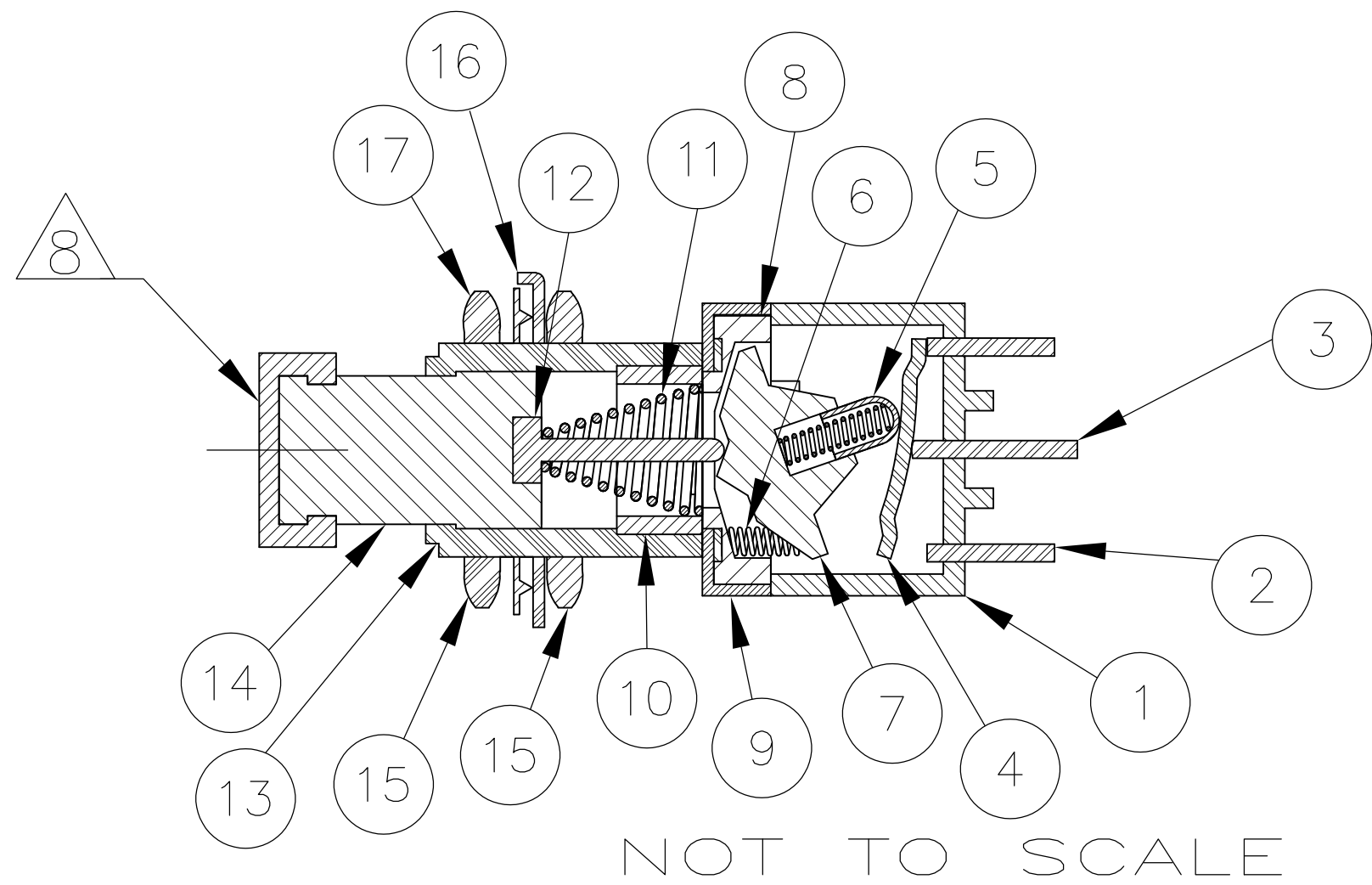


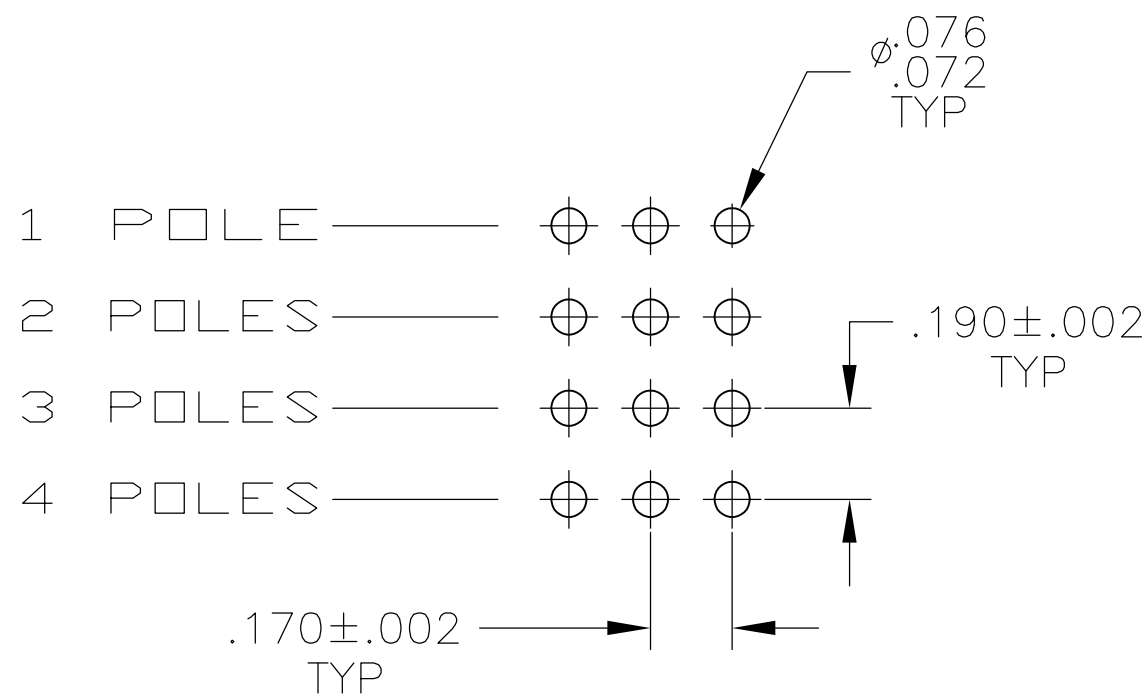
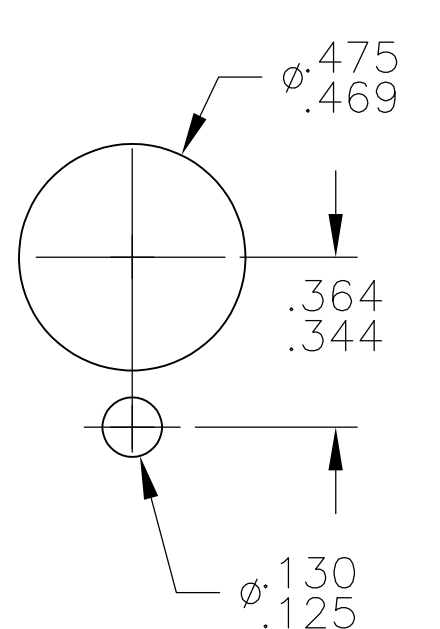
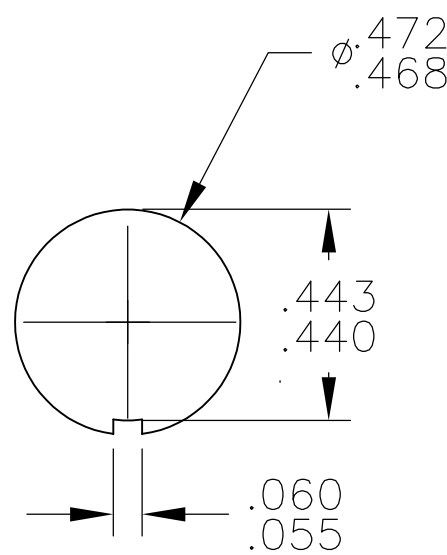
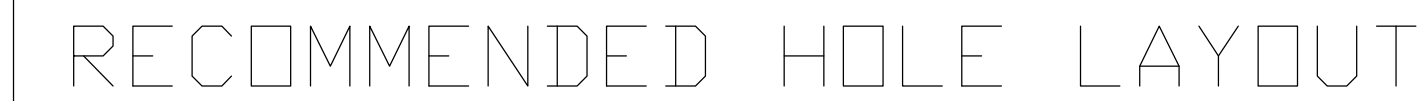
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




LOC	DIST	REVISIONS					
—	—	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C3	REVISED PER ECO-14-010935	19JUL2014	NK	RH

			Materials
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	polymer	
9	Frame	stainless steel 100-77	
10	Retainer/Stopper	polyamid resin	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



Specifications			
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	1,000 megohms min.		
Withstanding voltage	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	Parameter	Push on/ Push off	Momentary
	250 VAC (3A resistive)	30,000	30,000
	125 VAC (6A resistive)	30,000	30,000
	28 VDC (4A resistive)	30,000	30,000

PC BOARD LAYOUT  
PC TERMINAL ONLY

PART NUMBER	Alco P/N	Mark SWITCH 	Poles	Throws	Terminal	Function		Connected Terminals	
									
5-1437567-8	MPG406R	MPG 406R	4	2	Wire lug	ON	MOM	2-1, 5-4, 8-7, 11-10	2-3, 5-6, 8-9, 11-12
5-1437567-7	MPG406N	MPG 406N	4	2	Wire lug	ON	ON	2-1, 5-4, 8-7, 11-10	2-3, 5-6, 8-9, 11-12
5-1437567-6	MPG306F	MPG 306F	3	2	Wire lug	ON	MOM	2-1, 5-4, 8-7	2-3, 5-6, 8-9
5-1437567-5	MPG306D	MPG 306D	3	2	Wire lug	ON	ON	2-1, 5-4, 8-7	2-3, 5-6, 8-9
5-1437567-4	MPG206RPC	MPG 206RPC	2	2	PC	ON	MOM	2-1, 5-4	2-3, 5-6
5-1437567-3	MPG206R	MPG 206R	2	2	Wire lug	ON	MOM	2-1, 5-4	2-3, 5-6
5-1437567-2	MPG206NPC	MPG 206NPC	2	2	PC	ON	ON	2-1, 5-4	2-3, 5-6
5-1437567-1	MPG206N	MPG 206N	2	2	Wire lug	ON	ON	2-1, 5-4	2-3, 5-6
5-1437567-0	MPG106F	MPG 106F	1	2	Wire lug	ON	MOM	2-1	2-3
4-1437567-9	MPG106D	MPG 106D	1	2	Wire lug	ON	ON	2-1	2-3

NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
2. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
  - (2) 15/32-32 UNS-2B HEX NUTS
  - (1) INTERNAL TOOTH LOCKWASHER
  - (1) LOCATING RING





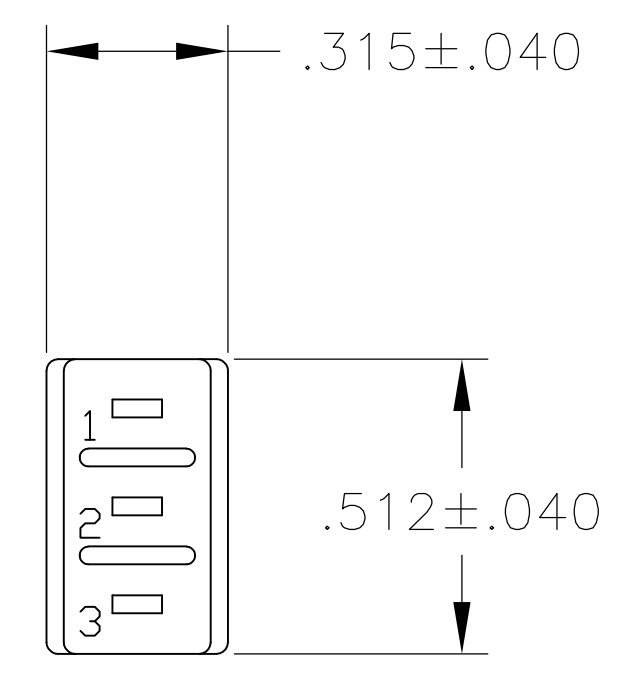
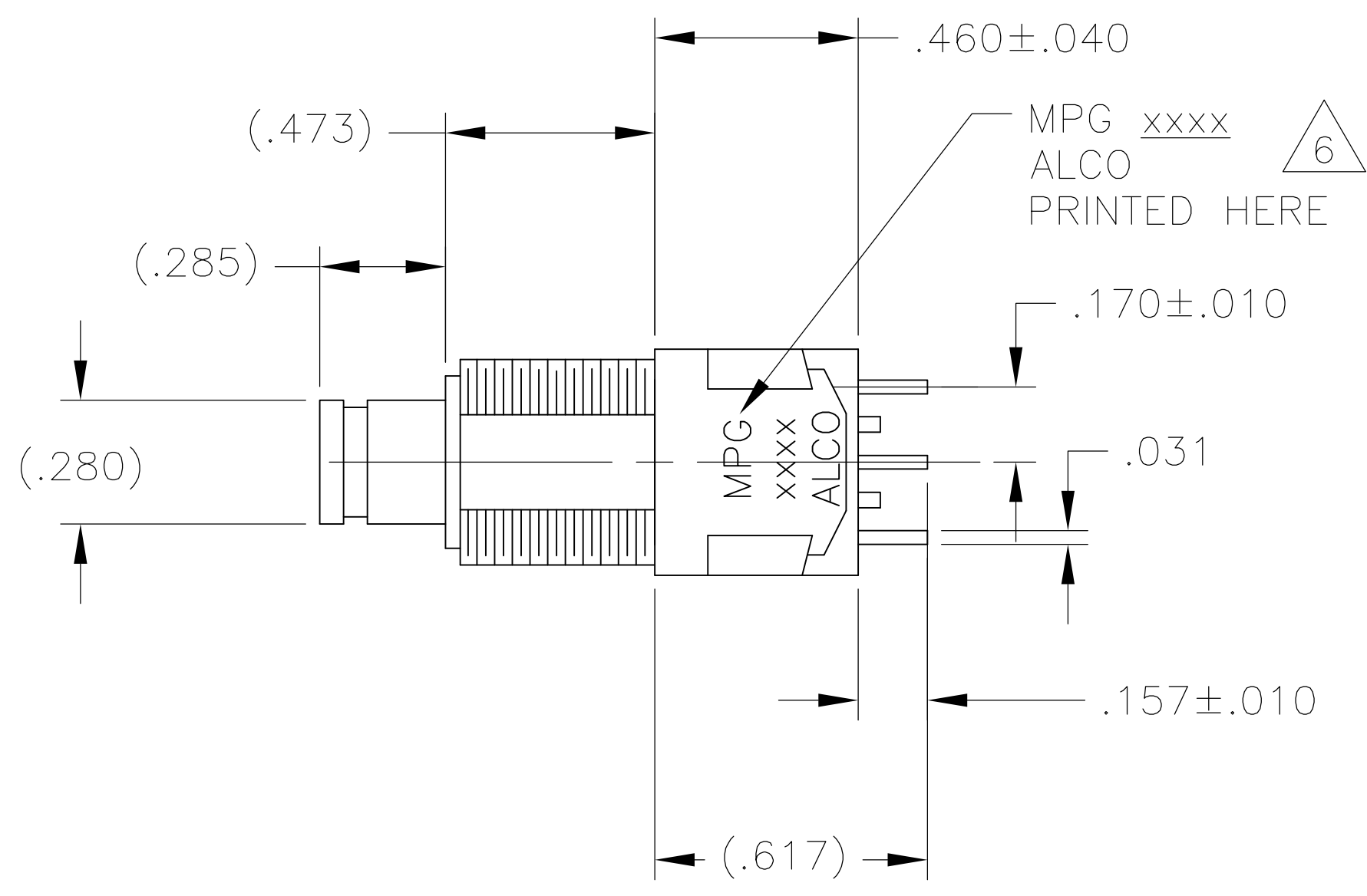
WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.



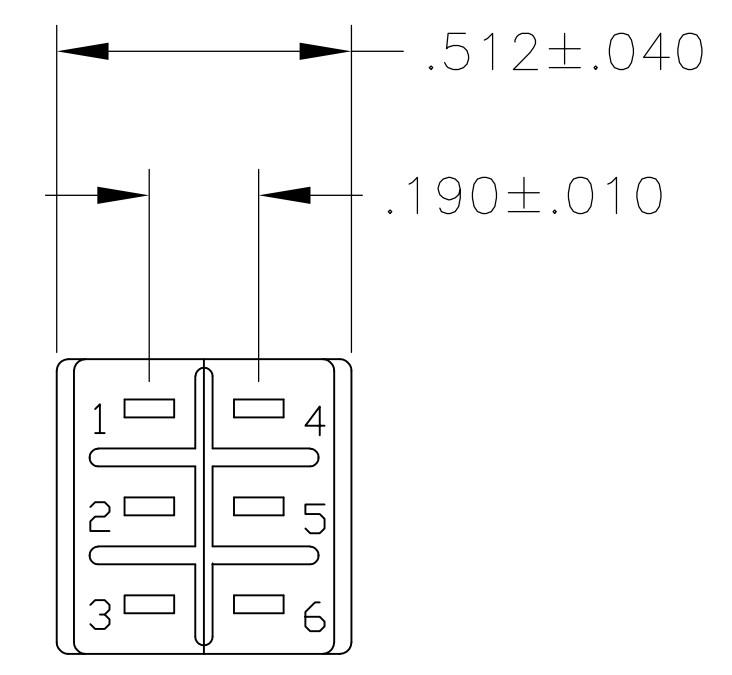
MARK SWITCH

7. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
8. BLACK CAP INCLUDED WITH EACH SWITCH IF DIFFERENT COLOR REQUIRED ORDER SEPARATELY DRAWING NUMBER 7-1437627-1
9. LASER MARKING USED FOR PARTS.

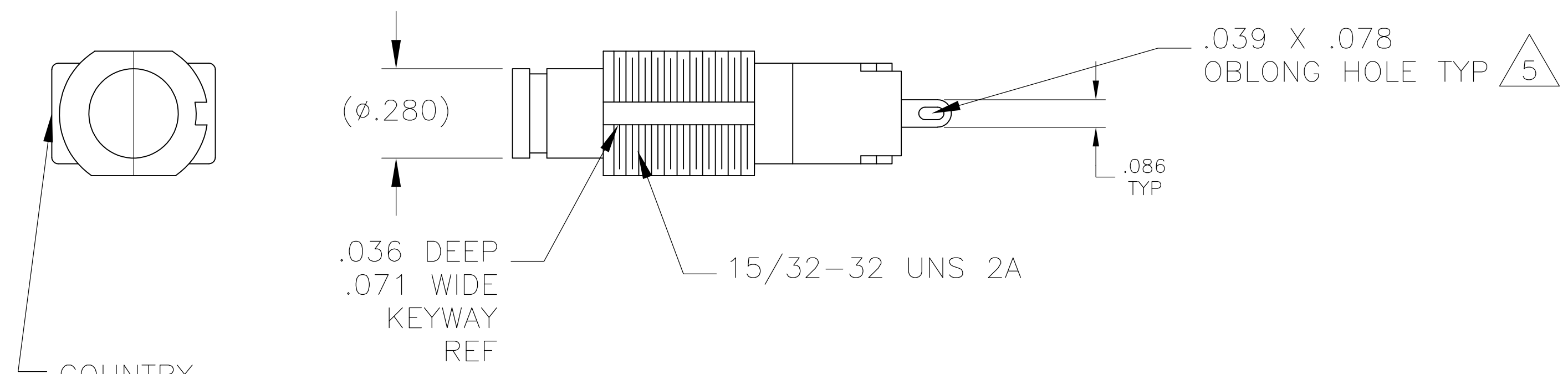
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M. BINNER	02MAR09	 TE Connectivity
		CH M. ZITTO	15NOV04	
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME ALCO SWITCH GREEN SERIES PUSHBUTTON SWITCH, MPG SERIES
INCHES		APPROX M. ZITTO		
		PRODUCT SPEC		
		APPLICATION SPEC		
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .012 4 PLC ± — ANGLES ± — FINISH —		WEIGHT —		SIZE CAGE CODE DRAWING NO A1 00779 C 4-1437567-9
MATERIAL —		CUSTOMER DRAWING		SCALE 3:1 SHEET 1 OF 3 REV C



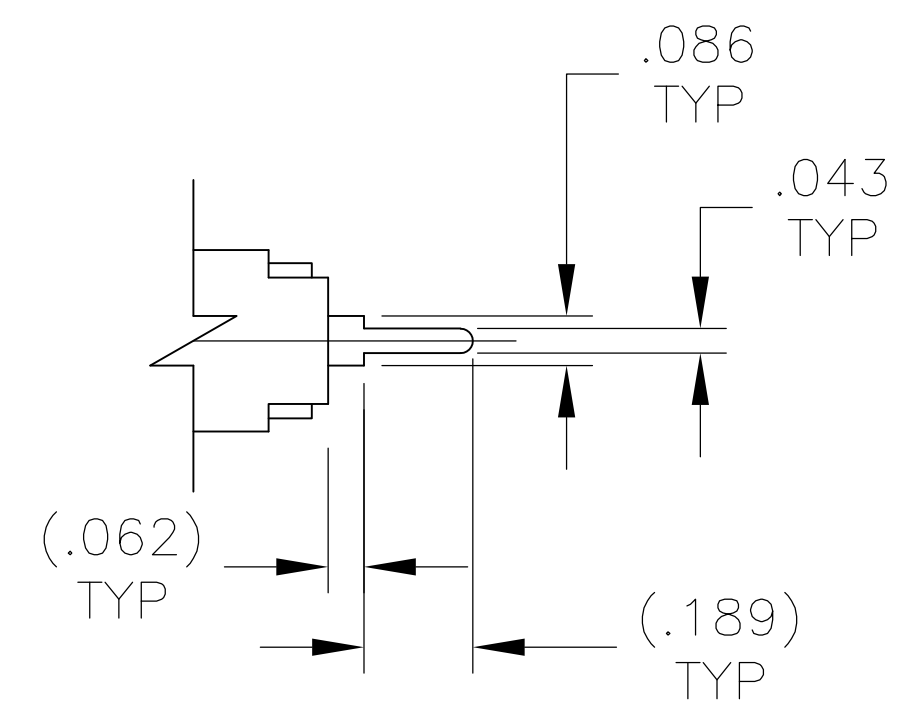
MPG-106



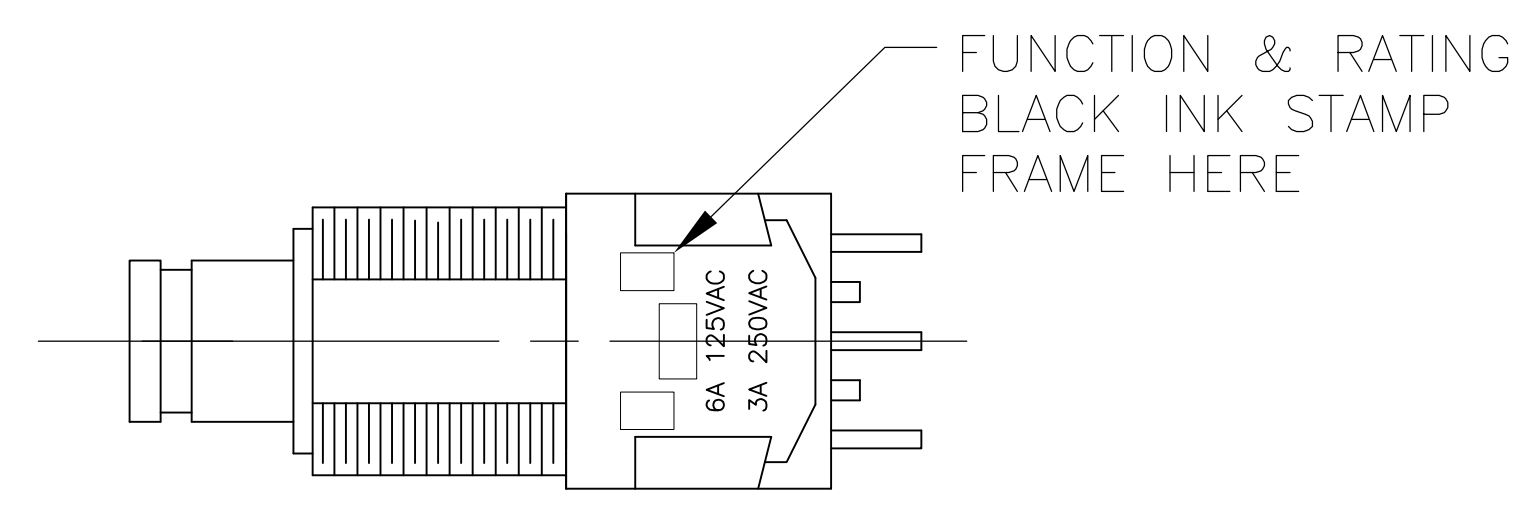
MPG-206



WIRE LUG TERMINAL



PC TERMINAL



COUNTRY OF ORGIN STAMPED HERE EITHER SIDE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

M. BINNER

02MAR09

CHK

M. ZITTO

15NOV04

DIMENSIONS:

INCHES

0. PLC

1. PLC

2. PLC

3. PLC

4. PLC

ANGLES

± .

± .

± .

± .012

± .

± .

TOLERANCES UNLESS OTHERWISE SPECIFIED:

APVD

M. ZITTO

15NOV04

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

MATERIAL

—

FINISH

—

SCALE

3:1

SHEET

2

OF

3

REV

C3

NAME

ALCOSWITCH GREEN SERIES PUSHBUTTON SWITCH, MPG SERIES

SIZE

A1

CAGE CODE

00779

DRAWING NO

4-1437567-9

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE

3:1

SHEET

2

OF

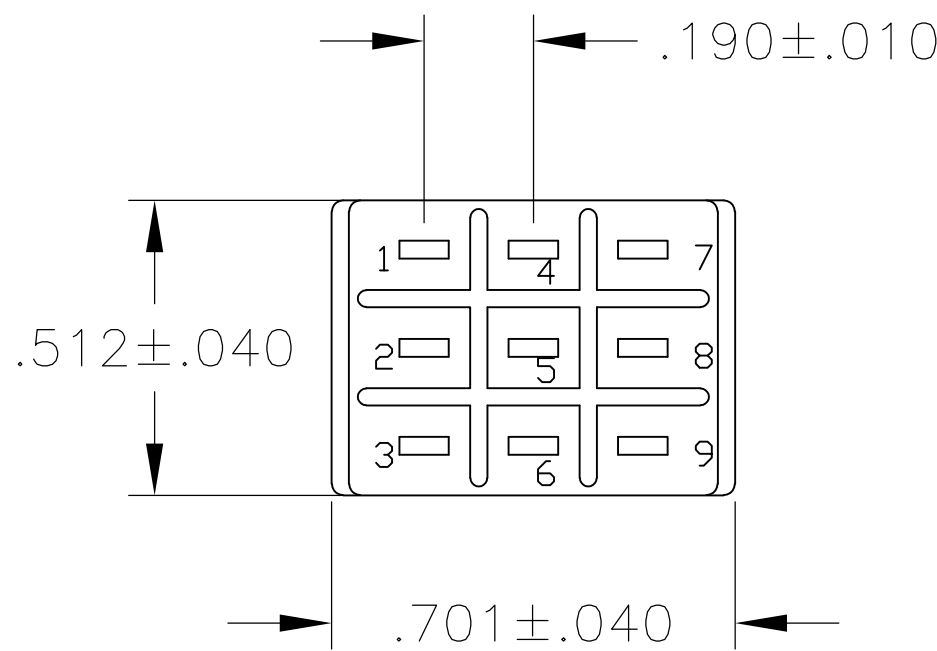
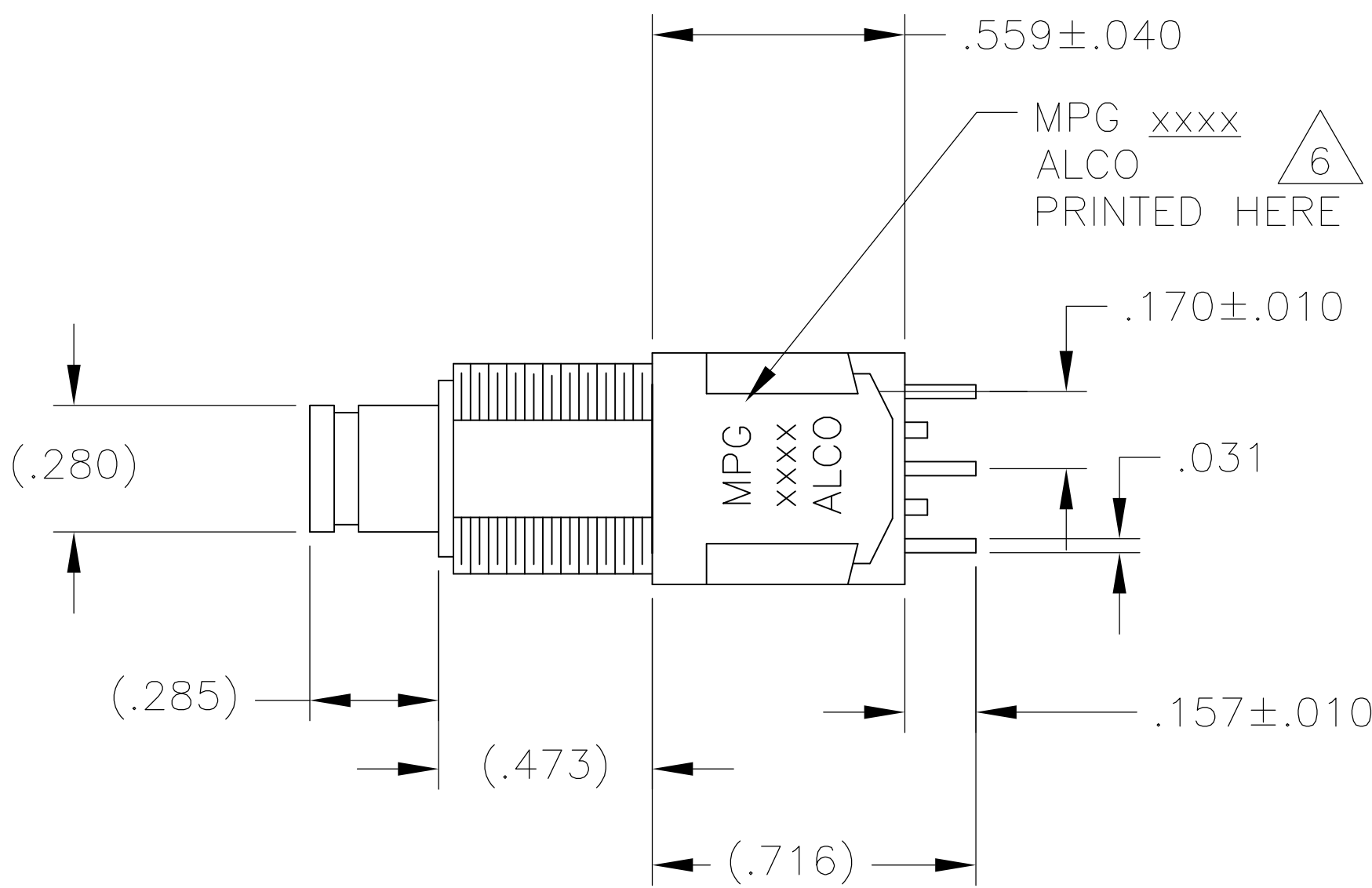
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REV

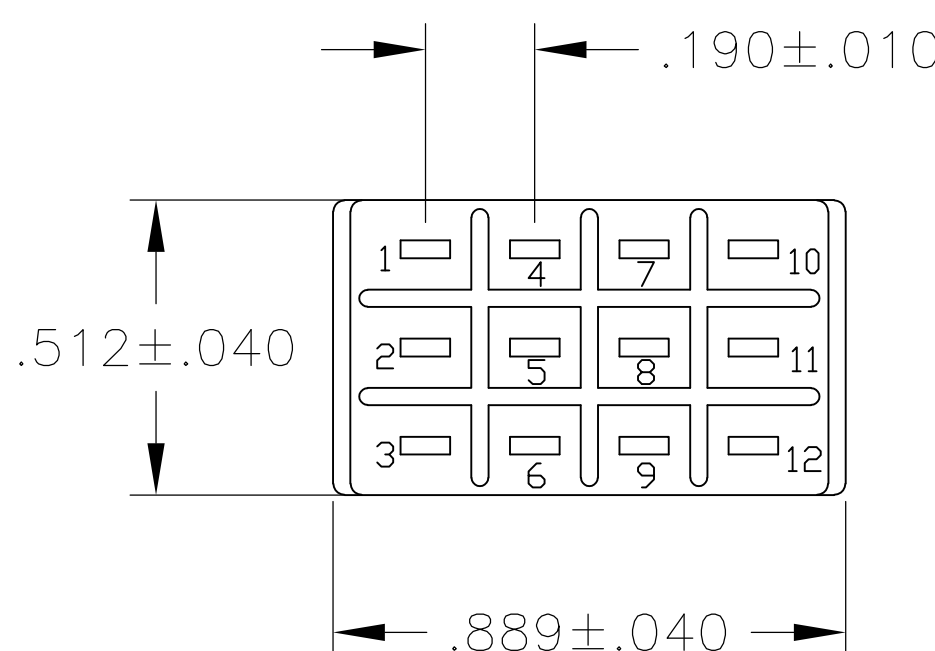
C3

TE Connectivity

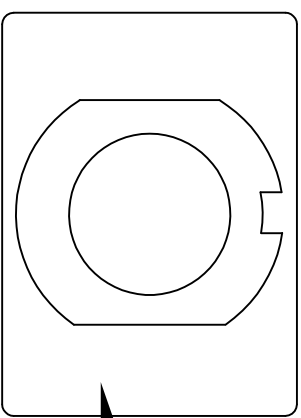
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
-	-	-	-	SEE SHEET 1	-	-



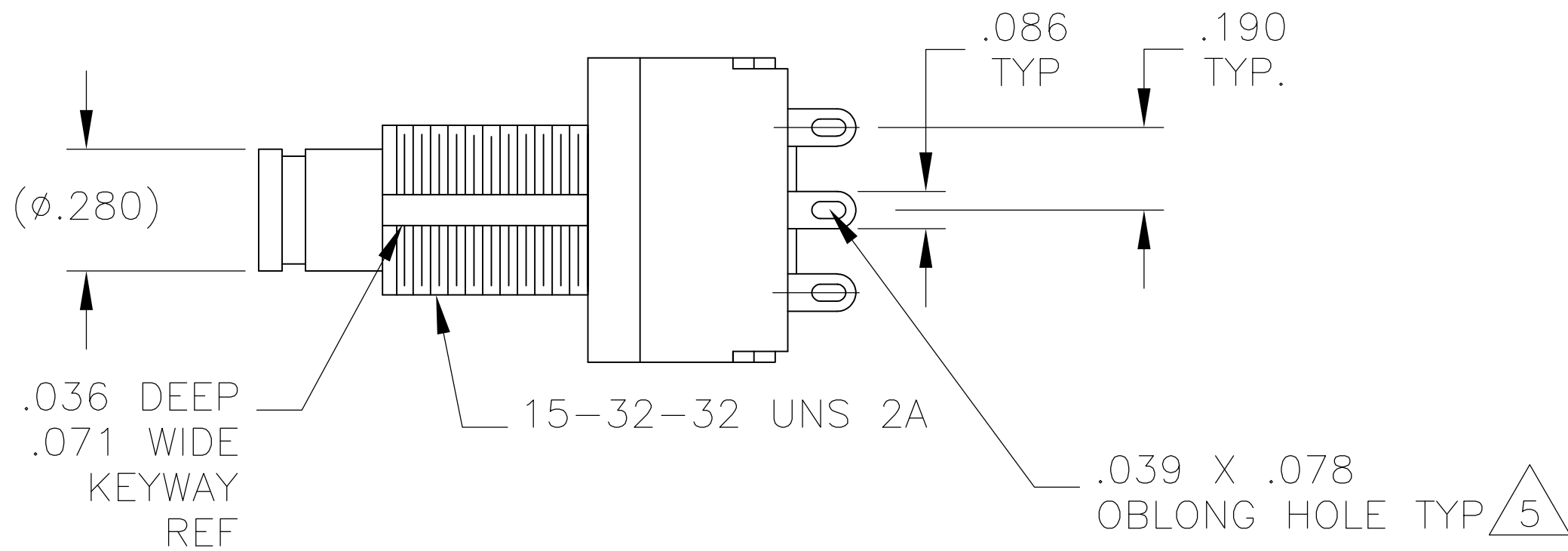
MPG-306



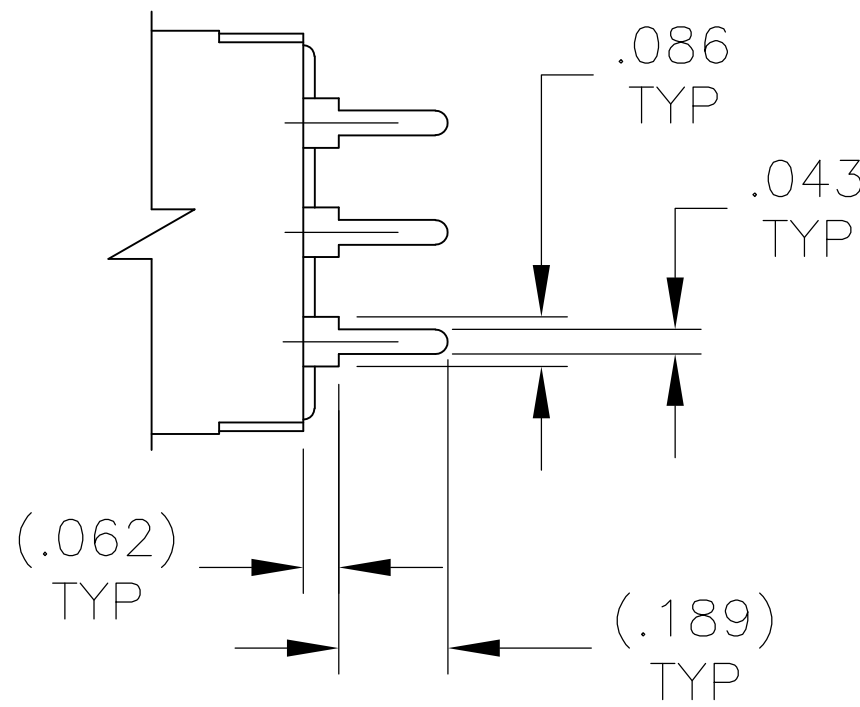
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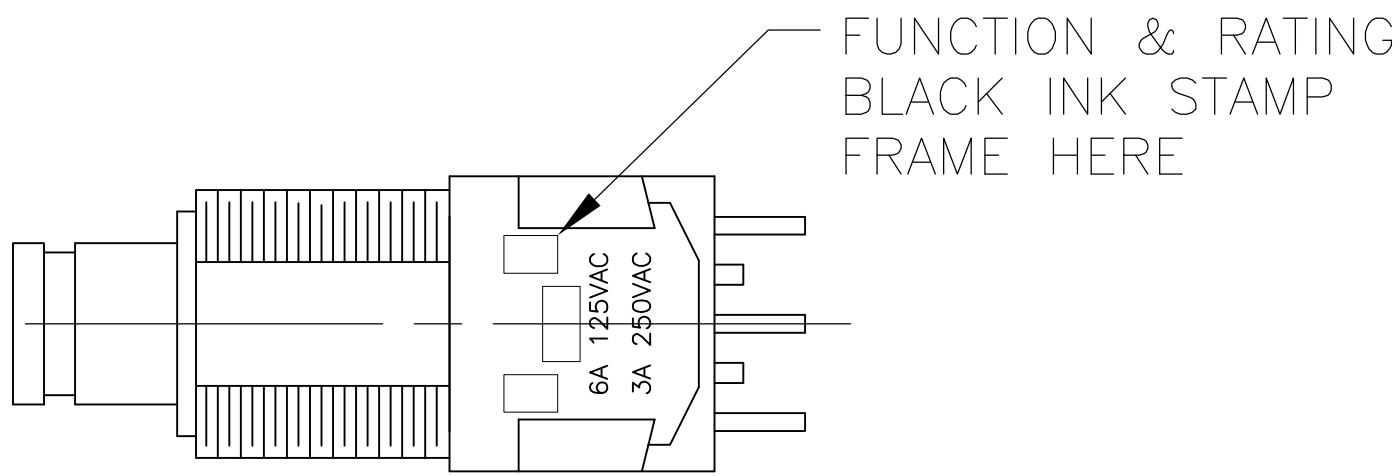
COUNTRY OF ORGIN STAMPED HERE EITHER SIDE



WIRE LUG TERMINAL



PC TERMINAL



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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	AP'D M. ZITTO	15NOV04		
	0. PLC ± -	PRODUCT SPEC	NAME	ALCOSWITCH GREEN SERIES PUSHBUTTON SWITCH, MPG SERIES	
	1. PLC ± -	APPLICATION SPEC	SIZE		
	2. PLC ± -	WEIGHT	CAGE CODE	A1 00779 4-1437567-9	
	3. PLC ± .012	CUSTOMER DRAWING	DRAWING NO		
MATERIAL	FINISH	SCALE	3:1	SHEET	3 OF 3
		REV	C3		

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