PRODUCT SPEC | SINGLE POLE, TSP SERIES, ROHS COMPLIANT | | | | | |
| MATERIAL | | FINISH | WEIGHT | | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| - | | - | - | | A2 | 00779 | 1571990 | - |
| CUSTOMER DRAWING | | | | | SCALE | 4:1 | SHEET | 2 OF 4 |
| | | | | | REV | A1 | | |

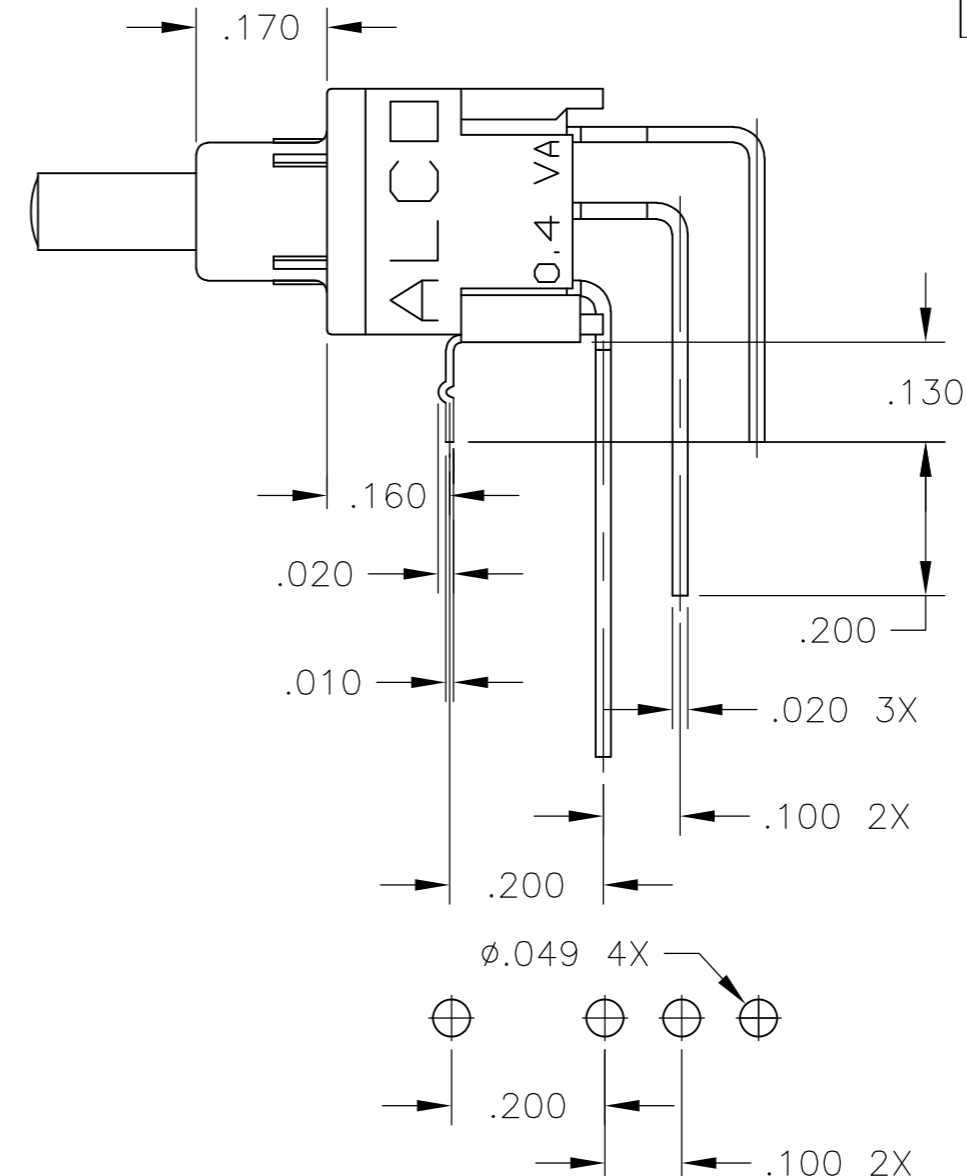
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|-------------|-----|------|-----|-----------|--|--|--|
| P | LTR | DATE | DWN | APVD | | | |
| AD | 00 | | | | | | |
| SEE SHEET 1 | | | | | | | |



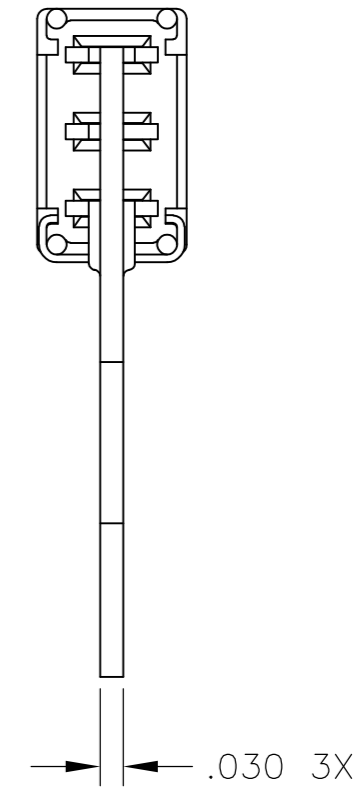
RECOMMENDED HOLE LAYOUT TOLERANCES
 ±.002 UNLESS OTHERWISE NOTED

RA RIGHT ANGLE



RECOMMENDED HOLE LAYOUT TOLERANCES
 ±.002 UNLESS OTHERWISE NOTED.

VRA VERTICAL RIGHT ANGLE




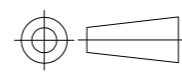
| | | | | | | | | | | | | |
|---|--|------------------|----------|---|-------|-------------------------|-----------|--------|------------|-----------|---------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | M.BINNER | 01MAR05 | | TE Connectivity | | | | | | |
| DIMENSIONS: INCHES | | CHK | M.ZITTO | 01MAR05 | | NAME | | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | M.ZITTO | 01MAR05 | | SEALD PUSHBUTTON SWITCH | | | | | | |
| 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± 1° | | PRODUCT SPEC | | SINGLE POLE, TSP SERIES, ROHS COMPLIANT | | | | | | | | |
| MATERIAL | | WEIGHT | | - | SIZE | A2 | CAGE CODE | 00779 | DRAWING NO | C=1571990 | RESTRICTED TO | - |
| FINISH | | CUSTOMER DRAWING | | - | SCALE | 4:1 | SHEET | 3 OF 4 | REV | A1 | | |

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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD | 00 | - | - | SEE SHEET 1 | - | - | - |

| | | |
|-------------|--------------------|-------------|
| obsolete | TSPDF11FGVRA004 | 3-1571990-1 |
| obsolete | TSPDF11FGSRA004 | 3-1571990-0 |
| | TSPDF11FGRA004 | 2-1571990-9 |
| | TSPDF11FGPC004 | 2-1571990-8 |
| | TSPDF11CGVRA004 | 2-1571990-7 |
| preliminary | TSPDF11CGSRA004 | 2-1571990-6 |
| | TSPDF11CGRA004 | 2-1571990-5 |
| obsolete | TSPDF11CGSRAB0TR04 | 2-1571990-4 |
| preliminary | TSPDF11CGSRA0TR04 | 2-1571990-3 |
| | TSPDF11CGPC004 | 2-1571990-2 |
| | TSPD11FGVRA004 | 2-1571990-1 |
| obsolete | TSPD11FGSRAB004 | 2-1571990-0 |
| obsolete | TSPD11FGSRA004 | 1-1571990-9 |
| obsolete | TSPD11FGSPC004 | 1-1571990-8 |
| | TSPD11FGRA004 | 1-1571990-7 |
| | TSPD11FGPCV004 | 1-1571990-6 |
| | TSPD11FGPC004 | 1-1571990-5 |
| | TSPD11CGWW004 | 1-1571990-4 |
| | TSPD11CGVRA004 | 1-1571990-3 |
| obsolete | TSPD11CGSRAB004 | 1-1571990-2 |
| preliminary | TSPD11CGSRA204 | 1-1571990-1 |
| preliminary | TSPD11CGSRA0TR04 | 1-1571990-0 |
| preliminary | TSPD11CGSRA004 | 1571990-9 |
| obsolete | TSPD11CGSPC204 | 1571990-8 |
| obsolete | TSPD11CGSPC004 | 1571990-7 |
| | available | 1571990-6 |
| | TSPD11CGRA204 | 1571990-5 |
| | TSPD11CGRA004 | 1571990-4 |
| | TSPD11CGPCV004 | 1571990-3 |
| | TSPD11CGPC204 | 1571990-2 |
| | TSPD11CGPC004 | 1571990-1 |
| | Alco P/N | P/N |

1571990

| | | | | |
|---|--------|----------------------------|---|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.BINNER 01MAR05 |  TE Connectivity | |
| DIMENSIONS: INCHES | | CHK M.ZITTO 01MAR05 | | |
|  | | APVD M.ZITTO 01MAR05 | NAME SEALED PUSHBUTTON SWITCH SINGLE POLE, TSP SERIES, ROHS COMPLIANT | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | RESTRICTED TO | |
| 0 PLC ± - | | APPLICATION SPEC | SIZE | CAGE CODE |
| 1 PLC ± - | | WEIGHT | A2 | 00779 |
| 2 PLC ± - | | | DRAWING NO | |
| 3 PLC ± .010 | | | C=1571990 | |
| 4 PLC ± - | | | | |
| ANGLES ± 1° | | | | |
| MATERIAL | FINISH | CUSTOMER DRAWING | SCALE | SHEET |
| - | - | | 1:1 | 4 of 4 |
| | | | REV | A1 |

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