

8

7

6

5

4

3

2

1

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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

10

9

3

4

2

1

6

5

8

7

12

14

13

11

NOT TO SCALE

Part Number

Alco Model

Poles

Throws

Function

Terminal

3 2 1

6 5 4

9 8 7

12 11 10

3 2 1

6 5 4

9 8 7

12 11 10

3 2 1

6 5 4

9 8 7

12 11 10

4-1437558-8

MTA406PPC

4

2

ON OFF ON

PC

2-3, 5-6, 8-9, 11-12

Off

2-1, 5-4, 8-7, 11-10

4-1437558-7

MTA406PAPC

2

3

ON ON ON

PC

5-6, 11-12

5-3, 11-9

5-1, 11-7

note 7

4-1437558-6

MTA406PA

2

3

ON ON ON

Wire lug

5-6, 11-12

5-3, 11-9

5-1, 11-7

note 7

4-1437558-5

MTA406P

4

2

ON OFF ON

Wire lug

2-3, 5-6, 8-9, 11-12

Off

2-1, 5-4, 8-7, 11-10

4-1437558-4

MTA406NPC

4

2

ON ON

PC

2-3, 5-6, 8-9, 11-12

2-1, 5-4, 8-7, 11-10

4-1437558-3

MTA406N

4

2

ON ON

Wire lug

2-3, 5-6, 8-9, 11-12

2-1, 5-4, 8-7, 11-10

4-1437558-2

MTA306HPC

3

2

ON OFF(ON)

PC

2-3, 5-6, 8-9

Off

2-1, 5-4, 8-7

4-1437558-1

MTA306H

3

2

ON OFF(ON)

Wire lug

2-3, 5-6, 8-9

Off

2-1, 5-4, 8-7

4-1437558-0

MTA306FPC

3

2

ON (ON)

PC

2-3, 5-6, 8-9

2-1, 5-4, 8-7

3-1437558-9

MTA306F

3

2

ON (ON)

Wire lug

2-3, 5-6, 8-9

2-1, 5-4, 8-7

3-1437558-8

MTA306EPC

3

2

ON OFF ON

PC

2-3, 5-6, 8-9

Off

2-1, 5-4, 8-7

3-1437558-7

MTA306E

3

2

ON OFF ON

Wire lug

2-3, 5-6, 8-9

Off

2-1, 5-4, 8-7

3-1437558-6

MTA306DPC

3

2

ON ON

PC

2-3, 5-6, 8-9

2-1, 5-4, 8-7

3-1437558-5

MTA306D

3

2

ON ON

Wire lug

2-3, 5-6, 8-9

2-1, 5-4, 8-7

3-1437558-4

MTA206TPC

2

2

ON OFF(ON)

PC

2-3, 5-6

OFF

2-1, 5-4

3-1437558-3

MTA206TA

1

3

ON ON (ON)

Wire lug

5-6

5-3

5-1

note 6

3-1437558-2

MTA206T

2

2

ON OFF(ON)

Wire lug

2-3, 5-6

OFF

2-1, 5-4

3-1437558-1

MTA206SPC

2

2

(ON) OFF (ON)

PC

2-3, 5-6

OFF

2-1, 5-4

3-1437558-0

MTA206SA

1

3

(ON) ON (ON)

Wire lug

5-6

5-3

5-1

note 6

2-1437558-9

MTA206S

2

2

(ON) OFF (ON)

Wire lug

2-3, 5-6

OFF

2-1, 5-4

2-1437558-8

MTA206RPC

2

2

ON (ON)

PC

2-3, 5-6

2-1, 5-4

2-1437558-7

MTA206R

2

2

ON (ON)

Wire lug

2-3, 5-6

2-1, 5-4

2-1437558-5

MTA206PPC

2

2

ON OFF ON

PC

2-3, 5-6

OFF

2-1, 5-4

2-1437558-4

MTA206PAPC

1

3

ON ON ON

PC

5-6

5-3

5-1

note 6

2-1437558-3

MTA206PA

1

3

ON ON ON

Wire lug

5-6

5-3

5-1

note 6

2-1437558-2

MTA206P

2

2

ON OFF ON

Wire lug

2-3, 5-6

OFF

2-1, 5-4

2-1437558-1

MTA206NPC

2

2

ON ON

PC

2-3, 5-6

2-1, 5-4

2-1437558-0

MTA206N

2

2

ON ON

Wire lug

2-3, 5-6

2-1, 5-4

1-1437558-9

MTA106HPC

1

2

ON OFF(ON)

PC

2-3

OFF

2-1

1-1437558-8

MTA106H

1

2

ON OFF(ON)

Wire lug

2-3

OFF

2-1

1-1437558-7

MTA106GPC

1

2

(ON) OFF (ON)

PC

2-3

OFF

2-1

1-1437558-6

MTA106G

1

2

(ON) OFF (ON)

Wire lug

2-3

OFF

2-1

1-1437558-5

MTA106FPC

1

2

ON (ON)

PC

2-3

2-1

1-1437558-4

MTA106F

1

2

ON (ON)

Wire lug

2-3

2-1

1-1437558-3

MTA106EPC

1

2

ON OFF ON

PC

2-3

Off

2-1

1-1437558-2

MTA106E

1

2

ON OFF ON

Wire lug

2-3

Off

2-1

1-1437558-1

MTA106DPC

1

2

ON ON

PC

2-3

2-1

1571616-1

MTA106DUL

1

2

ON ON

Wire lug

2-3

2-1

1-1437558-0

MTA106D

1

2

ON ON

Wire lug

2-3

2-1

5.

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

6.

CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNCTION.

7.

CUSTOMER INSTALLED EXTERNAL JUMPERS BETWEEN TERMINALS 2 AND 4 AS WELL AS 8 AND 10 REQUIRED FOR 2 POLE 3 THROW FUNCTION.

8

OBSOLETE

9.

LASER MARKING USED FOR PARTS.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES

MATERIAL

-

FINISH

-

DWN
M. BINNER

29DEC03

CHK
M. ZITTO

29DEC03

APVD
M. ZITTO

29DEC03

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

—

NAME

TOGGLE SWITCH, MTA SERIES
VERTICAL MOUNT

—

SIZE

CAGE CODE

DRAWING NO

A100779

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE 2:1

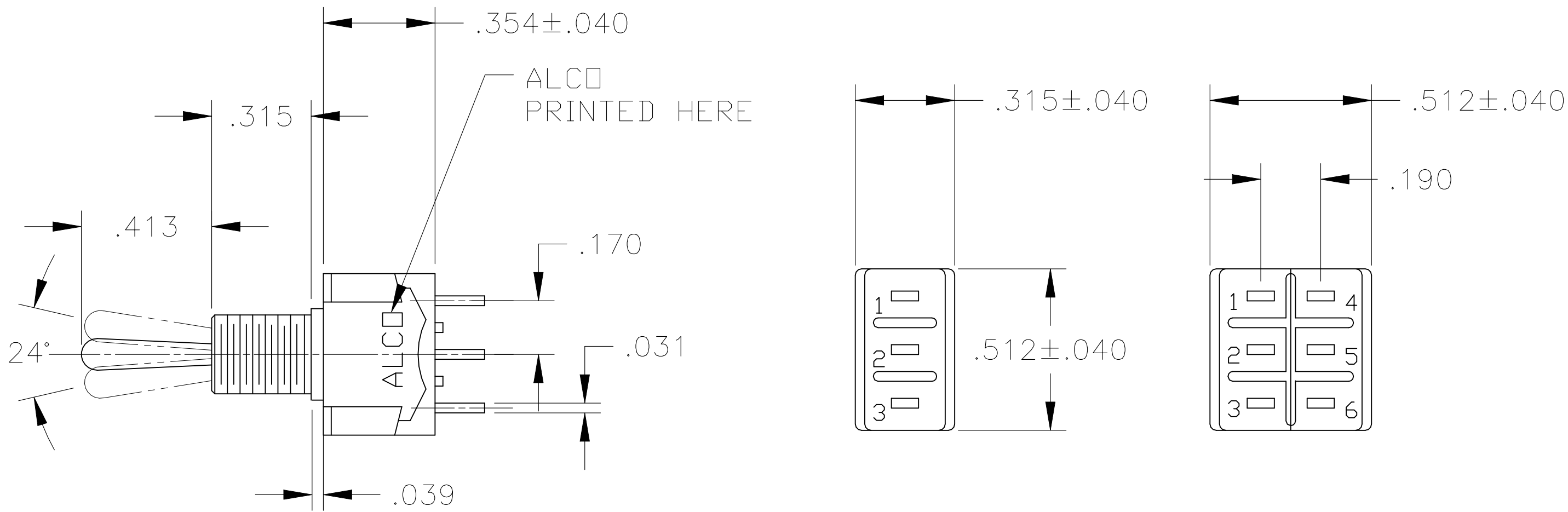
SHEET 1 OF 3

REV E5

TE Connectivity Ltd.

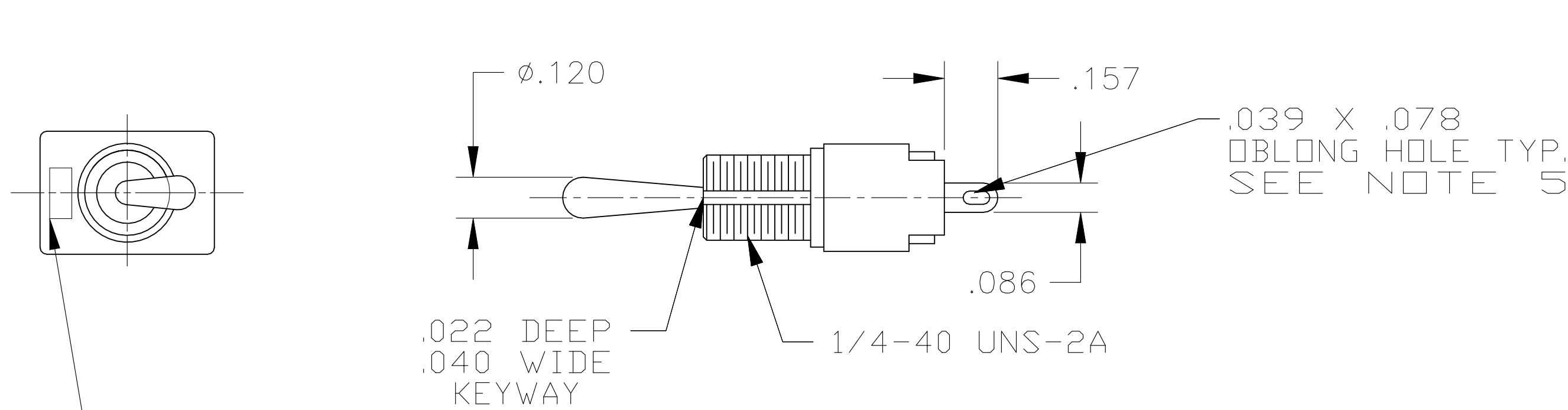
4805 (1/15)

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

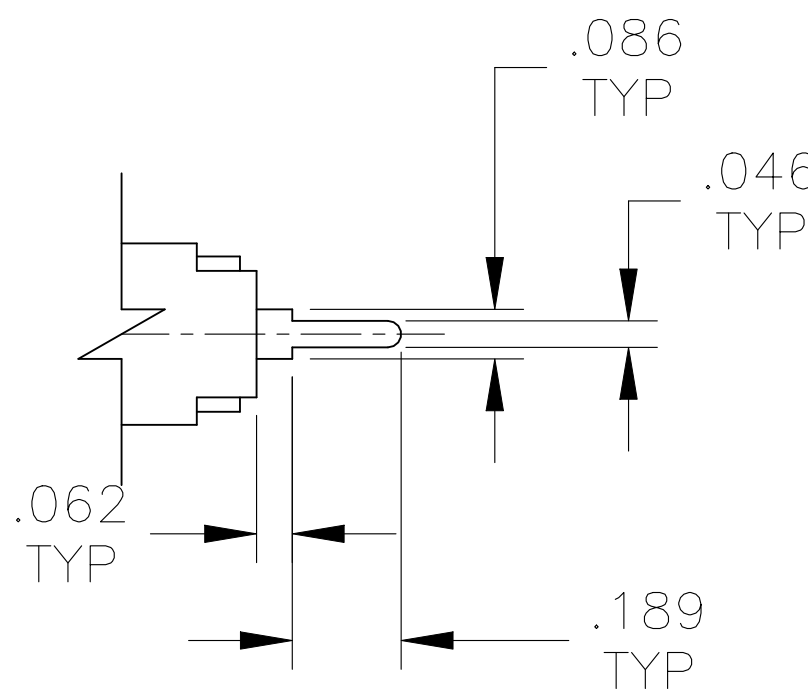


MTA-106

MTA-206

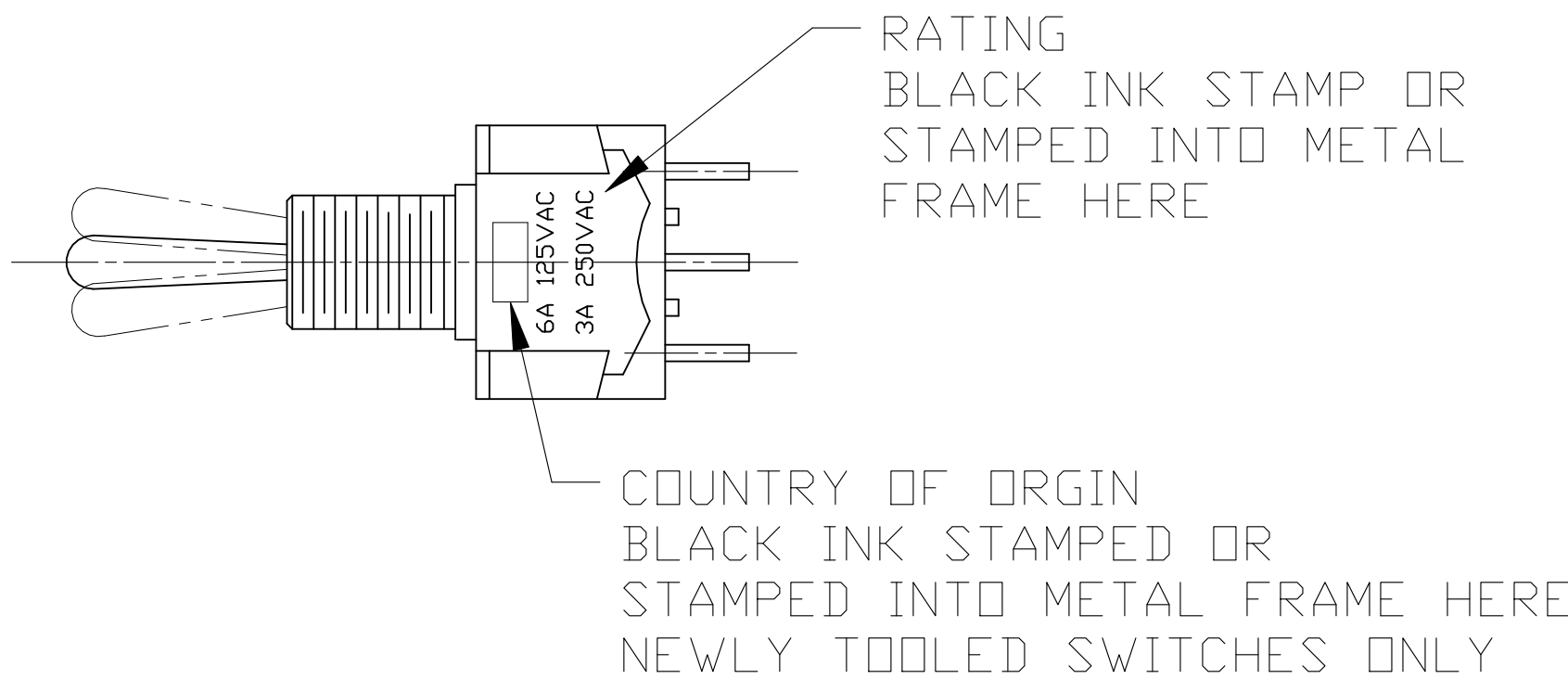


WIRE LUG TERMINAL



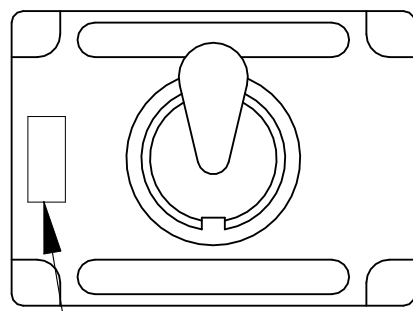
PC TERMINAL

COUNTRY OF ORIGIN
STAMPED HERE
EXISTING
SWITCHES ONLY

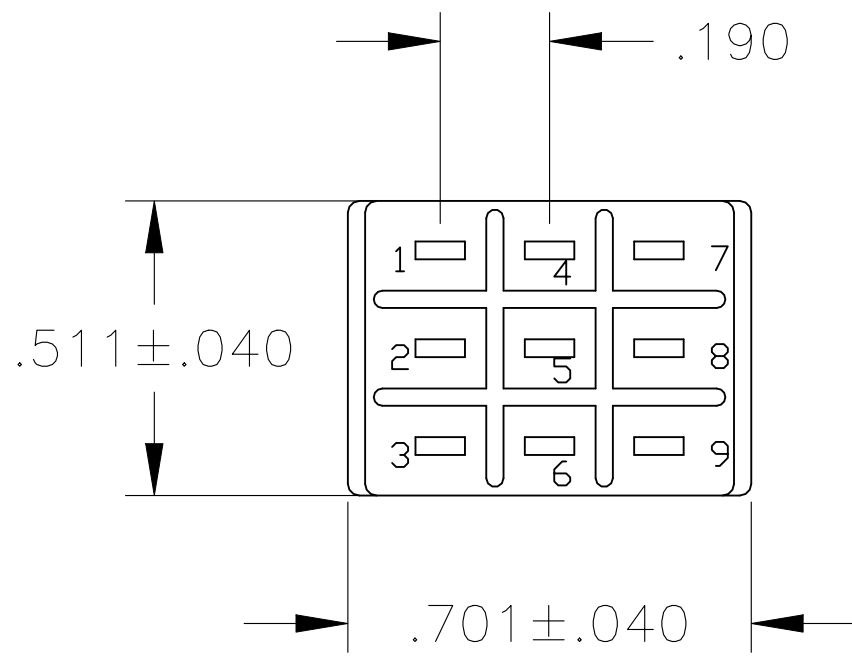
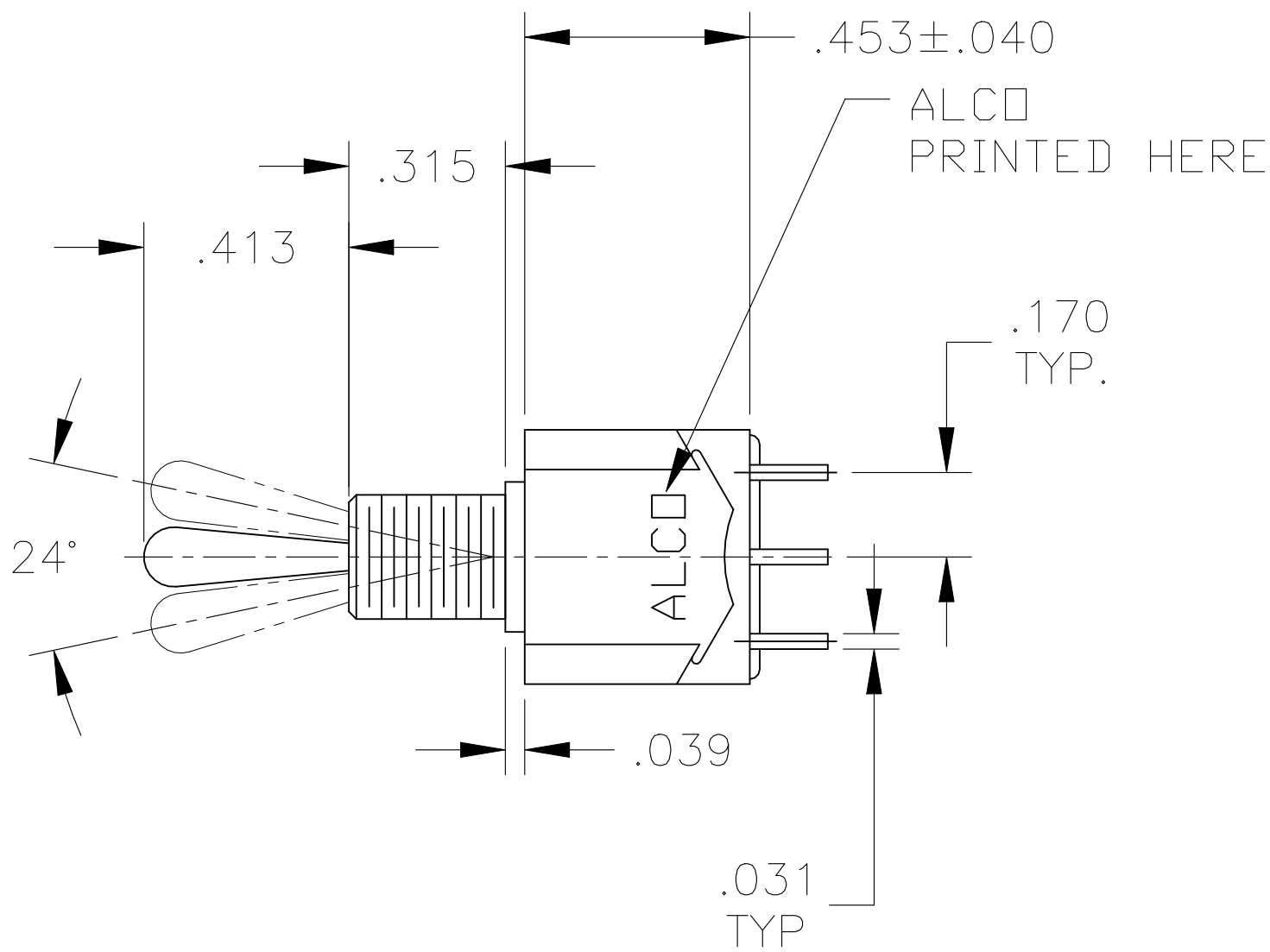


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		CHK M. ZITTO 29DEC03		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. ZITTO 29DEC03	NAME	TOGGLE SWITCH, MTA SERIES VERTICAL MOUNT
	0. PLC ± .005 1. PLC ± .005 2. PLC ± .005 3. PLC ± .005 4. PLC ± .005 ANGLES ± .005	PRODUCT SPEC	SIZE	CAGE CODE
		APPLICATION SPEC	DRAWING NO	RESTRICTED TO
MATERIAL	FINISH	WEIGHT	A100779	1-1437558-0
CUSTOMER DRAWING		SCALE	1:1	SHEET 2 OF 3 REV E5

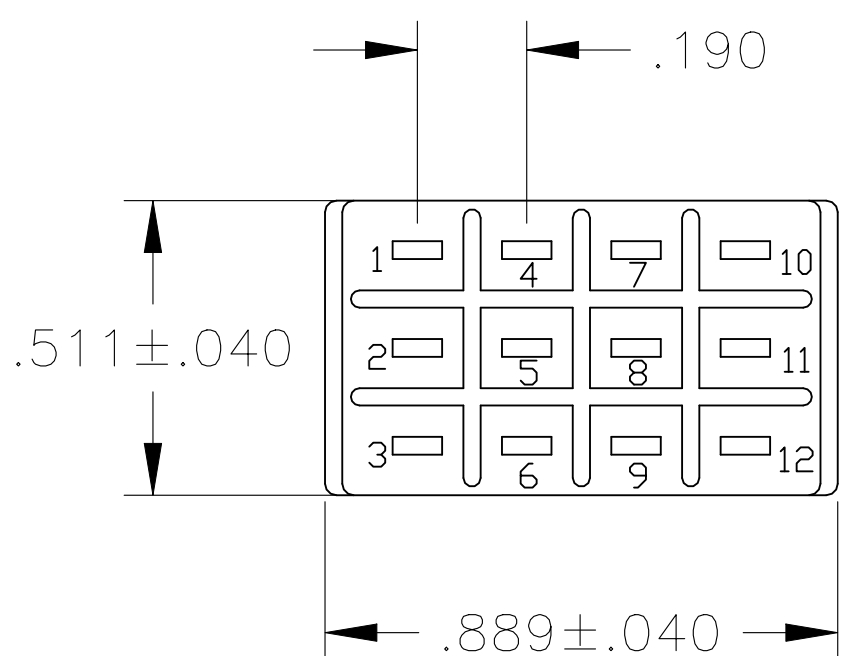
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—



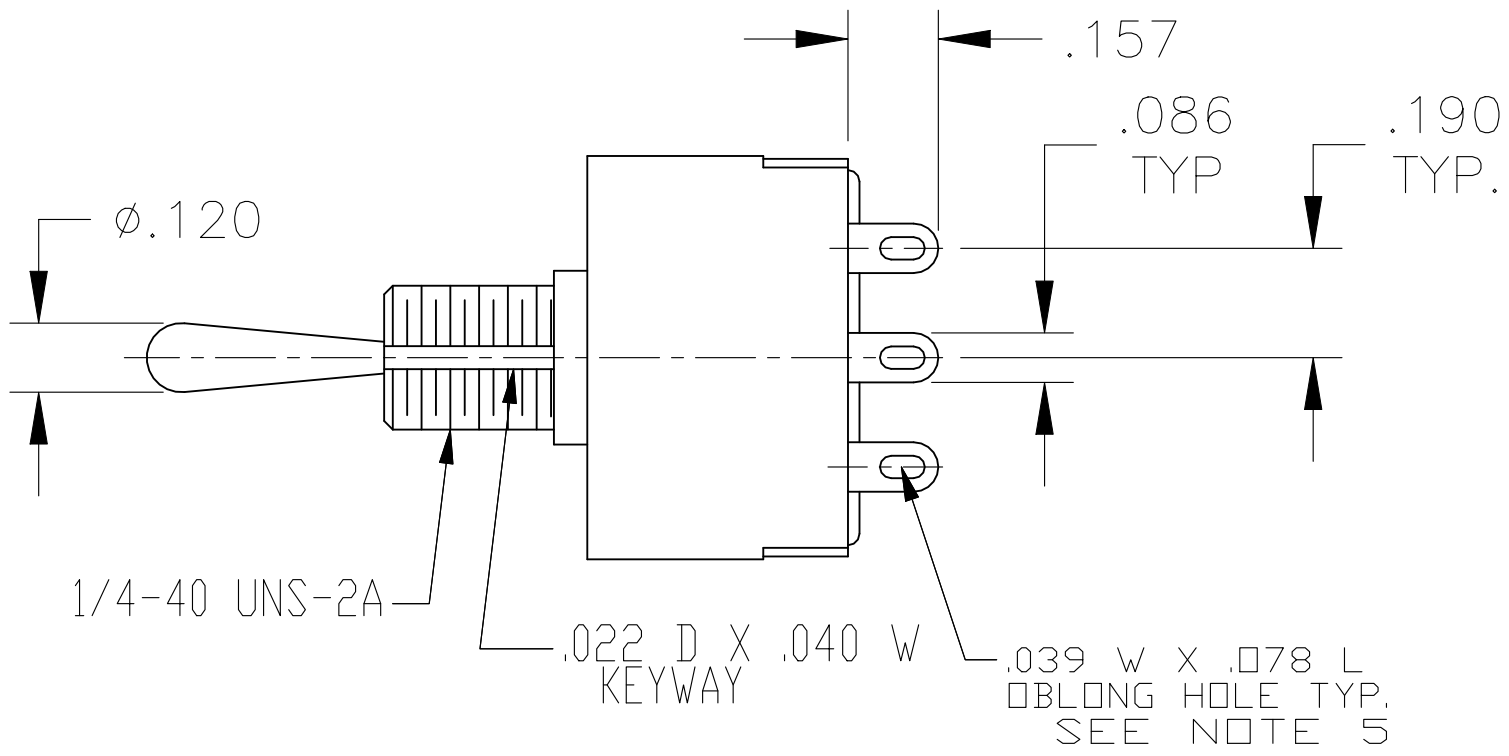
COUNTRY OF ORIGIN
STAMPED HERE
EXISTING
SWITCHES ONLY



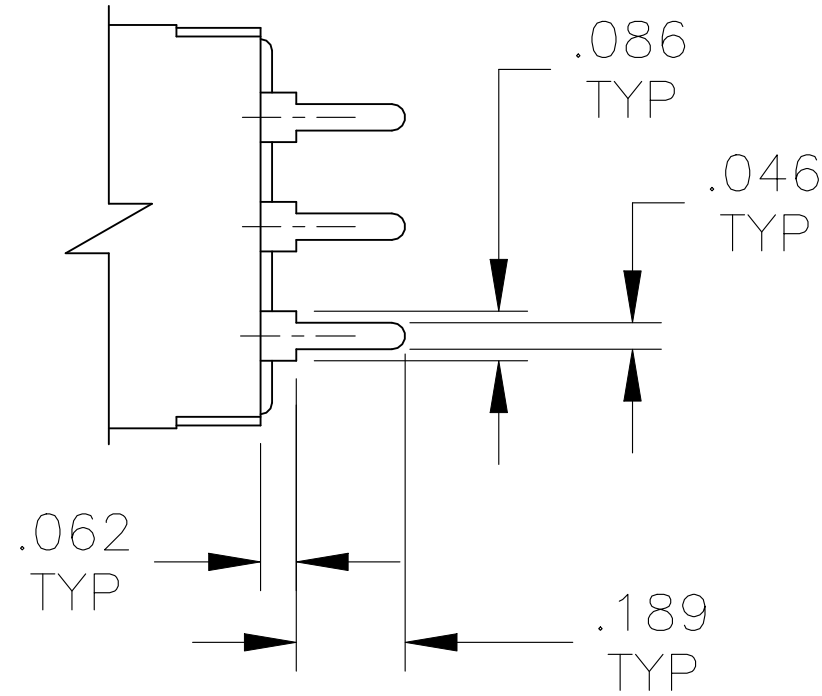
MTA-306



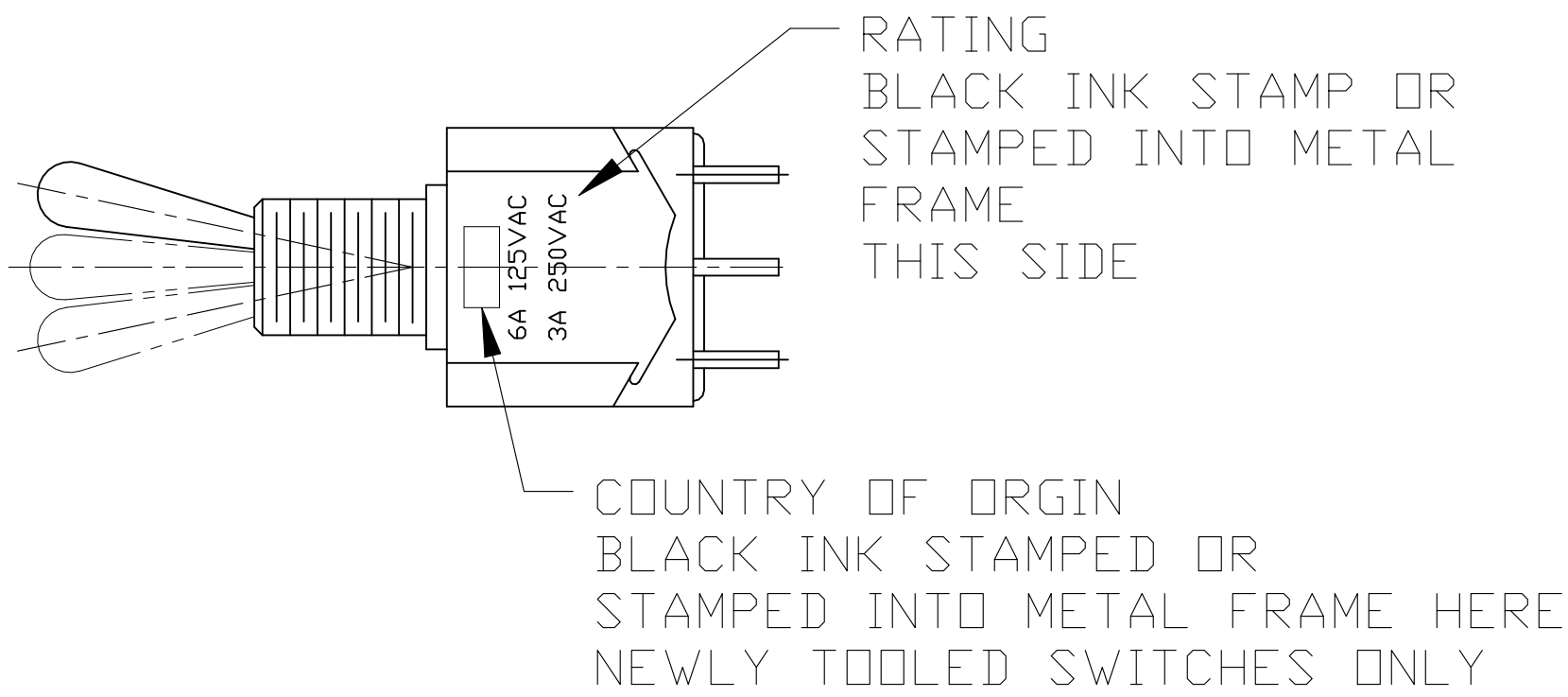
MTA-406



WIRE LUG TERMINAL



PC TERMINAL



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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. ZITTO 29DEC03	NAME	TOGGLE SWITCH, MTA SERIES VERTICAL MOUNT
	0. PLC ± — 1. PLC ± — 2. PLC ± — 3. PLC ± .005 4. PLC ± — ANGLES ± — ± —	APPLICATION SPEC	SIZE	CAGE CODE
	MATERIAL —	WEIGHT —	DRAWING NO	RESTRICTED TO
CUSTOMER DRAWING		SCALE 1:1	SHEET 3 OF 3	REV E5

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