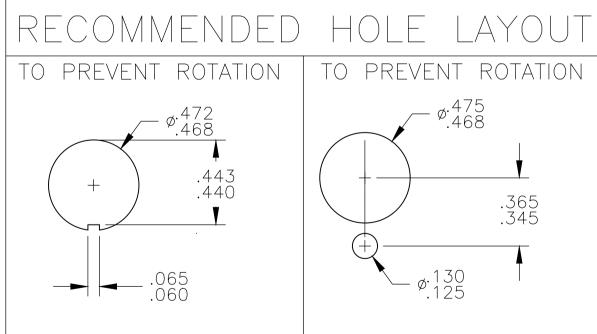
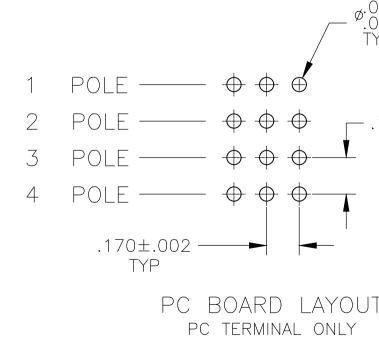
| | Materials | | | | | | | | | |
|-----|-------------------|-----------------------------|--|--|--|--|--|--|--|--|
| No. | Component name | Base material | Finish | | | | | | | |
| 1 | Housing | High Temp., UL 94V–0, gre | en | | | | | | | |
| 2 | End terminal | silver clad copper alloy | 5 microinches min. gold | | | | | | | |
| 3 | Center terminal | copper alloy | 5 microinches min. gold | | | | | | | |
| 4 | Rocker contact | silver clad copper alloy | 5 microinches min. gold | | | | | | | |
| 5 | Actuator | Phenol resin, UL94 HB, blac | ck | | | | | | | |
| 6 | Plunger | stainless steel | | | | | | | | |
| 7 | Spring | music wire | | | | | | | | |
| 8 | Toggle | brass | chrome or Nickel | | | | | | | |
| 9 | Retainer | Polyamide, UL94 HB, black | | | | | | | | |
| 10 | Frame | cold rolled steel | zinc or Nickel | | | | | | | |
| 11 | Bushing | brass | 100 microinches min. nickel over 10 microinches min. coppe | | | | | | | |
| 12 | Mounting nuts (2) | brass | 200 microinches min. bright nickel | | | | | | | |
| 1.3 | locatina rina | cold rolled steel | zinc or Nickel | | | | | | | |

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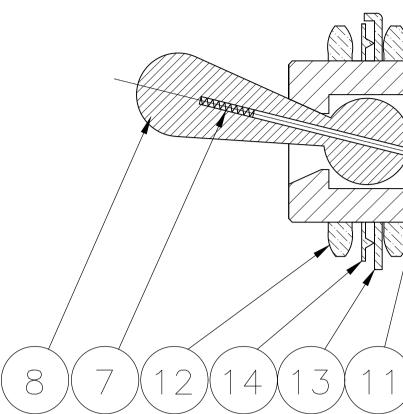
| 8 | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 |
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| THIS DRAWING IS UNPUBLISHED. | RELEASED FOR PUBLICATION - , ALL RIGHTS RESERVED. | | | _, _, , _, , _, , _, I, _, , _, , | | <u>.</u> | | | | | P LTR | REVISIONS | DATE DWN APVD |
| | | | | | | | | | | | D6 | ECR-18-009229 | DATE DWN APVD 25SEP2018DHCPO |
| No. Component r | name Base mate | Materials erial Finis | h | | | | | | | | | | |
| 1 Housing | High Temp., | UL 94V-0, green | | • | | | | | | | | | |
| 2 End terminal 3 Center terminal | | / 5 mi | croinches | min. gold min. gold | | | | | | | | | |
| 4 Rocker contact 5 Actuator | | copper alloy 5 mi n, UL94 HB, black | croinches | min. gold | | | | | | $\left(1\right)$ | \bigcirc | | |
| 6 Plunger 7 Spring | stainless ste music wire | | | | | | | | | | | | |
| 8 Toggle | brass | | me or Nic | ckel | | | | | | | | 9 | |
| 9 Retainer 10 Frame | cold rolled s | | or Nickel | | | | | | | | | | |
| 11 Bushing 12 Mounting nuts | (2) brass | | | <u>es min. nickel over 10 mi</u> ies min. bright nickel | croinches min. cop | pper | | | | | | (3) | |
| 13 Locating ring 14 Internal tooth I | cold rolled s | steel zinc | or Nickel or Nickel | | | | | | | | | | |
| | IUCKWUSHEI SLEEI | | UT MICKET | | | | | | | | | $\left(4 \right)$ | |
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| | | | | | | | | | | | | | |
| | Specifications-se | e note 3 | | | | | | | | OT TO SC | | | |
| Current rating UL & CSA | A 6A @ 125 VAC (resist | | | | | | | | | | | | |
| | 3A@250VAC(resist4A@28VDC(resistiv | | | | | | | | | | | | C |
| | 20 milliohms max @ . | | | | | | | | | | | | |
| Insulation resistance Withstanding voltage | 1,000 megohms min. 1,000 VAC | | | | | | | | | | | | |
| Travel | 24 +/-6 degrees | | | | | | | | | | | | |
| Actuation force Operating temperature | .05 to 1.5 kgf -20C to +85C | | | | | | | | | | | | |
| Storage temperature | -40C to +85C | | | | – Part – Number | Alco Model | Poles Throws | Function | Terminal A | ALCO | ALCO | ALCO | Comments |
| Contact timing Terminal seal | break before make epoxy or insert molde | ٥d | | | | | | | | | TTT 3 2 1 | | |
| | | | | | | | | | | 6 5 4 9 8 7 | 6 5 4 9 8 7 | 6 5 4 9 8 7 | |
| Durability | Parameter mechanical (no load) | 2 Posi 150 | tion <u>3</u> ,000 | PositionMomentary100,00080,000 | | | | | | 12 11 10 | 12 11 10 | 12 11 10 | |
| | 250 VAC (3A resistive) |) 80 |),000 | 60,000 60,000 | | | 4 2 | ON OFF ON | Wire lug .453 | 2-3, 5-6, 8-9, 11-12 | Off | 2-1, 5-4, 8-7, 11-10 | |
| | 125 VAC (6A resistive) 28 VDC (4A resistive) | |),000),000 | 60,00060,00050,00040,000 | | | 4 2 4 2 | ON ON ON ON | Wire lug .685 Wire lug .453 | 2-3, 5-6, 8-9, 11-12 2-3, 5-6, 8-9, 11-12 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
| · L | | | | | 2-1437559-9 | MTG306E | 3 2 | ON OFF ON | Wire lug .453 | 2-3, 5-6, 8-9 | Off | 2-1, 5-4, 8-7 | |
| | | | | | 7 3-1437559-0 2-1437559-8 | | 3 2 3 2 | ON ON ON | Wire lug .685 Wire lug .453 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | В |
| RECOMMENDE | ED HOLE LAYOU | JT | | ¢.076 .072 TYP | 2-1437559-7 | MTG226PA | 1 3 | ON ON ON | Wire lug .685 | 5-6 | 5-3 | 5-1 | note 6 |
| TO PREVENT ROTATIO | ON TO PREVENT ROTATIO | | | | 7 2-1437559-6 7 2-1437559-5 | | 2 2 2 | ON OFF ON ON ON | Wire lug .685 Wire lug .685 | 2-3, 5-6 2-3, 5-6 | Off | 2-1, 5-4 2-1, 5-4 | |
| ¢.472 | ¢.475 .468 | | | $- \Phi \Phi \Phi = 190 \pm 002$ | 7 2-1437559-4 | MTG206T | 2 2 | ON OFF(ON) | Wire lug .453 | 2-3, 5-6 | Off | 2-1, 5-4 | |
| .443 | | 3 PC |)LE | $- \oplus \oplus \oplus \oplus190 \pm .002$ $- \oplus \oplus \oplus - \blacksquare$ TYP | 2-1437559-3 7 $2-1437559-2$ | | 2 2 2 | (ON) OFF (ON) ON (ON) | Wire lug.453Wire lug.453 | 2-3, 5-6 2-3, 5-6 | Off | 2-1, 5-4 2-1, 5-4 | |
| | .365 .345 | 4 PC |)LE | $- \phi \phi \phi - \phi$ | 2-1437559-1 | MTG206PA | 1 3 | ON ON ON | Wire lug .453 | 5-6 | 5-3 | 5-1 | note 6 |
| | | | .170±.002 - | | 2-1437559-0 1-1437559-9 | | 2 2 | ON OFF ON ON ON | Wire lug .453 PC .453 | 2-3, 5-6 2-3, 5-6 | Off | 2-1, 5-4 2-1, 5-4 | |
| | ¢.130 .125 | | ΤΥΡ | | 1-1437559-8 | MTG206N | 2 2 | ON ON | Wire lug .453 | 2-3, 5-6 | | 2-1, 5-4 | |
| | | | | BOARD LAYOUT c terminal only | 7 1 - 1437559 - 0 7 1 - 1437559 - 7 | | 1 2 | ON OFF (ON) | Wire lug .685 Wire lug .685 | 2-3 2-3 | Off Off | <u>2-1</u> 2-1 | |
| NOTES: | | | | | 7 1-1437559-6 | MTG126D | 1 2 | | Wire lug .685 | 2-3 | | 2-1 | |
| 1. TERMINAL NUMB | BERS ARE FOR REFERENCE ONLY SUPPLIED WITH THE FOLLOWING M | | HE SWITCHE | ES. | 7 1-1437559-5 1-1437559-4 | | 1 2 | ON OFF(ON) (ON) OFF (ON) | Wire lug .453 Wire lug .453 | 2-3 2-3 | Off Off | <u>2-1</u> 2-1 | |
| (2) 15/32-32 U | JNS-2B HEX NUTS OTH LOCKWASHER | | | | 1-1437559-3 | MTG106F | 1 2 | ON (ON) | Wire lug .453 | 2-3 | | 2-1 | |
| (1) LOCATING RIN | | | | | 1-1437559-2 1-1437559-1 | | 1 2 1 2 | ON OFF ON ON ON | Wire lug .453 Wire lug .453 | 2-3 2-3 | Off | <u>2-1</u> 2-1 | A |
| | | | | | | | | | | THIS DRAWING IS A CONTROLLED DOCU | MENT. DWN M.BINNER | 29DEC03 | Connectivity Ltd. |
| 5. WIRE LUG CONT 6. CUSTOMER INST | TACTS WILL ACCEPT 2 #20 AWG TALLED EXTERNAL JUMPER BETWE | SOLID OR STRANDED WIRES. EEN TERMINALS 2 AND 4 RE | QUIRED FOR | R 1 POLE 3 THROW FUNCTION. | | | | | | DIMENSIONS: TOLERANCES UNL OTHERWISE SPECI | M.ZITTO APVD M.ZITTO PRODUCT SPEC | 29deco3 name TOGGLE SWITCH, MT | |
| OBSOLETE | | | | | | | | | | $0 PLC \pm -$ $1 PLC \pm -$ $2 PLC \pm -$ $3 PLC \pm .005$ | APPLICATION SPEC | VERTICAL MOU | JNT |
| 8. LASER MARKING | G USED FOR PARTS. | | | | | | | | | A PLC ± 1000 4 PLC ± - ANGLES ± MATERIAL FINISH | | size cage code drawing no A 1 00779 C −1−1437559 | e - 1 e estricted to |
| 4805 (1/15) | | | | | | ····· | | | | | CUSTOMER DRA | AWING SCALE 2:1 | SHEET OF REV 1 3 D6 |



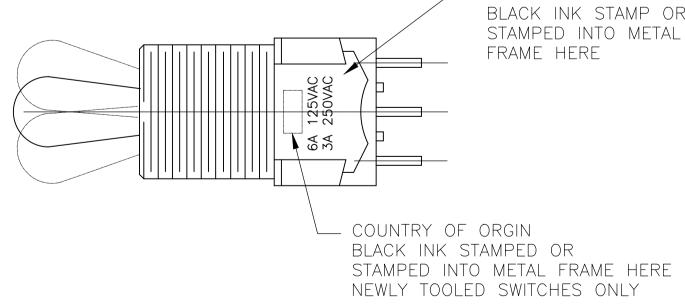


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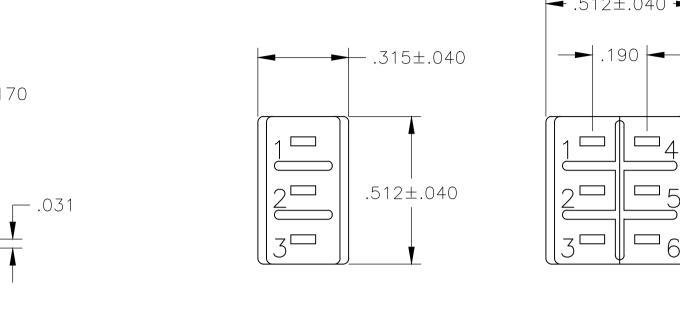


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| | | | | ALCO PRINTED HERE | $\frac{1}{2}$ | MTG - 206 | |
| | | COUNTRY OF ORGIN STAMPED HERE EXISTING SWITCHES ONLY | .036 DEEP .071 WIDE KEYWAY | | 039 X .078 Oblong Hole typ. See Note 5 | | ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ |
| B | | | WIRE LUG | ; TERMINAL | | | PC TE |
| | | | | - RATING | | | |

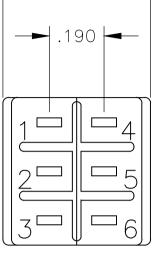


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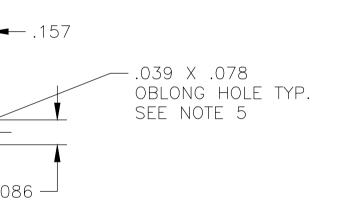
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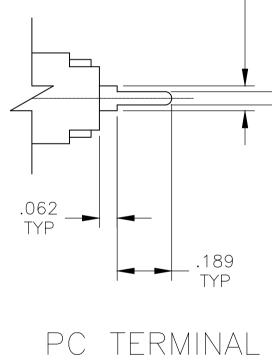








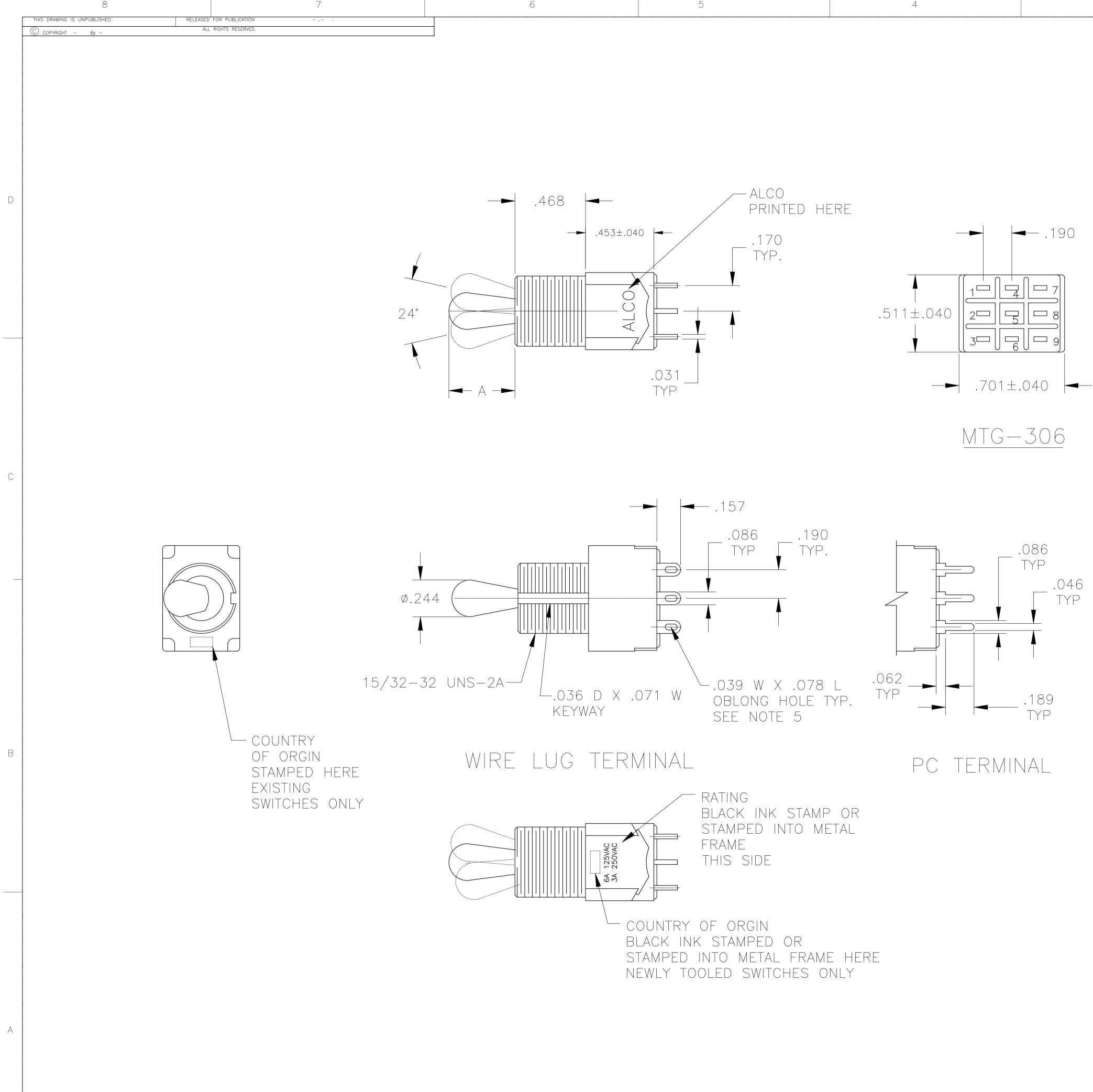
– RATING BLACK INK STAMP OR STAMPED INTO METAL FRAME HERE



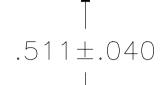
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| TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD M.ZIT PRODUCT | | 29DEC03 | NAME | TOGGLE SWIT | CH, MTG Al Mount | SERIES | | | |

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| TOLERANCES UNLESS OTHERWISE SPECIFIED: | M.ZITTO APVD 29DEC03 M.ZITTO | 5 NAME | | | | | | |
| 0 PLC ± - 1 PLC ± - | PRODUCT SPEC | | | | SWITCH, M Irtical mo | | RIES | |
| 2 PLC ± - 3 PLC ± .005 | APPLICATION SPEC | | 1 | | — | | | |
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| | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD 29DEC03 M.ZITTO | NAME | TOGGLE SWITCH, MTG SERIES | |
| 7 | 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 | PRODUCT SPEC | - | VERTICAL MOUNT | |
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