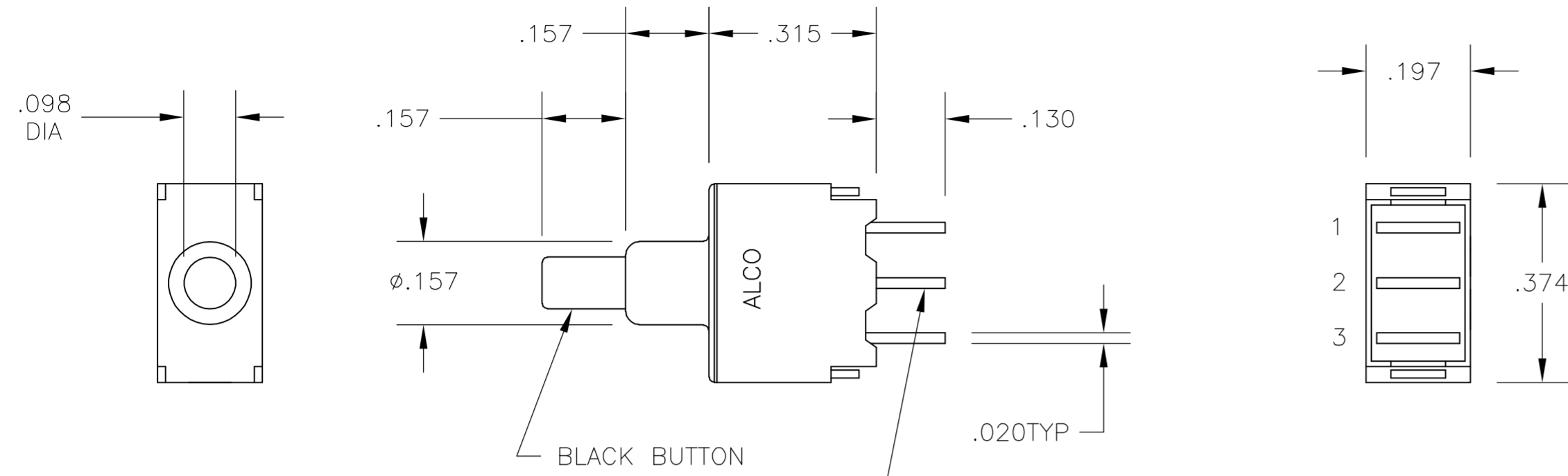


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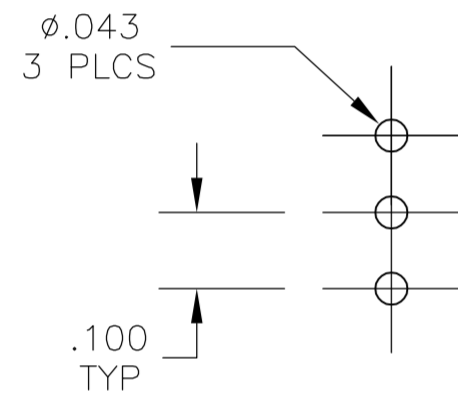
| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|-----------------|---------|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD | 00 | A | DRAWING CREATED | 02DEC05 | MKC |



NOTES

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2003/95/EC OF 27JAN2003 (ROHS).

| MATERIALS | | |
|-------------------------|---------------------|------------------|
| COMPONENT NAME | BASE MATERIAL | FINISH |
| HOUSING | PBT, UL94 V-0, GRAY | |
| FRAME | BRASS | NICKEL |
| BUTTON | PBT, UL94 HB, BLACK | |
| MOVABLE CONTACT | PHOSPHOR BRONZE | GOLD OVER NICKEL |
| TERMINAL (CONTACT AREA) | PHOSPHOR BRONZE | GOLD OVER NICKEL |
| TERMINAL (SOLDER AREA) | PHOSPHOR BRONZE | GOLD OVER NICKEL |



PC HOLE LAYOUT

| SPECIFICATIONS | |
|---------------------------------|-----------------------------------|
| CURRENT RATING, MAX. | 50mA @ 48 VDC OR PEAK AC (2.4VA) |
| CURRENT RATING, MIN. | 1µA @ 20 VDC OR PEAK AC (.02VA) |
| TERMINATION RESISTANCE | 50 MILLIOHMS MAX AT 1.5mA 200µVAC |
| INSULATION RESISTANCE | 1000 MEGOHMS MIN @ 500 VDC |
| DIELECTRIC WITHSTANDING VOLTAGE | 500 V RMS AT SEA LEVEL |
| OPERATING TEMPERATURE | -20°C to +85°C |
| STORAGE TEMPERATURE | -40°C to +85°C |
| PLUNGER TRAVEL | .047±.010 |
| ELECTRICAL LIFE | |
| 50mA @ 48 VDC OR PEAK AC | 10,000 CYCLES |
| 1µA @ 20 VDC OR PEAK AC | 50,000 CYCLES |
| .4VA MAX @ 20 VDC OR PEAK AC | |

| | | | | | | | | | |
|---------------------|-----|----------|-----|-----------------|----------|--------|-------|------------|-----------|
| 2-1 | 2-3 | (ON) | ON | .157 | PC | 2 | 1 | APB1FGPC04 | 1825176-3 |
| 1-3 | OFF | (ON) | OFF | .157 | PC | 1 | 1 | APB1CGPC04 | 1825176-2 |
| | | | | ACTUATOR LENGTH | TERMINAL | THROWS | POLES | ALCO P/N | TYCO P/N |
| TERMINALS CONNECTED | | FUNCTION | | | | | | | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | | | |
|--------------------|---|--------------|------------------|----------------------------|---|---|---------------|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DWN MKC | 02DEC05 | tyco Electronics | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | | |
| | 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± 3' | CHK - | APVD - | | NAME | APB SERIES PUSHBUTTON SWITCH, PC TERMINALS | |
| MATERIAL | FINISH | PRODUCT SPEC | APPLICATION SPEC | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| - | - | WEIGHT | - | A2 | 00779 | 1825176 | - |
| CUSTOMER DRAWING | | | | SCALE | 4:1 | SHEET | 1 OF 1 |