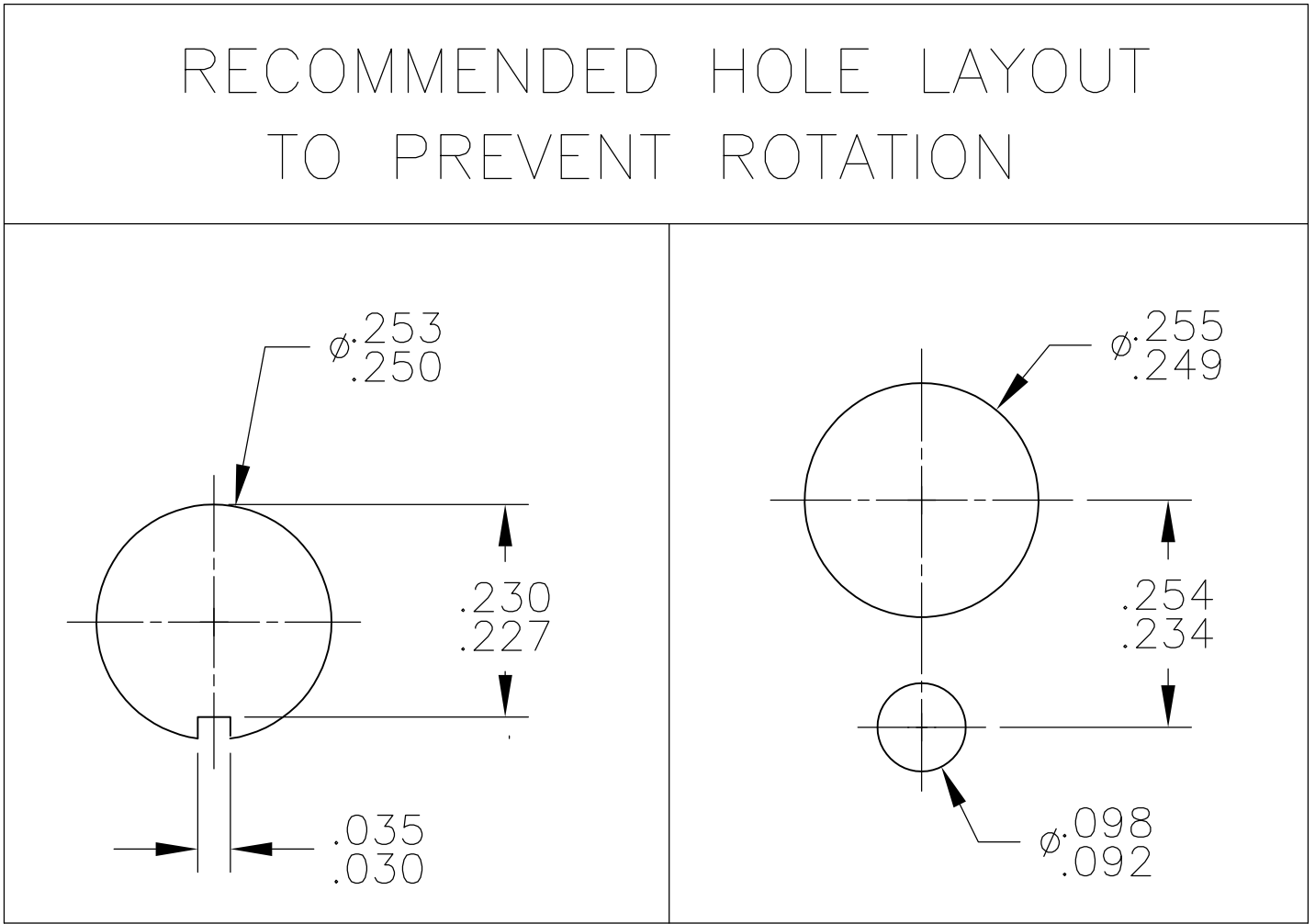
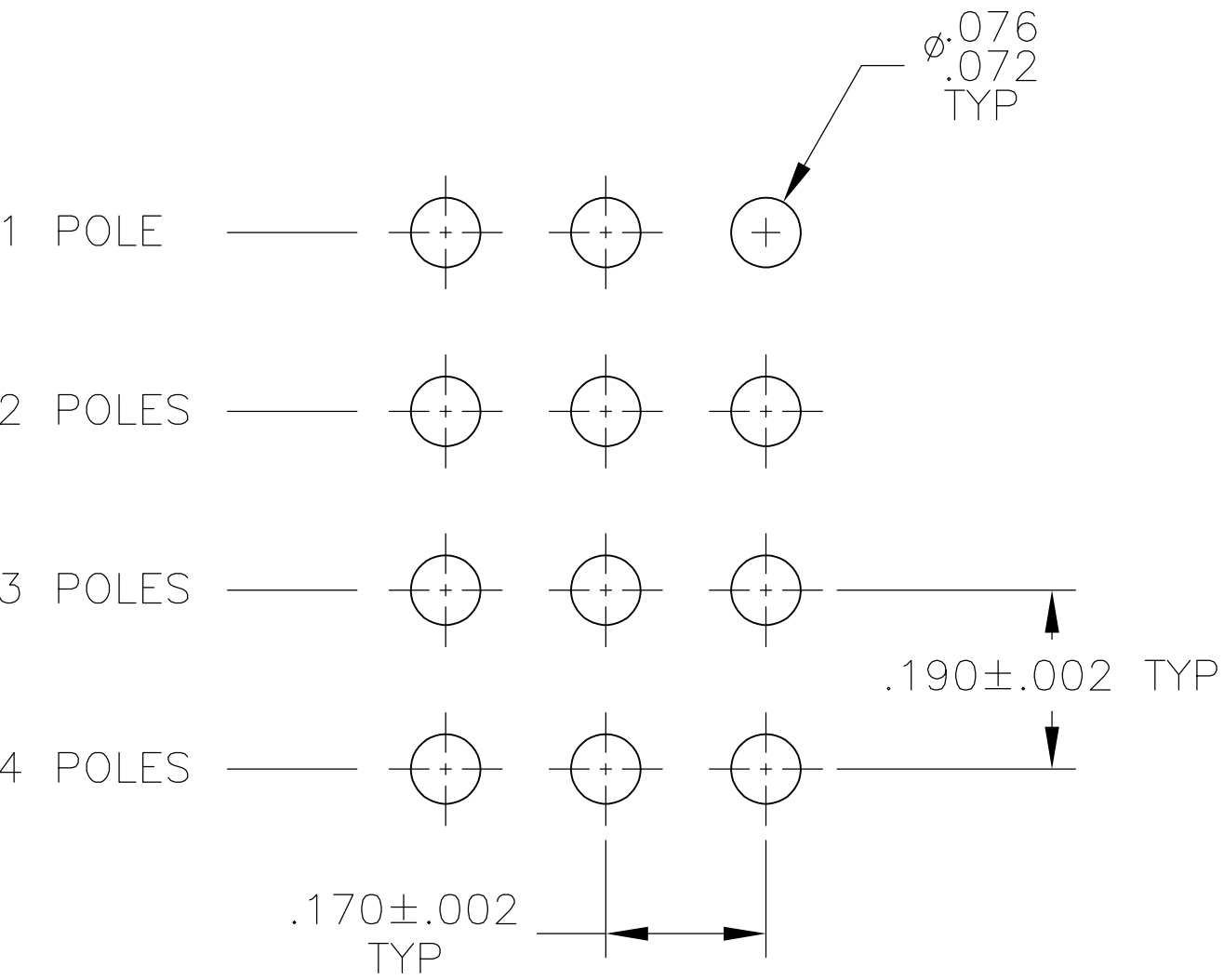
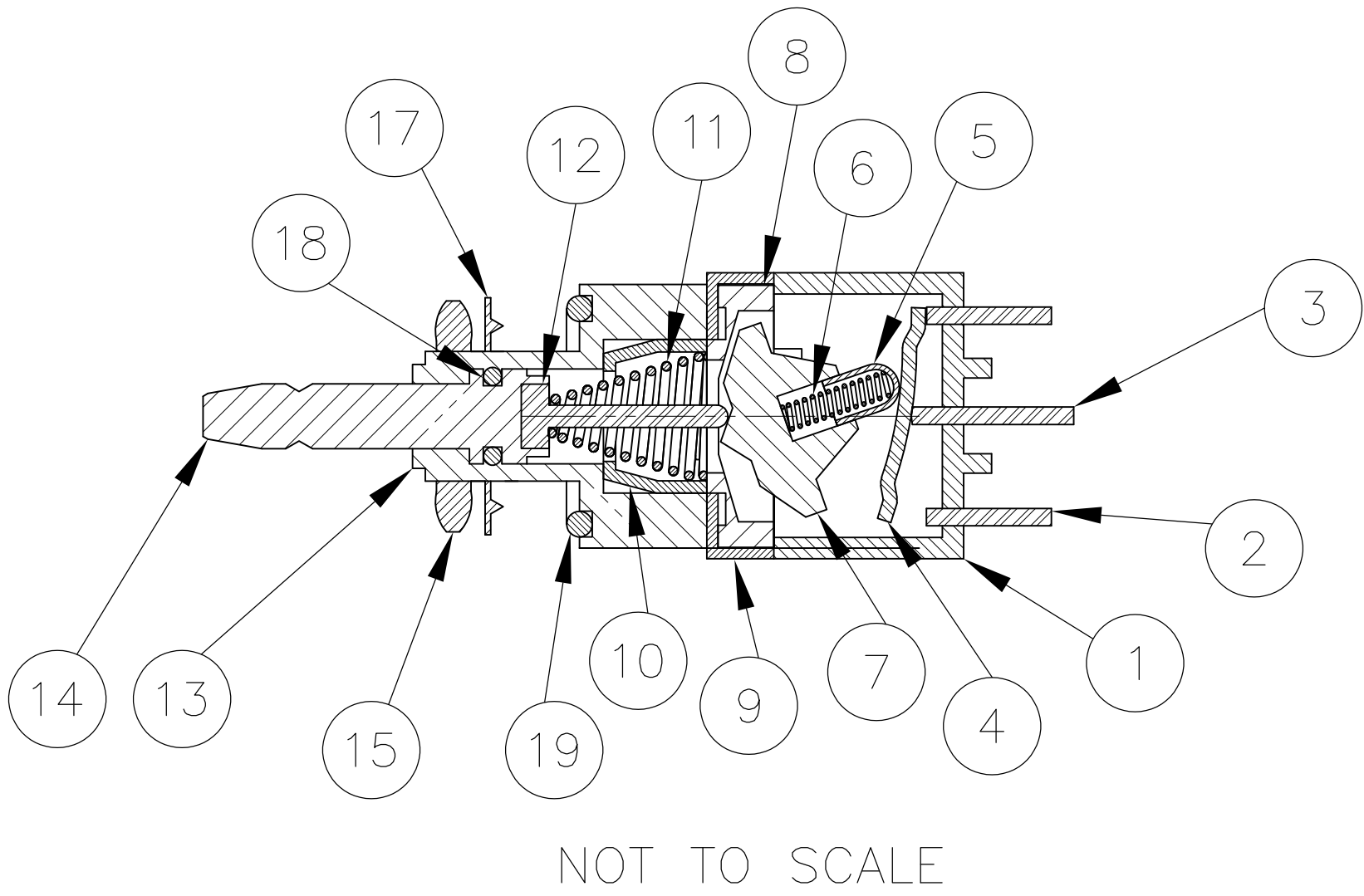



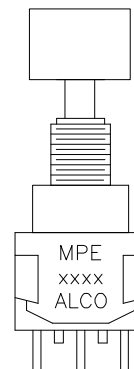
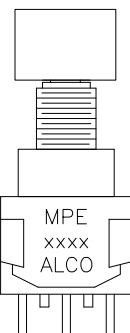

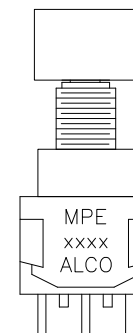
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A6	REVISED PER ECO-14-016841	07NOV2014	NK	RH

MATERIALS		
NO	COMPONENT NAME	FINISH
1	HOUSING	
2	END TERMINAL	
3	CENTER TERMINAL	
4	ROCKER CONTACT	
5	ACTUATOR TIP	
6	ACTUATOR SPRING	
7	ACTUATOR	
8	ACTUATOR GUIDE	
9	FRAME	
10	RETAINER/STOPPER	
11	PLUNGER SPRING	
12	PLUNGER PIN	
13	BUSHING	
14	PLUNGER	
15	MOUNTING NUTS (1)	
17	INTERNAL TOOTL LOCKWASHER	
18	STEM O-RING	
19	BUSHING O-RING	

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		
DIELECTRIC STRENGTH	1,500 MEGOHMS MIN.		
WITHSTANDING VOLTAGE	1,000 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	PARAMETER	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

- | | |
|---|--|
| 1 | TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES |
| 2 | EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
(1) 1/4-40 UNS-2B HEX NUT
(1) LOCK WASHER
(1) BUSHING 'O' RING |
| 5 | WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES |
| 6 | MARK SWITCH |
| 7 | ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS) |
| 8 | PUSHBUTTON CAP SOLD SEPARATELY. SEE DRAWING 1825068 AND 1825069 FOR AVAILABLE CAPS |
| 9 | LASER MARKING USED FOR PARTS |

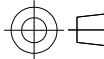


PART NUMBER	Alco P/N	Mark Switch 	Poles	Throws	Terminal	Function		Connected Terminals	
								 3 2 1 6 5 4 9 8 7 12 11 10	 3 2 1 6 5 4 9 8 7 12 11 10
4-1437567-8	MPE406R	MPE 406R	4	2	Wire lug	ON	MOM	2-1, 5-4, 8-7, 11-10	2-3, 5-6, 8-9, 11-12
4-1437567-7	MPE406N	MPE 406N	4	2	Wire lug	ON	ON	2-1, 5-4, 8-7, 11-10	2-3, 5-6, 8-9, 11-12
4-1437567-6	MPE306F	MPE 306F	3	2	Wire lug	ON	MOM	2-1, 5-4, 8-7	2-3, 5-6, 8-9
4-1437567-5	MPE206R	MPE 206R	2	2	Wire lug	ON	MOM	2-1, 5-4	2-3, 5-6
4-1437567-4	MPE206N	MPE 206N	2	2	Wire lug	ON	ON	2-1, 5-4	2-3, 5-6
4-1437567-3	MPE106F	MPE 106F	1	2	Wire lug	ON	MOM	2-1	2-3
4-1437567-2	MPE106D	MPE 106D	1	2	Wire lug	ON	ON	2-1	2-3

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES



TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± .

1 PLC ± .

2 PLC ± .

3 PLC ± .012

4 PLC ± .

ANGLES ± .

FINISH

MATERIAL

-

OWN M.BINNER 15NOVD04

CHK. M.ZITTO 15NOVD04

AP'D M.ZITTO 15NOVD04

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

ALCO SWITCH GREEN SERIES PUSHBUTTON SWITCH, MPE SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

4-1437567-3

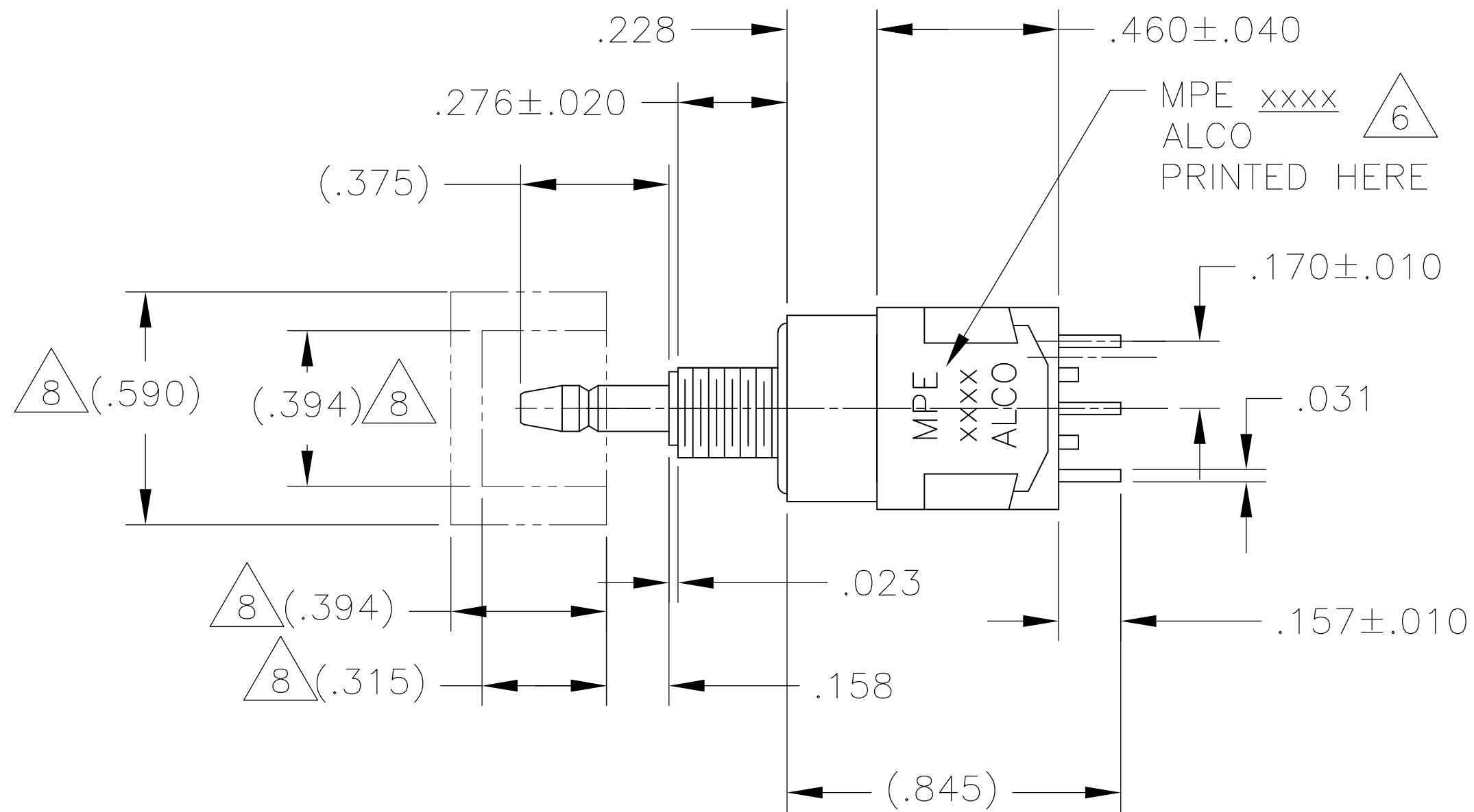
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SCALE 3:1

SHEET 1 OF 3

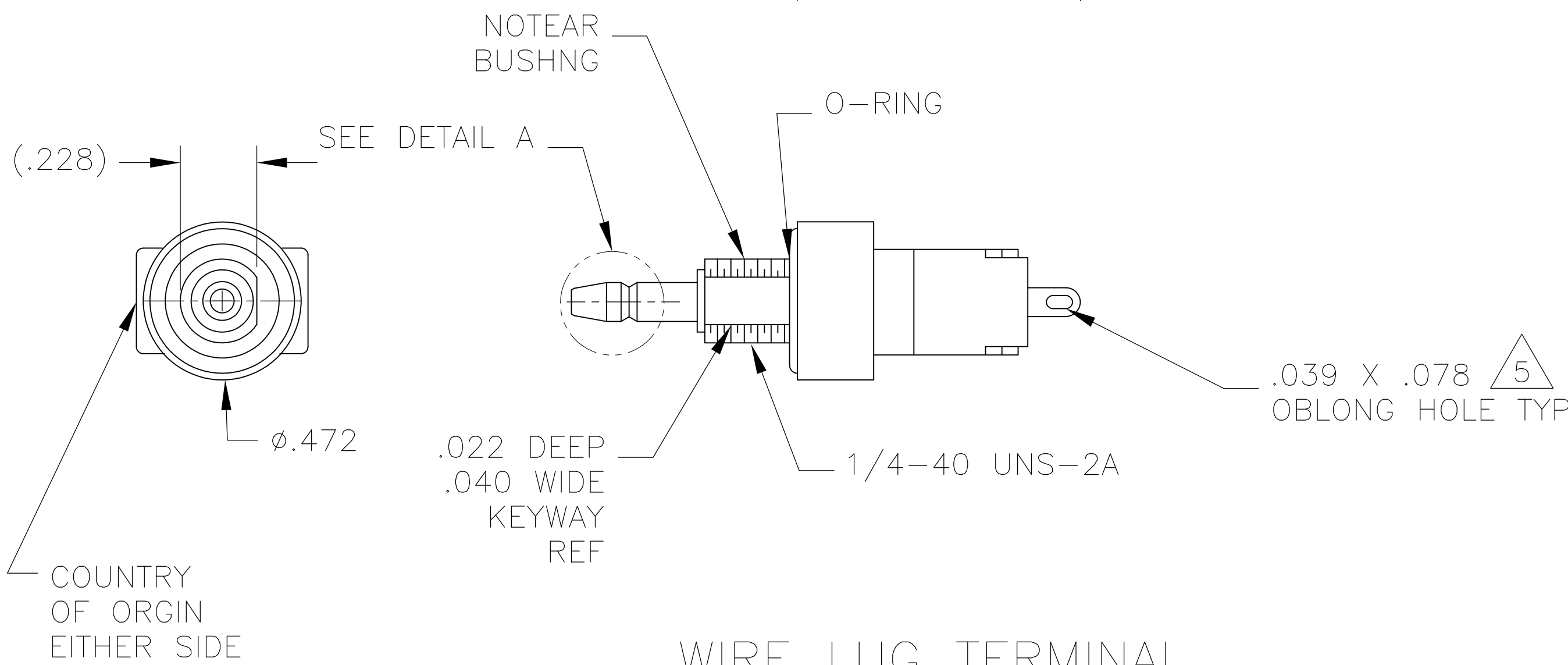
REV A0

LOC		DIST		REVISIONS				
AD		00		REV	DATE	BY	CHK	APP
				1	15NOV04	M. ZITTO		
				2	15NOV04	M. ZITTO		

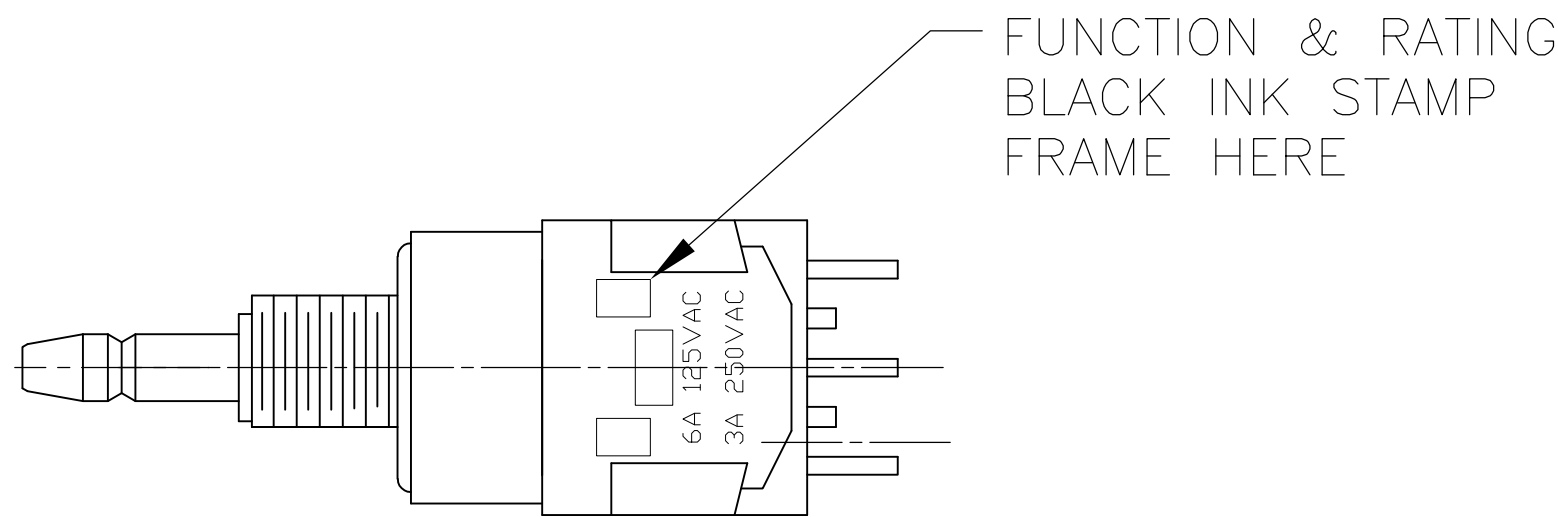


MPE-106

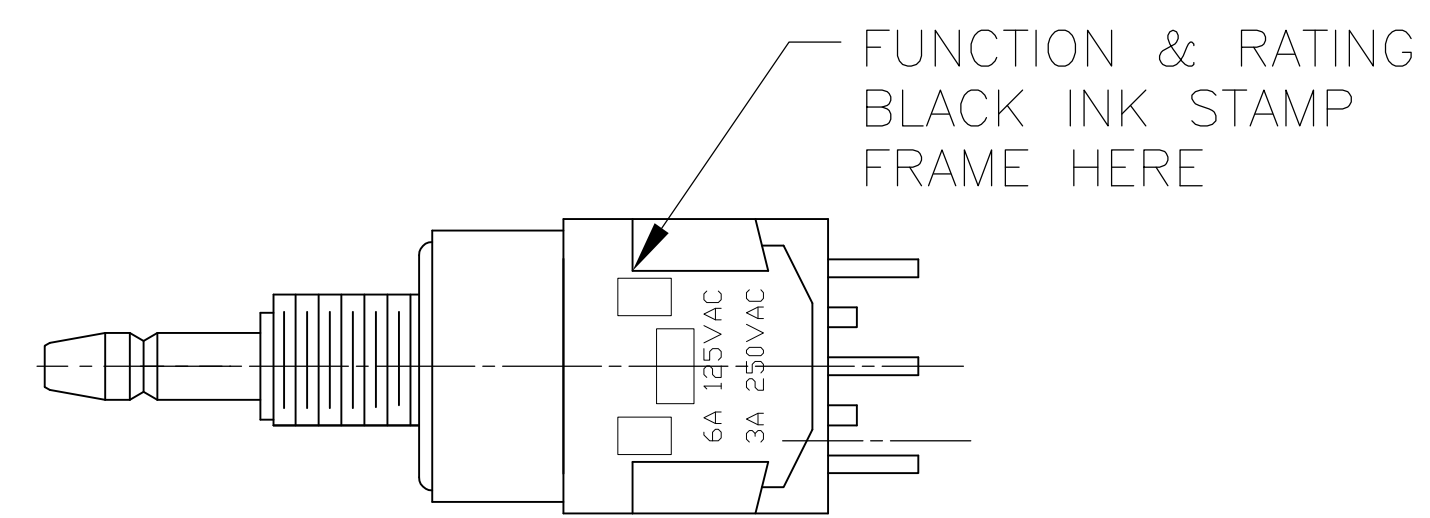
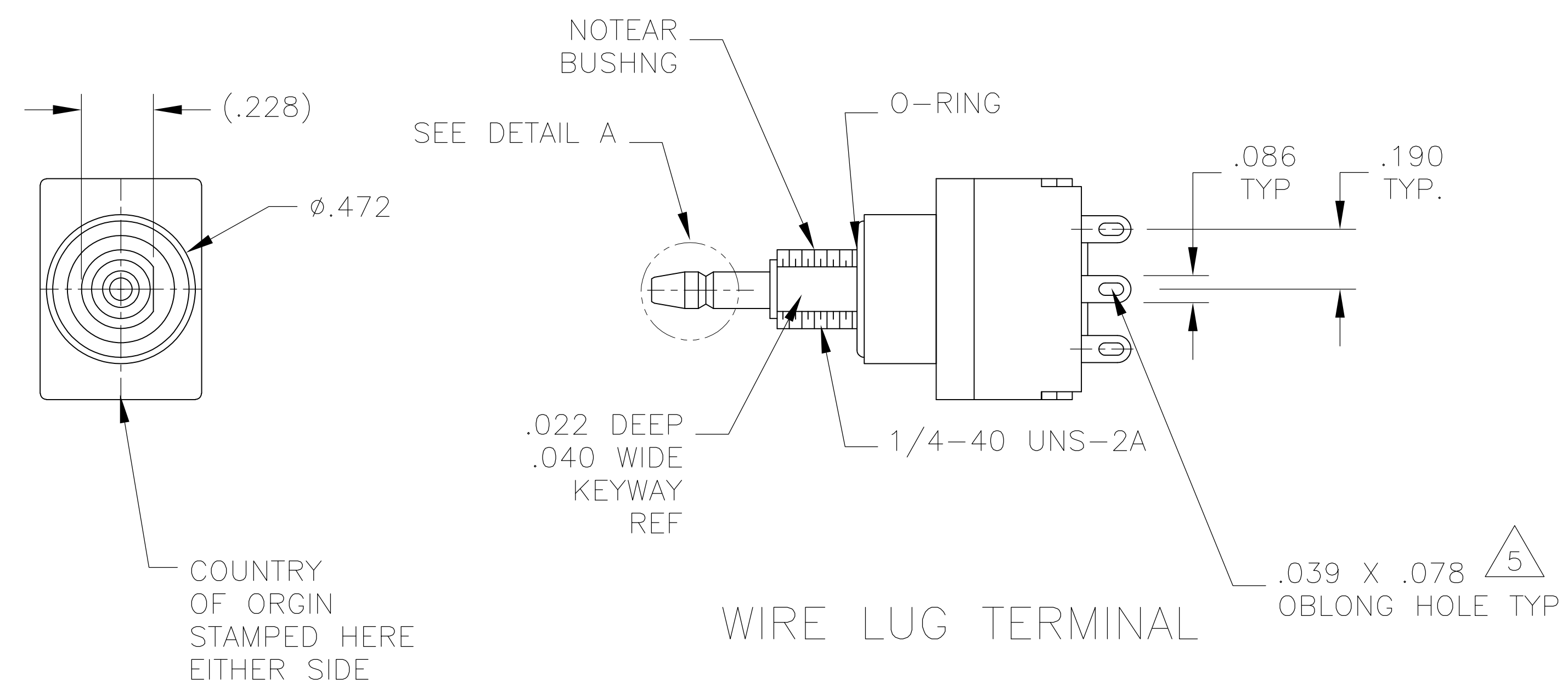
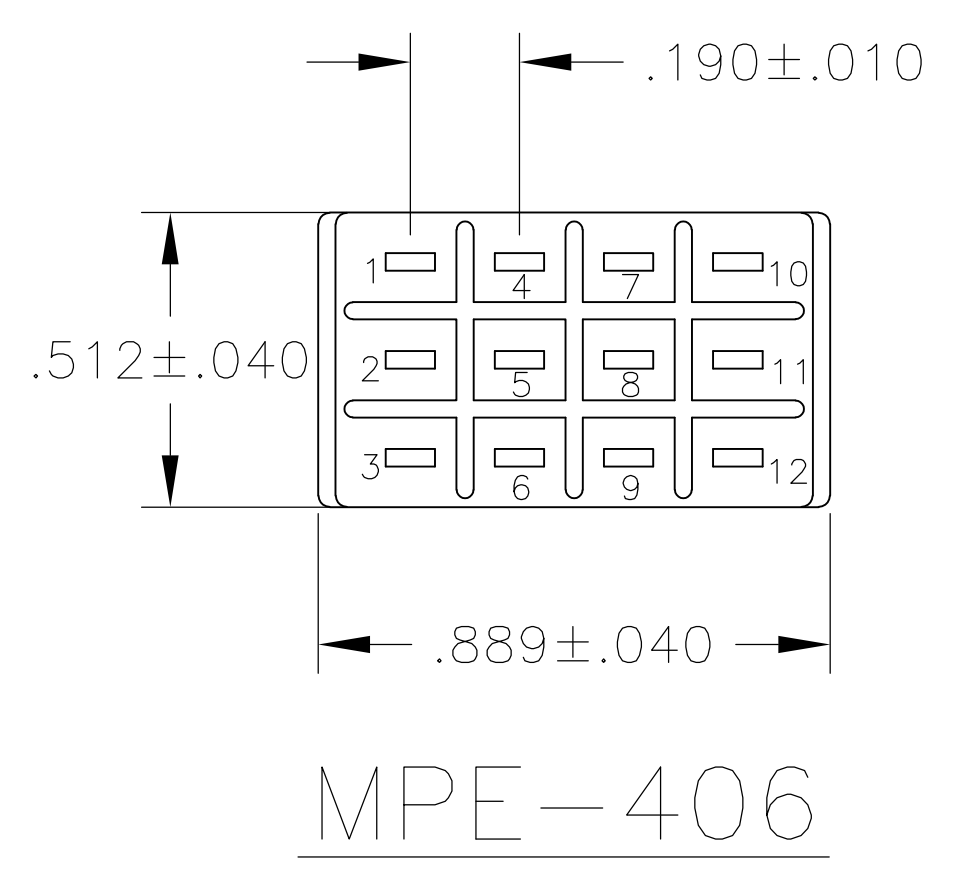
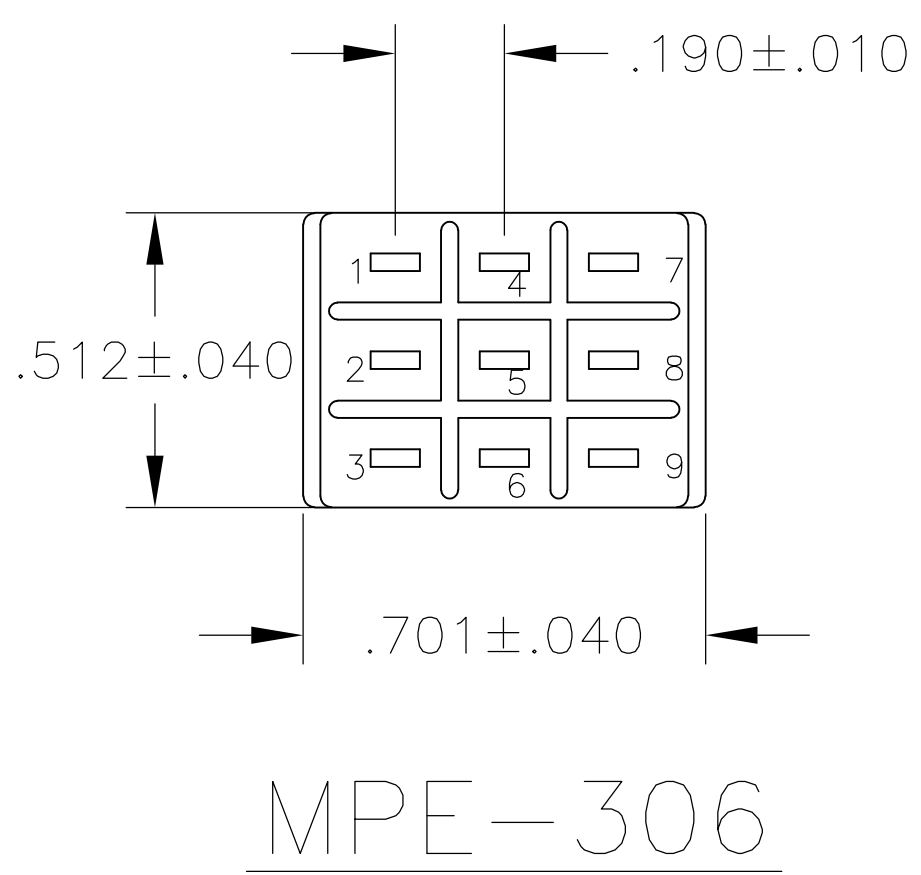
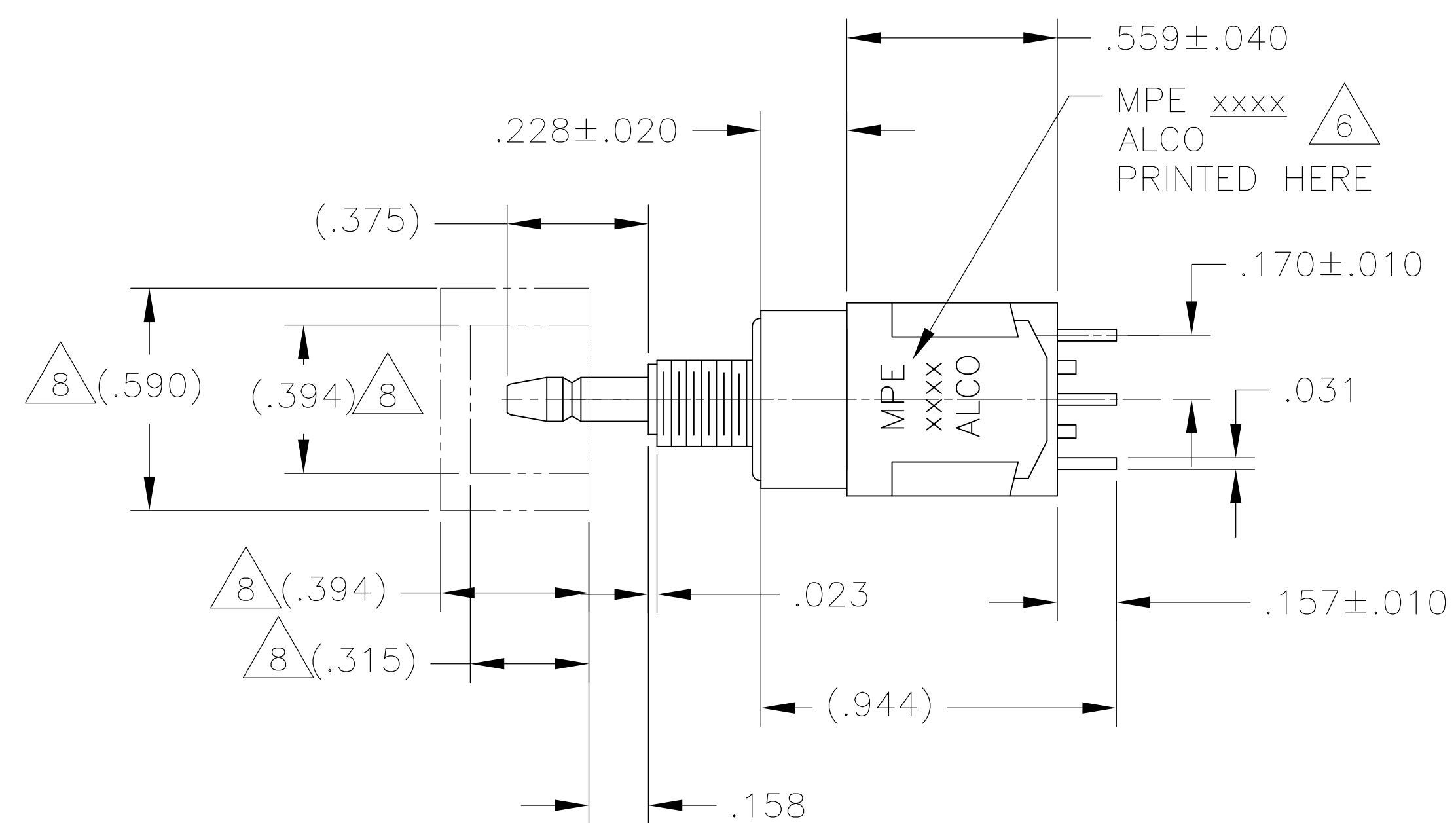
MPE-206



WIRE LUG TERMINAL



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER	15NOV04	TE Connectivity	
		CHK M. ZITTO	15NOV04		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME ALCOSWITCH GREEN SERIES PUSHBUTTON SWITCH, MPE SERIES	
				SIZE A1	
				CAGE CODE 4-1437567-3	
				DRAWING NO 4-1437567-3	
				RESTRICTED TO A6	
				SCALE 3:1	
				SHEET 2 OF 3	
				REV A6	
				CUSTOMER DRAWING	



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