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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
E5	REVISED	PER ECO-21-006541	11JUN2021	RK	AS

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

Part Number	Alco Model	Poles	Throws	Function	Terminal				Comments
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	

RECOMMENDED PANEL LAYOUT

TO PREVENT ROTATION

TO PREVENT ROTATION

1 POLE

2 POLES

3 POLES

4 POLES

.170±.002 TYP

.190±.002 TYP

φ.076 TYP

φ.072 TYP

PC BOARD LAYOUT

PC TERMINAL ONLY

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) 1/4-40 UNS-2B HEX NUTS

(1) INTERNAL TOOTH LOCKWASHER

(1) LOCATING RING

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

MATERIAL: -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES ± -

FINISH: -

DWN: M. BINNER 29DEC03

CHK: M. ZITTO 29DEC03

APVD: M. ZITTO 29DEC03

PRODUCT SPEC: -

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER DRAWING

NAME: TOGGLE SWITCH, MTA SERIES VERTICAL MOUNT -

SIZE: A1

CAGE CODE: 00779

DRAWING NO: 1-1437558-0

RESTRICTED TO: -

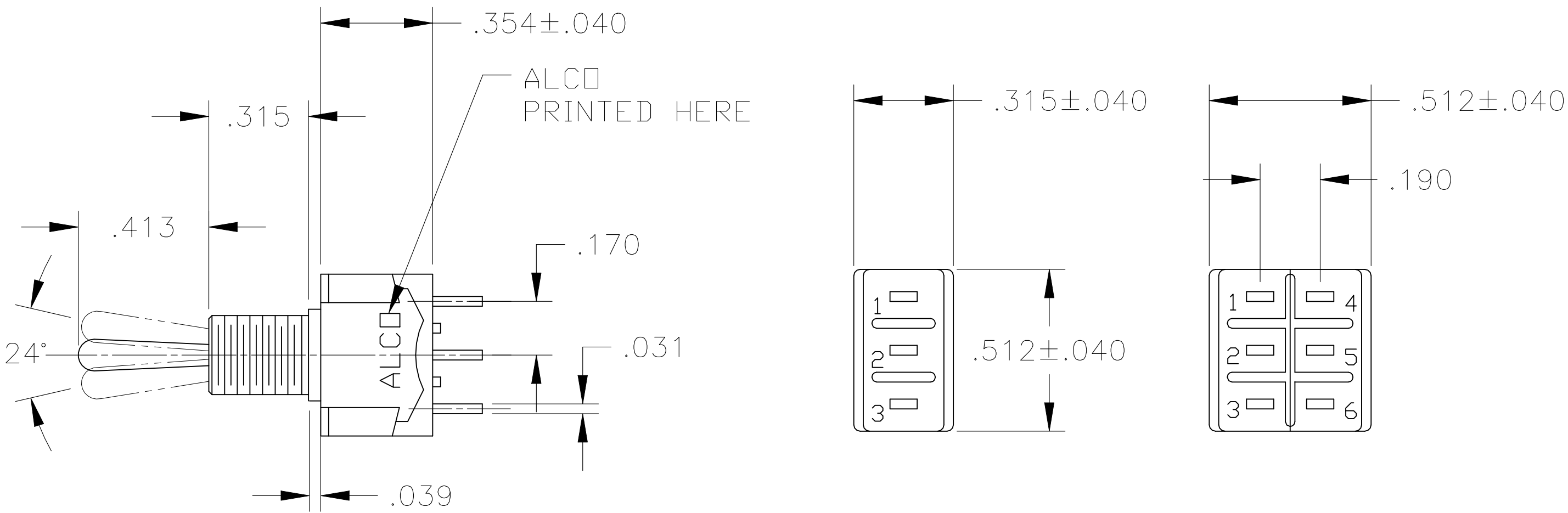
SCALE: 2:1

SHEET: 1 OF 3

REV: E5

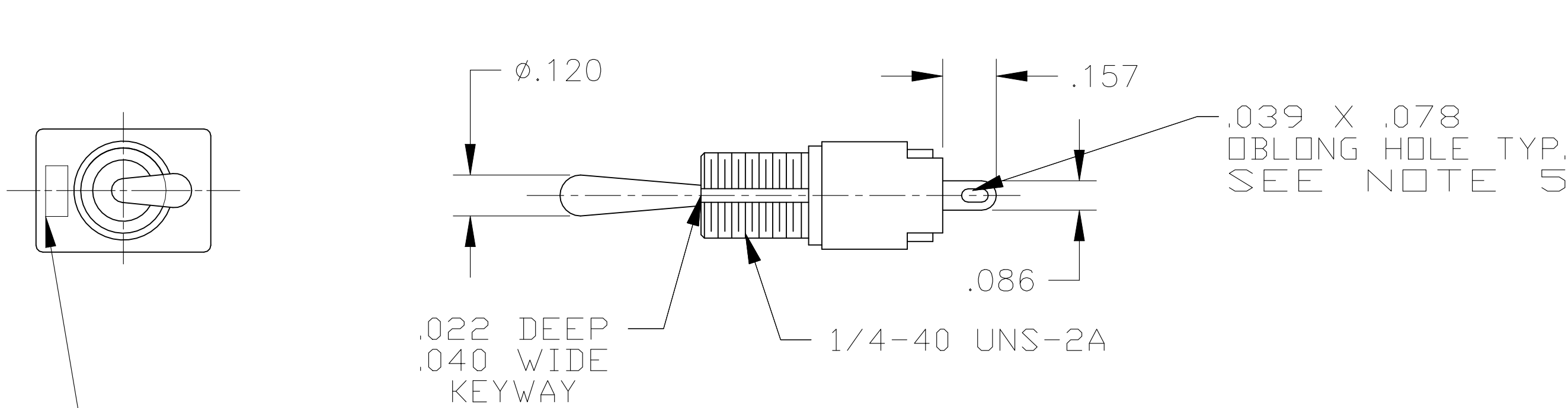
TE Connectivity Ltd.

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

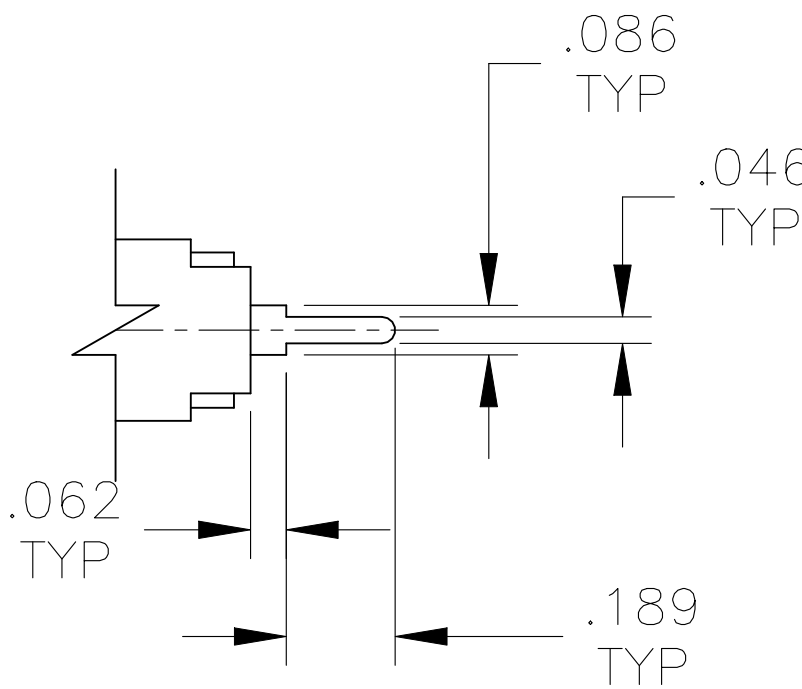


MTA-106

MTA-206

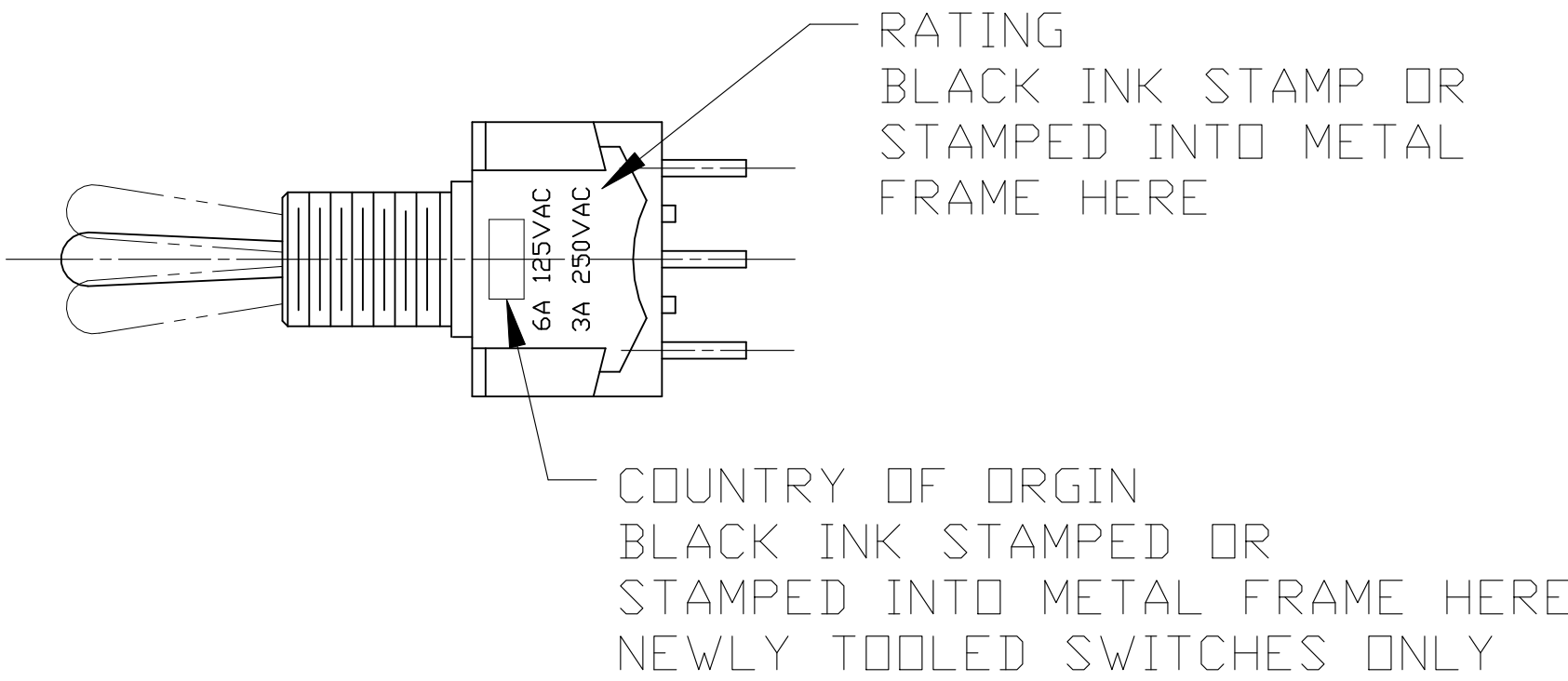


WIRE LUG TERMINAL



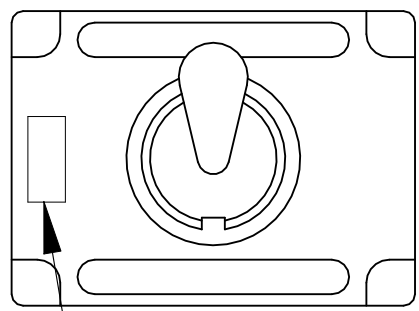
PC TERMINAL

COUNTRY OF ORIGIN
STAMPED HERE
EXISTING
SWITCHES ONLY

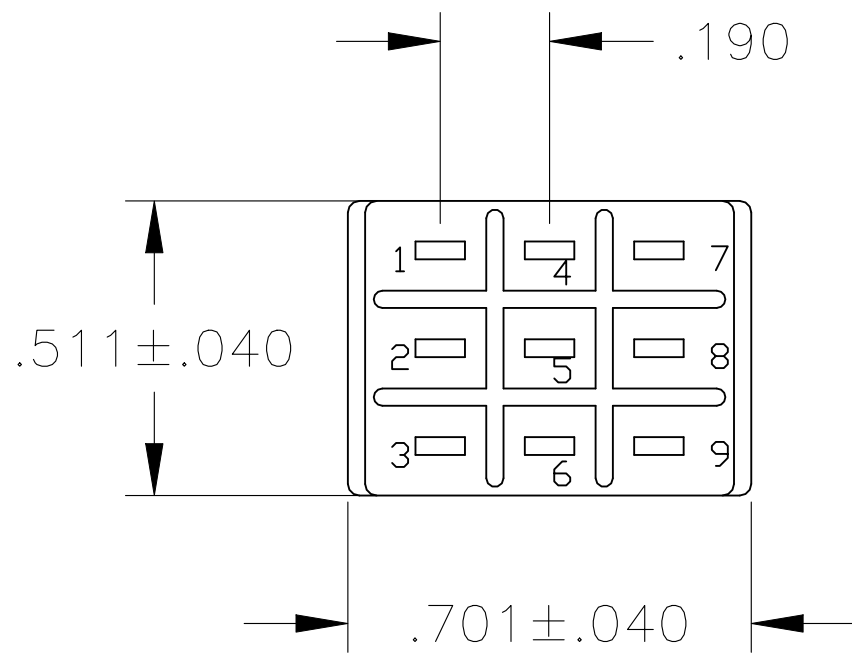
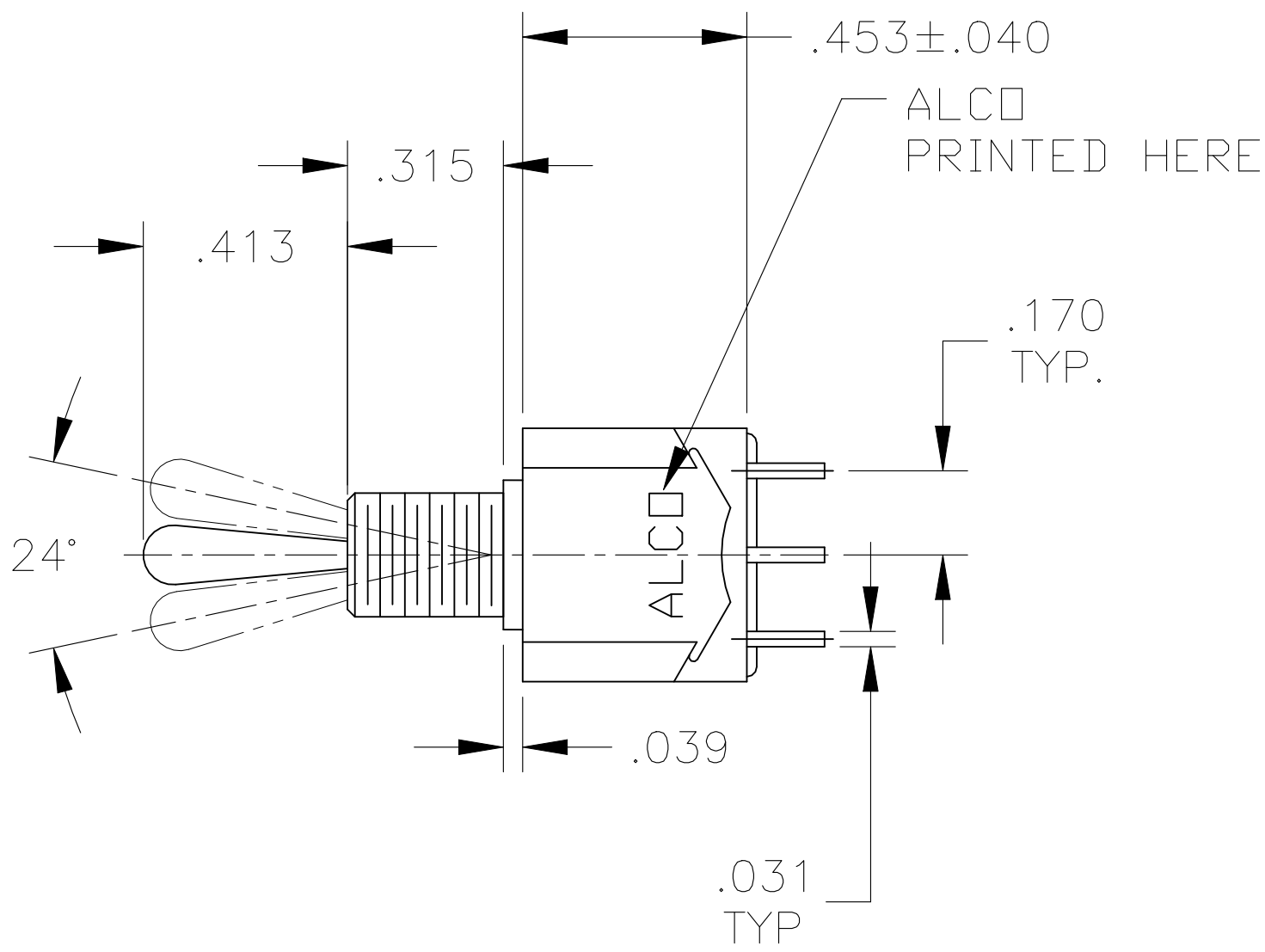


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER 29DEC03	TE Connectivity Ltd.	
		CHK M. ZITTO 29DEC03		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. ZITTO 29DEC03	NAME	TOGGLE SWITCH, MTA SERIES VERTICAL MOUNT
	0. PLC ± .005 1. PLC ± .005 2. PLC ± .005 3. PLC ± .005 4. PLC ± .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

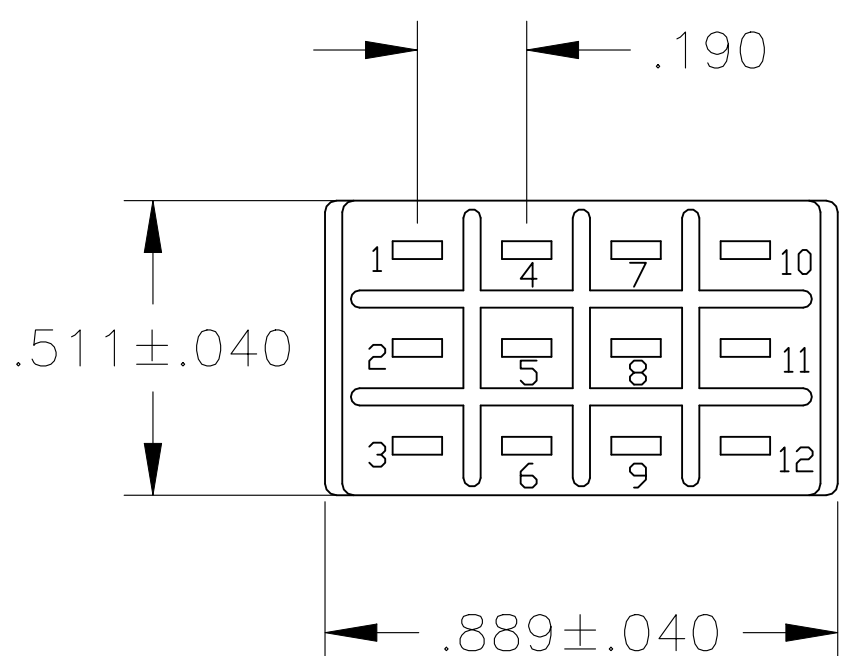
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—



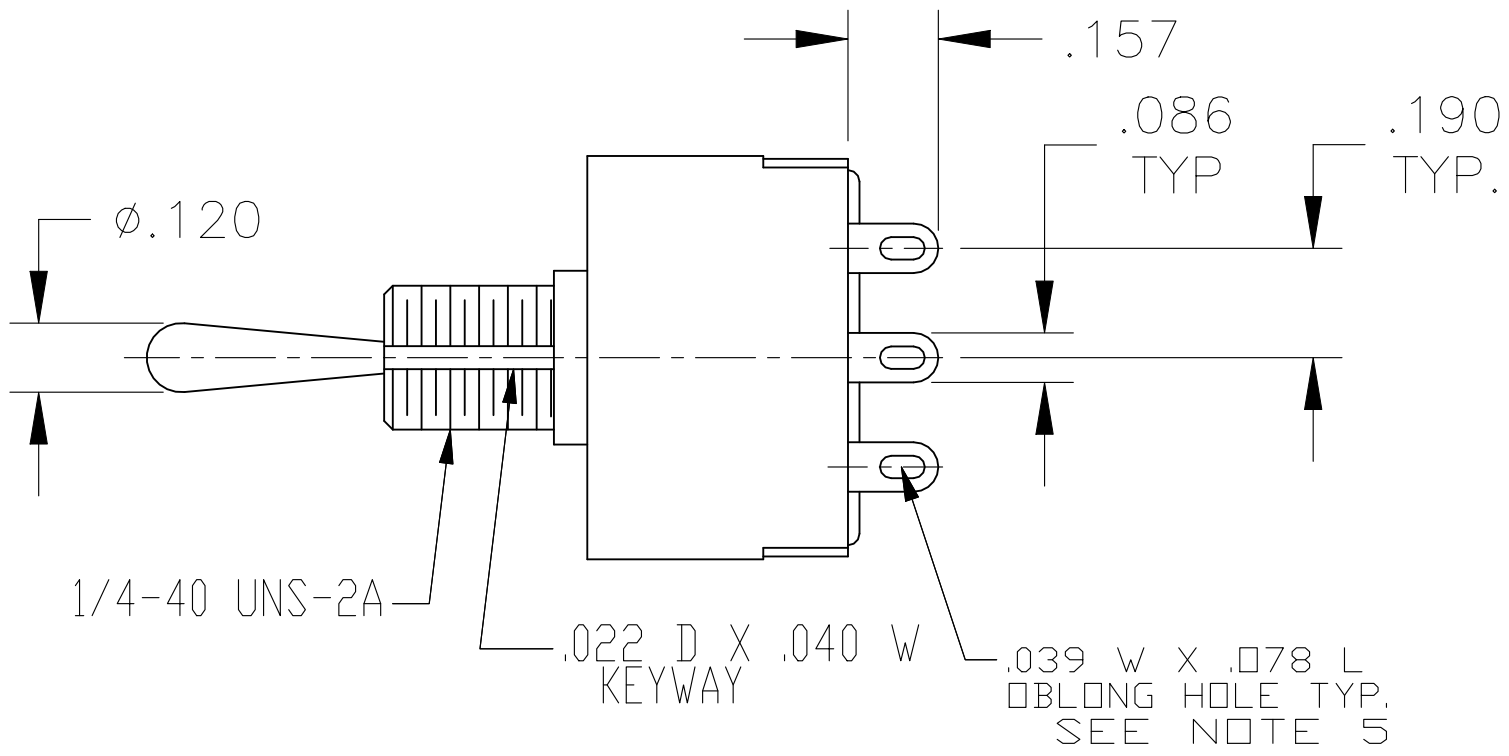
COUNTRY OF ORIGIN
STAMPED HERE
EXISTING
SWITCHES ONLY



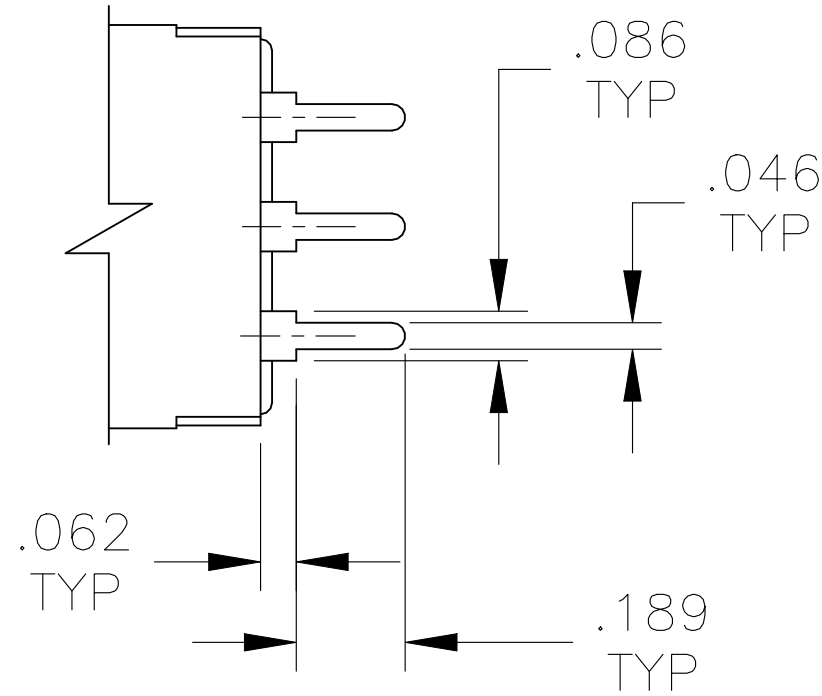
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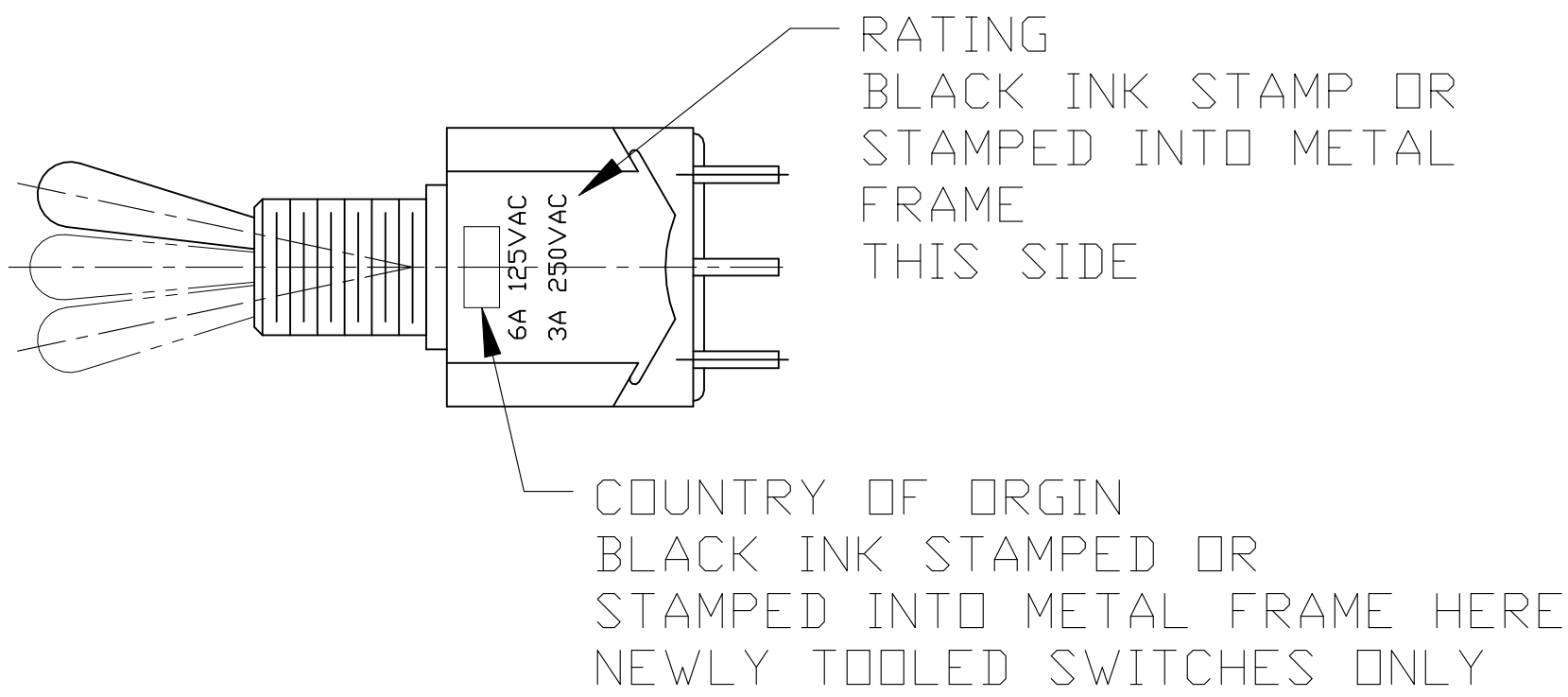
MTA-406



WIRE LUG TERMINAL



PC TERMINAL



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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 ± — 1. PLC ± — 2. PLC ± — 3. PLC ± .005 4. PLC ± — ANGLES ± — ± —	APPLICATION SPEC —	SIZE A1	CAGE CODE 00779
MATERIAL —	FINISH —	WEIGHT —	DRAWING NO. 1-1437558-0	RESTRICTED TO —
CUSTOMER DRAWING			SCALE 1:1	SHEET 3 OF 3
			REV E5	

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