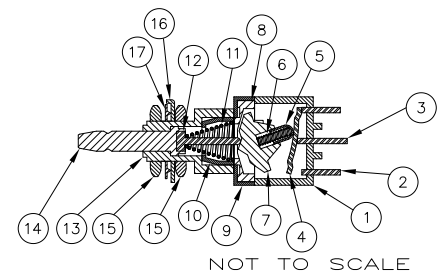


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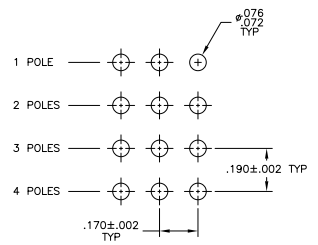
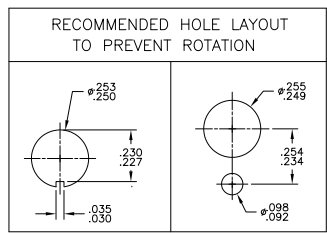
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| AD 00 | 7/13/00 | AS EDS-11-005556 | PSK | WB |

| No | Component name | Base material | Plating |
|----|---------------------------|--------------------------|------------|
| 1 | Housing | Diallyl phthalate resin | |
| 2 | End terminal | silver clad copper alloy | gold flash |
| 3 | Center terminal | copper alloy | gold flash |
| 4 | Rocker contact | silver clad copper alloy | gold flash |
| 5 | Actuator tip | Phenol resin, UL94 HB | |
| 6 | Actuator spring | music wire | |
| 7 | Actuator | Phenol resin, UL94 HB | |
| 8 | Actuator guide | polyamid resin | |
| 9 | Frame | cold rolled steel | zinc |
| 10 | Retainer | brass | none |
| 11 | Plunger spring | music wire | |
| 12 | Plunger pin | brass | |
| 13 | Bushing | zinc | nickel |
| 14 | Plunger | brass | nickel |
| 15 | Mounting nuts (2) | brass | nickel |
| 16 | Locating ring | cold rolled steel | nickel |
| 17 | Internal tooth lockwasher | steel | nickel |



NOT TO SCALE

| Specifications-see note 3 | | | |
|------------------------------------|--------------------------------|--------------------------|------------------|
| Current rating UL & CSA | 6A @ 125 VAC (resistive) | | |
| | 3A @ 250 VAC (resistive) | | |
| | 4A @ 28 VDC (resistive) | | |
| Initial contact resistance | 10 milliohms max @ 2-4 VDC, 1A | | |
| Insulation resistance | 1,000 megohms min. | | |
| Dielectric strength | 1,500 VAC | | |
| Travel | .140 | | |
| Actuation force | .4 to 2 kgf | | |
| Operating temperature | -20C to +85C | | |
| Storage temperature | -40C to +85C | | |
| Contact timing | break before make | | |
| Terminal seal | over molded | | |
| Durability | | Push on/ Push off | Momentary |
| | 250 VAC (3A resistive) | 50,000 | 50,000 |
| | 125 VAC (6A resistive) | 50,000 | 50,000 |
| | 28 VDC (4A resistive) | 50,000 | 50,000 |



- NOTES:
- TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
 - EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
 - 1/4-40 UNS-2B HEX NUTS
 - INTERNAL TOOTH LOCKWASHER
 - LOCATING RING

- WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.
 MARK SWITCH

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- SWITCH DOES NOT INCLUDE BUTTON CAP. DIMENSIONS SHOWN DESCRIBE ALCO SWITCH CAP C22* AND C23* FOUND ON DRAWINGS 1825068 & 1825069 AND SOLD SEPARATELY.

| PART NUMBER | Alco P/N | Mark Switch | Poles | Throws | Terminal | Function | | Connected Terminals | |
|-------------|-----------|-------------|-------|--------|----------|----------|-----|----------------------|----------------------|
| | | | | | | ON | MOM | 1 | 2 |
| 3-1437567-8 | MPA406R | MPA406R | 4 | 2 | Wire lug | ON | MOM | 2-1, 5-4, 8-7, 11-10 | 2-3, 5-6, 8-9, 11-12 |
| 3-1437567-7 | MPA406N | MPA406N | 4 | 2 | Wire lug | ON | ON | 2-1, 5-4, 8-7, 11-10 | 2-3, 5-6, 8-9, 11-12 |
| 3-1437567-6 | MPA306F | MPA306F | 3 | 2 | Wire lug | ON | MOM | 2-1, 5-4, 8-7 | 2-3, 5-6, 8-9 |
| 3-1437567-5 | MPA306D | MPA306D | 3 | 2 | Wire lug | ON | ON | 2-1, 5-4, 8-7 | 2-3, 5-6, 8-9 |
| 3-1437567-4 | MPA206RPC | MPA206RPC | 2 | 2 | PC | ON | MOM | 2-1, 5-4 | 2-3, 5-6 |
| 3-1437567-3 | MPA206R | MPA206R | 2 | 2 | Wire lug | ON | MOM | 2-1, 5-4 | 2-3, 5-6 |
| 3-1437567-2 | MPA206NPC | MPA206NPC | 2 | 2 | PC | ON | ON | 2-1, 5-4 | 2-3, 5-6 |
| 3-1437567-1 | MPA206N | MPA206N | 2 | 2 | Wire lug | ON | ON | 2-1, 5-4 | 2-3, 5-6 |
| 3-1437567-0 | MPA106FPC | MPA106FPC | 1 | 2 | PC | ON | MOM | 2-1 | 2-3 |
| 2-1437567-9 | MPA106F | MPA106F | 1 | 2 | Wire lug | ON | MOM | 2-1 | 2-3 |
| 2-1437567-8 | MPA106D | MPA106D | 1 | 2 | Wire lug | ON | ON | 2-1 | 2-3 |

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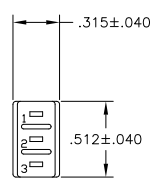
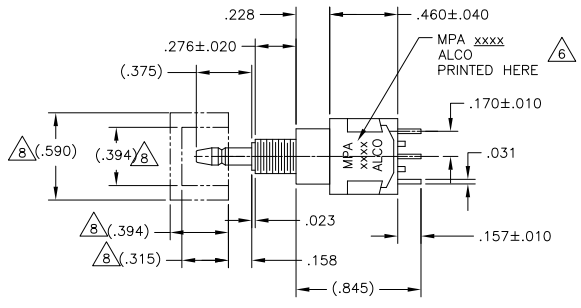
DIMENSIONING SYMBOLS
 HOLE SYMBOLS
 SURFACE FINISH SYMBOLS
 MATERIAL SYMBOLS
 WELDING SYMBOLS
 SPOT WELD SYMBOLS
 SPOT WELD SYMBOLS

DATE: 00779
 DRAWING NO: 2-1437567-9
 CUSTOMER DRAWING
 SIZE: 3.1
 SHEET: 1
 TOTAL SHEETS: 3
 SCALE: AS SHOWN

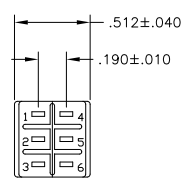
TE Connectivity
 ALCO SWITCH GREEN SERIES PUSH-BUTTON SWITCH, MPA SERIES

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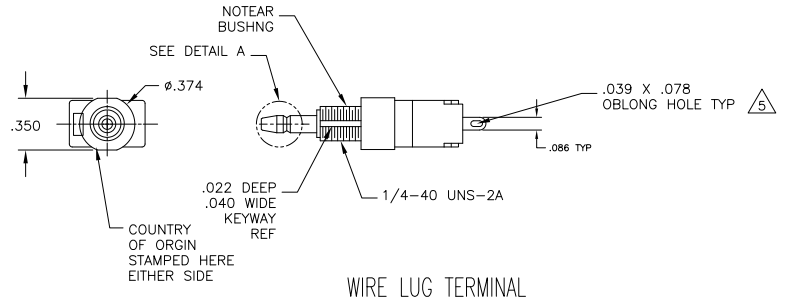
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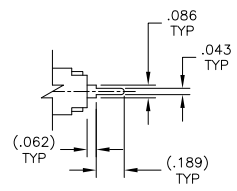
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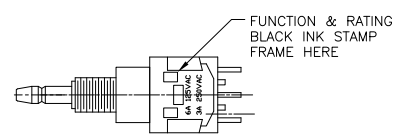
MPA-206



WIRE LUG TERMINAL



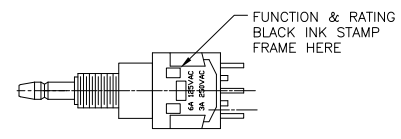
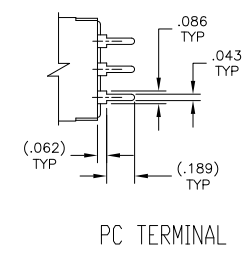
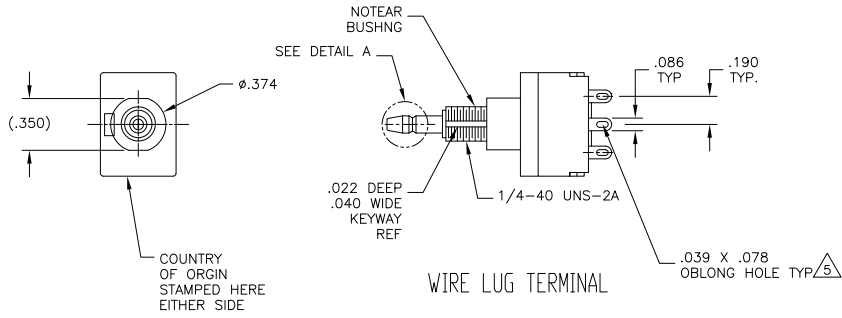
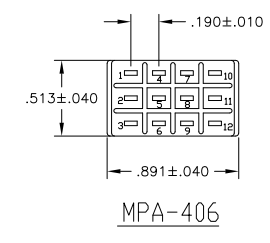
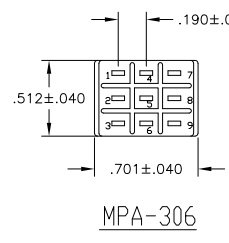
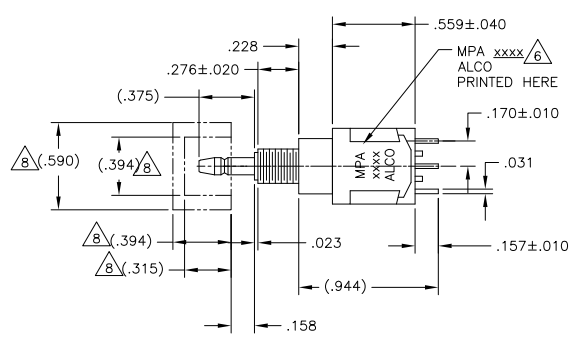
PC TERMINAL



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| DESIGNED: [Signature] | APPROVED: [Signature] | DATE: 10/10/00 | REV: 1 | ALCOSWITCH GREEN SERIES PUSHBUTTON SWITCH, MPA SERIES | |
| DATE: 10/10/00 | REV: 1 | DATE: 10/10/00 | REV: 1 | DATE: 10/10/00 | REV: 1 |
| CUSTOMER DRAWING | | DATE: 10/10/00 | REV: 1 | DATE: 10/10/00 | REV: 1 |

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| DESIGNED BY: [Signature] | DRAWN BY: [Signature] | CHECKED BY: [Signature] | APPROVED BY: [Signature] | CUSTOMER DRAWING | | | |
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