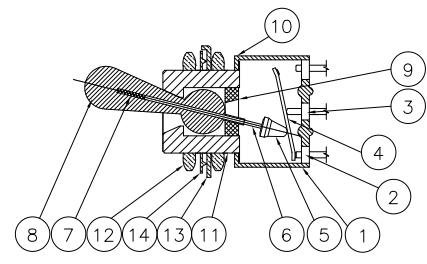


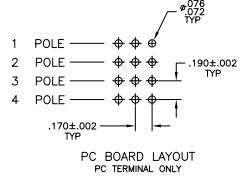
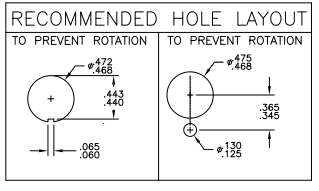
| Materials |                           |                              |   |
|-----------|---------------------------|------------------------------|---|
| No.       | Component name            | Base material                | Finish  |
| 1         | Housing                   | High Temp., UL 94V-0, green  |   |
| 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, black |   |
| 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. copper |
| 12        | Mounting nuts (2)         | brass                        | 200 microinches min. bright nickel                          |
| 13        | Locating ring             | cold rolled steel            | zinc or Nickel  |
| 14        | Internal tooth lockwasher | steel                        | zinc or Nickel  |



NOT TO SCALE

| Specifications—see note 3 |                                |            |            |           |
|---------------------------|--------------------------------|------------|------------|-----------|
| Current rating UL & CSA   | 6A @ 125 VAC (resistive)       |            |            |           |
|                           | 3A @ 250 VAC (resistive)       |            |            |           |
|                           | 4A @ 28 VDC (resistive)        |            |            |           |
| Termination resistance    | 20 milliohms max @ 2-4 VDC, 1A |            |            |           |
| Insulation resistance     | 1,000 megohms min.             |            |            |           |
| Withstanding voltage      | 1,000 VAC                      |            |            |           |
| Travel                    | 24 +/-6 degrees                |            |            |           |
| Actuation force           | .05 to 1.5 kgf                 |            |            |           |
| Operating temperature     | -20C to +85C                   |            |            |           |
| Storage temperature       | -40C to +85C                   |            |            |           |
| Contact timing            | break before make              |            |            |           |
| Terminal seal             | epoxy or insert molded         |            |            |           |
| Durability                | Parameter                      | 2 Position | 3 Position | Momentary |
|                           | mechanical (no load)           | 150,000    | 100,000    | 80,000    |
|                           | 250 VAC (3A resistive)         | 80,000     | 60,000     | 60,000    |
|                           | 125 VAC (6A resistive)         | 80,000     | 60,000     | 60,000    |
|                           | 28 VDC (4A resistive)          | 60,000     | 50,000     | 40,000    |

| Part Number | Alco Model | Poles | Throws | Function      | Terminal      | A                    | Diagram | Comments |
|-------------|------------|-------|--------|---------------|---------------|----------------------|---------|----------|
| 3-1437559-2 | MTG406P    | 4     | 2      | ON OFF ON     | Wire lug .453 | 2-3, 5-6, 8-9, 11-12 |         |          |
| 3-1437559-3 | MTG426N    | 4     | 2      | ON ON         | Wire lug .685 | 2-3, 5-6, 8-9, 11-12 |         |          |
| 3-1437559-1 | MTG406N    | 4     | 2      | ON ON         | Wire lug .453 | 2-3, 5-6, 8-9, 11-12 |         |          |
| 2-1437559-9 | MTG306E    | 3     | 2      | ON OFF ON     | Wire lug .453 | 2-3, 5-6, 8-9        |         |          |
| 3-1437559-0 | MTG326D    | 3     | 2      | ON ON         | Wire lug .685 | 2-3, 5-6, 8-9        |         |          |
| 2-1437559-8 | MTG306D    | 3     | 2      | ON ON         | Wire lug .453 | 2-3, 5-6, 8-9        |         |          |
| 2-1437559-7 | MTG226PA   | 1     | 3      | ON ON ON      | Wire lug .685 | 5-6                  |         |          |
| 2-1437559-6 | MTG226P    | 2     | 2      | ON OFF ON     | Wire lug .685 | 2-3, 5-6             |         |          |
| 2-1437559-5 | MTG226N    | 2     | 2      | ON ON         | Wire lug .685 | 2-3, 5-6             |         |          |
| 2-1437559-4 | MTG206T    | 2     | 2      | ON OFF (ON)   | Wire lug .453 | 2-3, 5-6             |         |          |
| 2-1437559-3 | MTG206S    | 2     | 2      | (ON) OFF (ON) | Wire lug .453 | 2-3, 5-6             |         |          |
| 2-1437559-2 | MTG206R    | 2     | 2      | ON (ON)       | Wire lug .453 | 2-3, 5-6             |         |          |
| 2-1437559-1 | MTG206PA   | 1     | 3      | ON ON ON      | Wire lug .453 | 5-6                  |         | note 6   |
| 2-1437559-0 | MTG206P    | 2     | 2      | ON ON OFF ON  | Wire lug .453 | 2-3, 5-6             |         |          |
| 1-1437559-9 | MTG206NC   | 2     | 2      | ON ON         | PC .453       | 2-3, 5-6             |         |          |
| 1-1437559-8 | MTG206N    | 2     | 2      | ON ON         | Wire lug .453 | 2-3, 5-6             |         |          |
| 1-1437559-0 | MTG126G    | 1     | 2      | (ON) OFF (ON) | Wire lug .685 | 2-3                  |         |          |
| 1-1437559-7 | MTG126E    | 1     | 2      | ON OFF ON     | Wire lug .685 | 2-3                  |         |          |
| 1-1437559-6 | MTG126D    | 1     | 2      | ON ON         | Wire lug .685 | 2-3                  |         |          |
| 1-1437559-5 | MTG106H    | 1     | 2      | ON OFF (ON)   | Wire lug .453 | 2-3                  |         |          |
| 1-1437559-4 | MTG106G    | 1     | 2      | (ON) OFF (ON) | Wire lug .453 | 2-3                  |         |          |
| 1-1437559-3 | MTG106F    | 1     | 2      | ON (ON)       | Wire lug .453 | 2-3                  |         |          |
| 1-1437559-2 | MTG106E    | 1     | 2      | ON OFF ON     | Wire lug .453 | 2-3                  |         |          |
| 1-1437559-1 | MTG106D    | 1     | 2      | ON ON         | Wire lug .453 | 2-3                  |         |          |

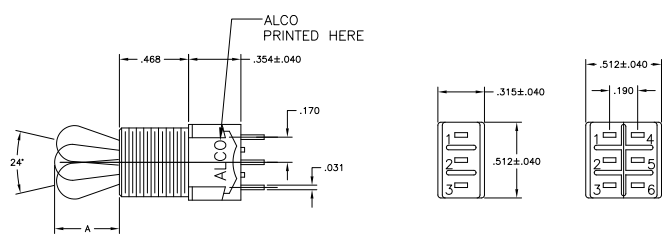


- NOTES:
- TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
  - EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:  
 (2) 15/32-32 UNS-2B HEX NUTS  
 (1) INTERNAL TOOTH LOCKWASHER  
 (1) LOCATING RING
  - WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.
  - CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNCTION.
- OBSOLETE

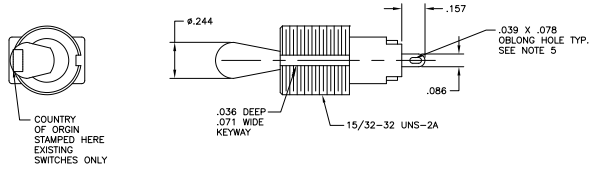
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TE Connectivity  
 TOGGLE SWITCH, MTG SERIES  
 VERTICAL MOUNT

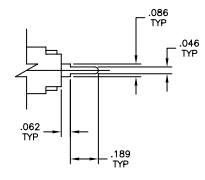
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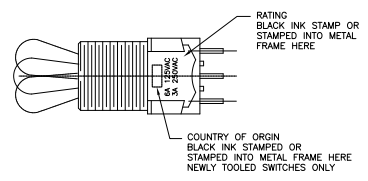
MTG-106 MTG-206



WIRE LUG TERMINAL

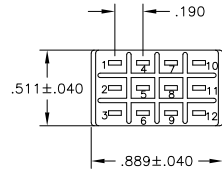
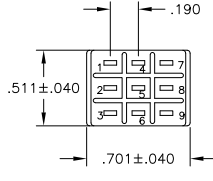
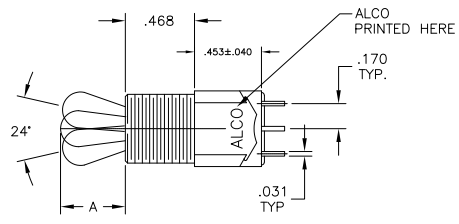


PC TERMINAL



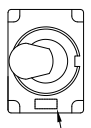
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| DRAWING NO. 100779                     |  | TITLE: TOGGLE SWITCH, MTG SERIES VERTICAL MOUNT |              | SCALE: 3:1      |                 | SHEET: 2     |                 | OF: 3           |              | APP: [Signature] |
| CUSTOMER DRAWING                       |  | DRAWING NO. 1-1437559-1                         |              | SHEET 2         |                 | OF 3         |                 | APP [Signature] |              | DATE: [Date]     |

| REV   | DATE | DESCRIPTION | BY | APPD |
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| AD 00 | -    | SEE SHEET 1 | -  | -    |

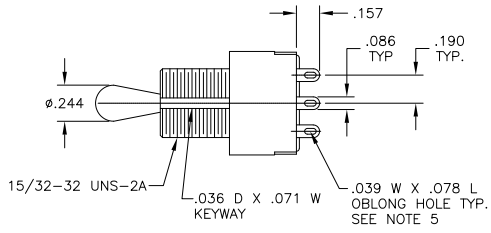


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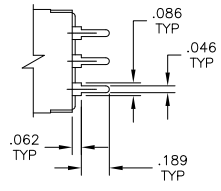
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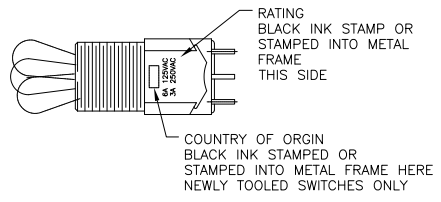
COUNTRY OF ORIGIN STAMPED HERE EXISTING SWITCHES ONLY



WIRE LUG TERMINAL



PC TERMINAL



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| MATERIALS                              |  | REV. NUMBER | DATE | BY | APPD |
| TESTING                                |  | REV. NUMBER | DATE | BY | APPD |
| PROJECT                                |  | REV. NUMBER | DATE | BY | APPD |
| CUSTOMER DRAWING                       |  | REV. NUMBER | DATE | BY | APPD |

TE Connectivity  
TOGGLE SWITCH, MTG SERIES  
VERTICAL MOUNT  
SIZE: DATE: REV: DRAWING NO: 1-1437559-1  
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