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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

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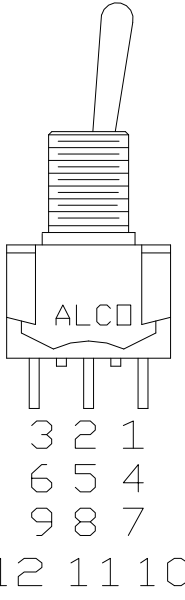
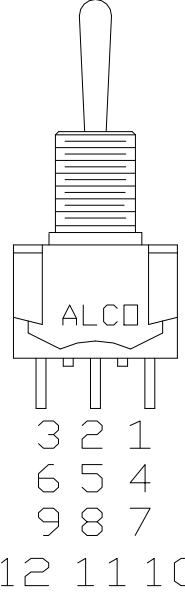
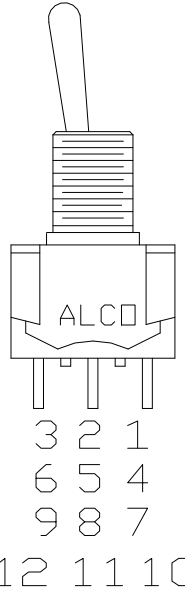
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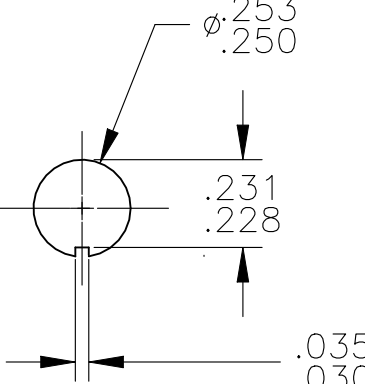
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NOT TO SCALE

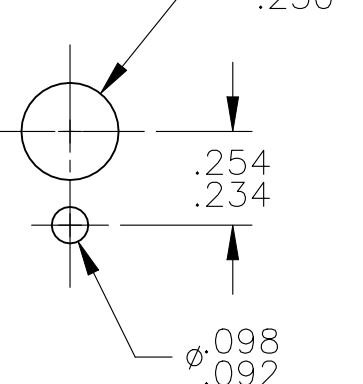
Part Number	Alco Model	Poles	Throws	Function	Terminal				Comments
4-1437558-8	MTA406PPC	4	2	ON OFF ON	PC	2-3, 5-6, 8-9, 11-12	Off	2-1, 5-4, 8-7, 11-10	
4-1437558-7	MTA406PAPC	2	3	ON ON ON	PC	5-6, 11-12	5-3, 11-9	5-1, 11-7	note 7
4-1437558-6	MTA406PA	2	3	ON ON ON	Wire lug	5-6, 11-12	5-3, 11-9	5-1, 11-7	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

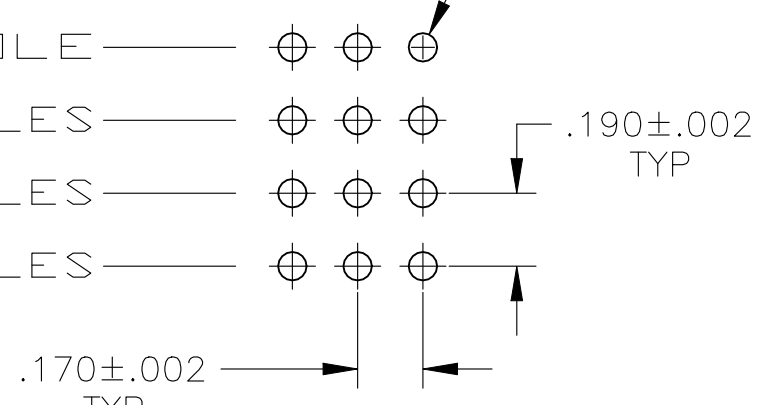


1 POLE

2 POLES

3 POLES

4 POLES



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.

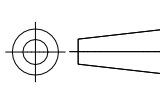
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OBSOLETE

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

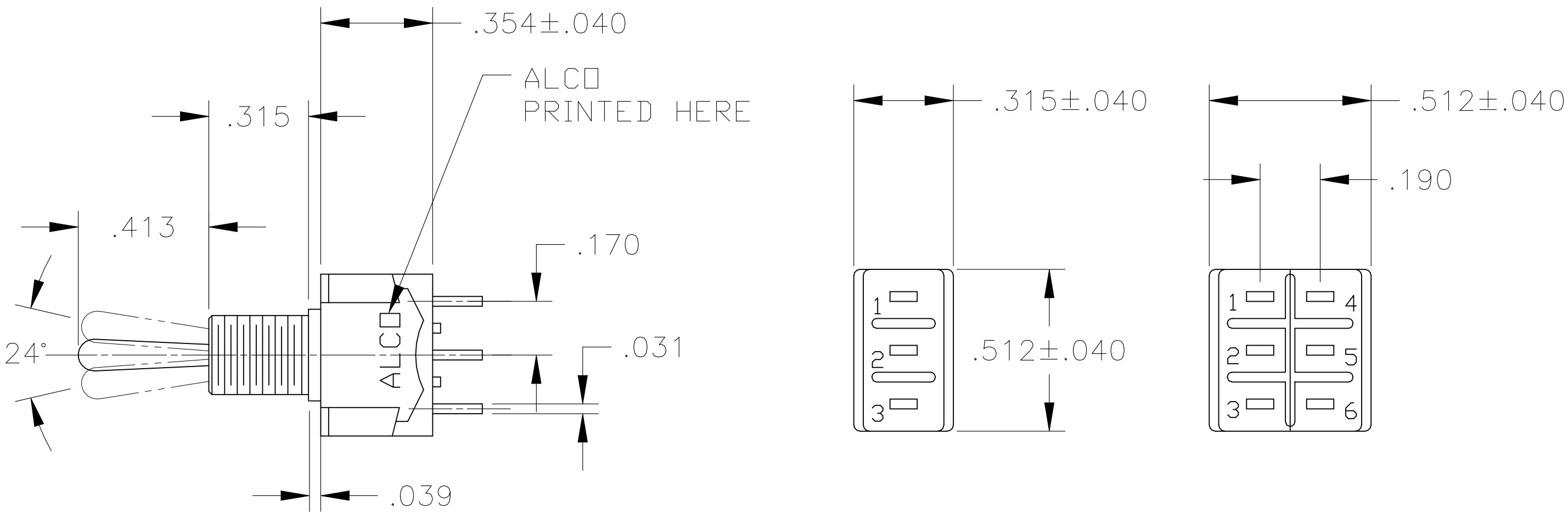
SHEET: 1 OF 3

REV: E5

TE Connectivity Ltd.

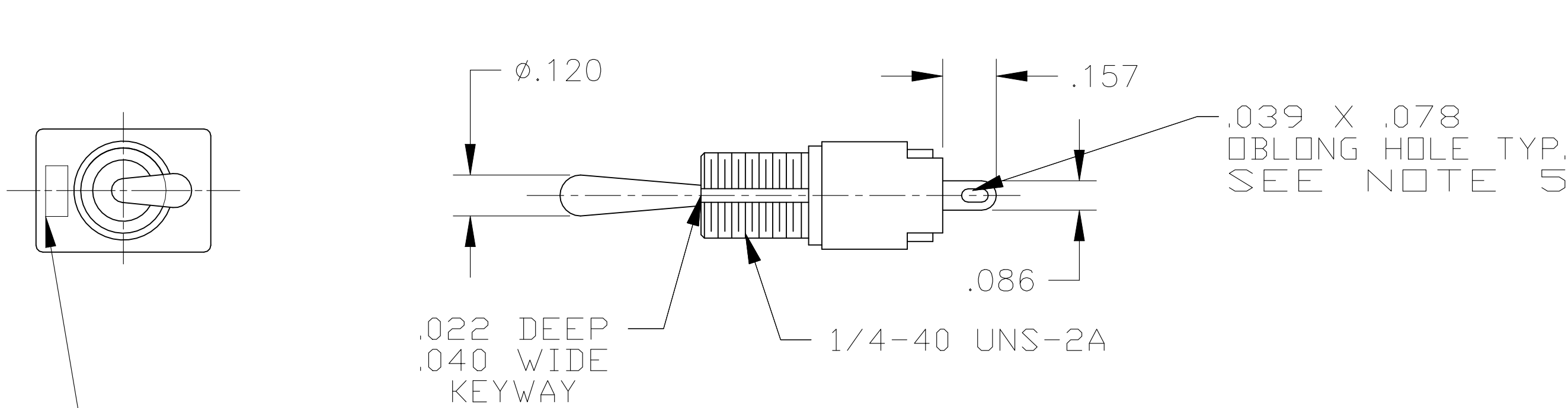
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

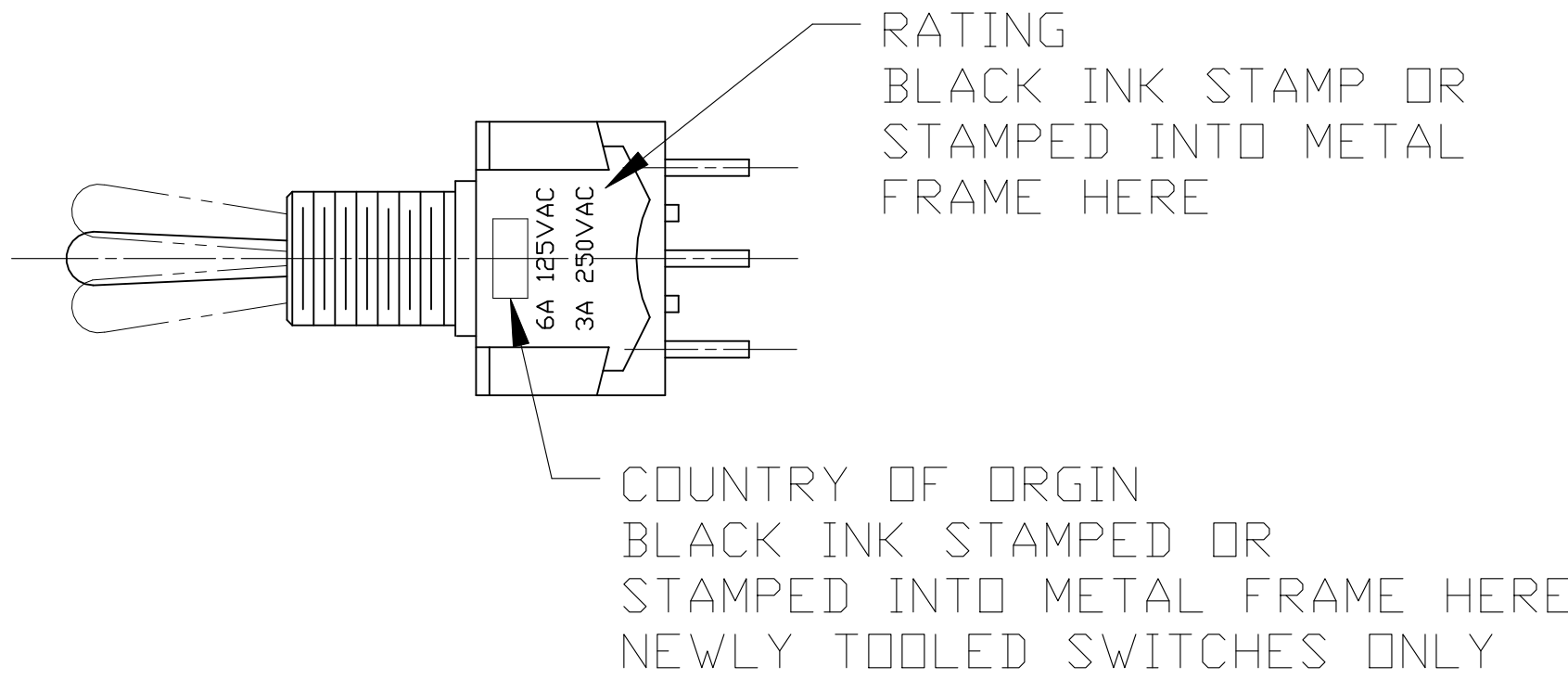


MTA-106

MTA-206



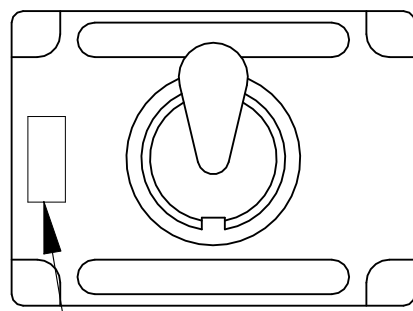
WIRE LUG TERMINAL



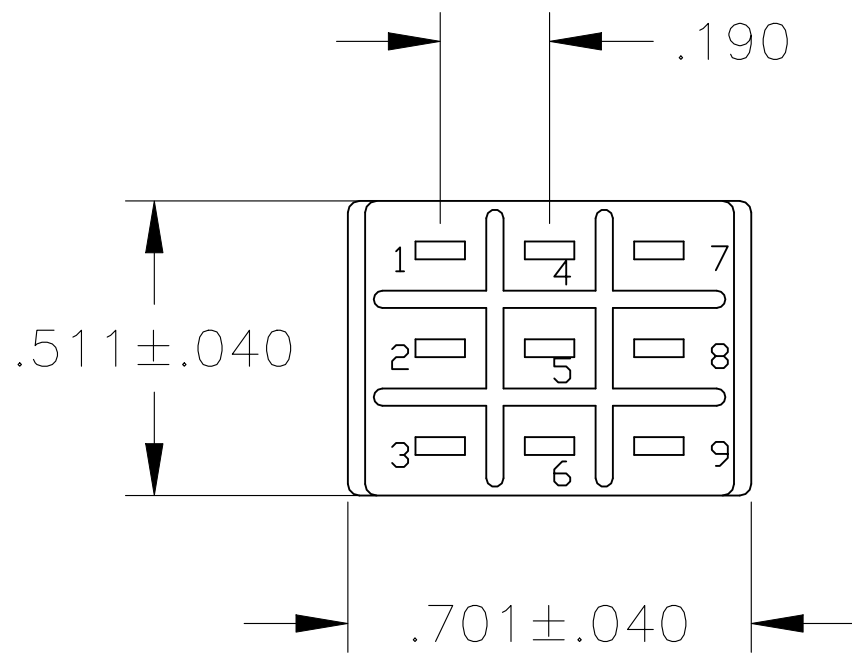
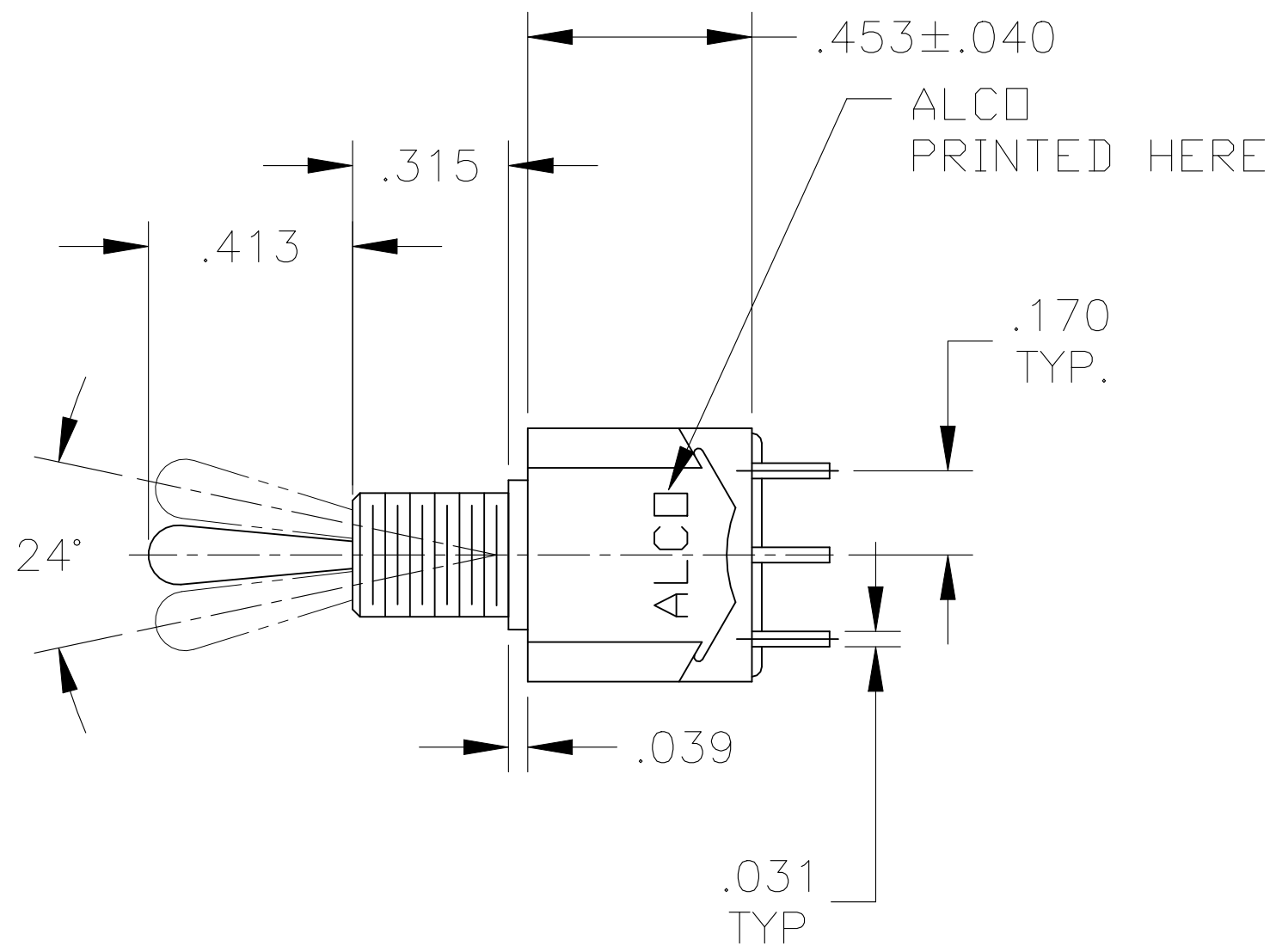
PC TERMINAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 29DEC03	 TE Connectivity Ltd.	
DIMENSIONS: INCHES		CHK M.ZITTO 29DEC03		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.ZITTO 29DEC03	NAME	TOGGLE SWITCH, MTA SERIES VERTICAL MOUNT
	0 PLC ± .005	PRODUCT SPEC	SIZE	CAGE CODE
	1 PLC ± .005	APPLICATION SPEC	DRAWING NO	RESTRICTED TO
	2 PLC ± .005	WEIGHT	A1	00779
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE	1:1
-	-		SHEET	2 OF 3
			REV	E5

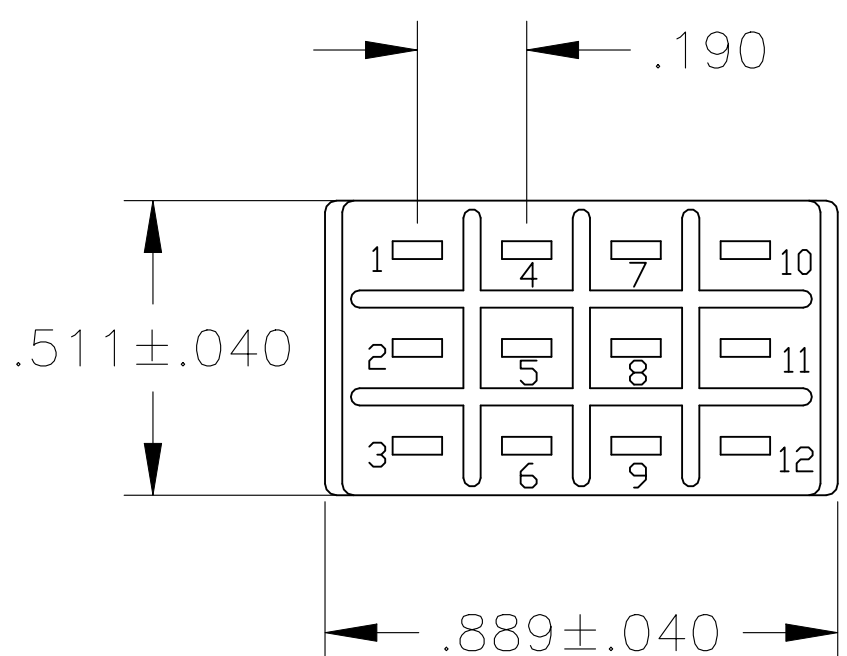
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—



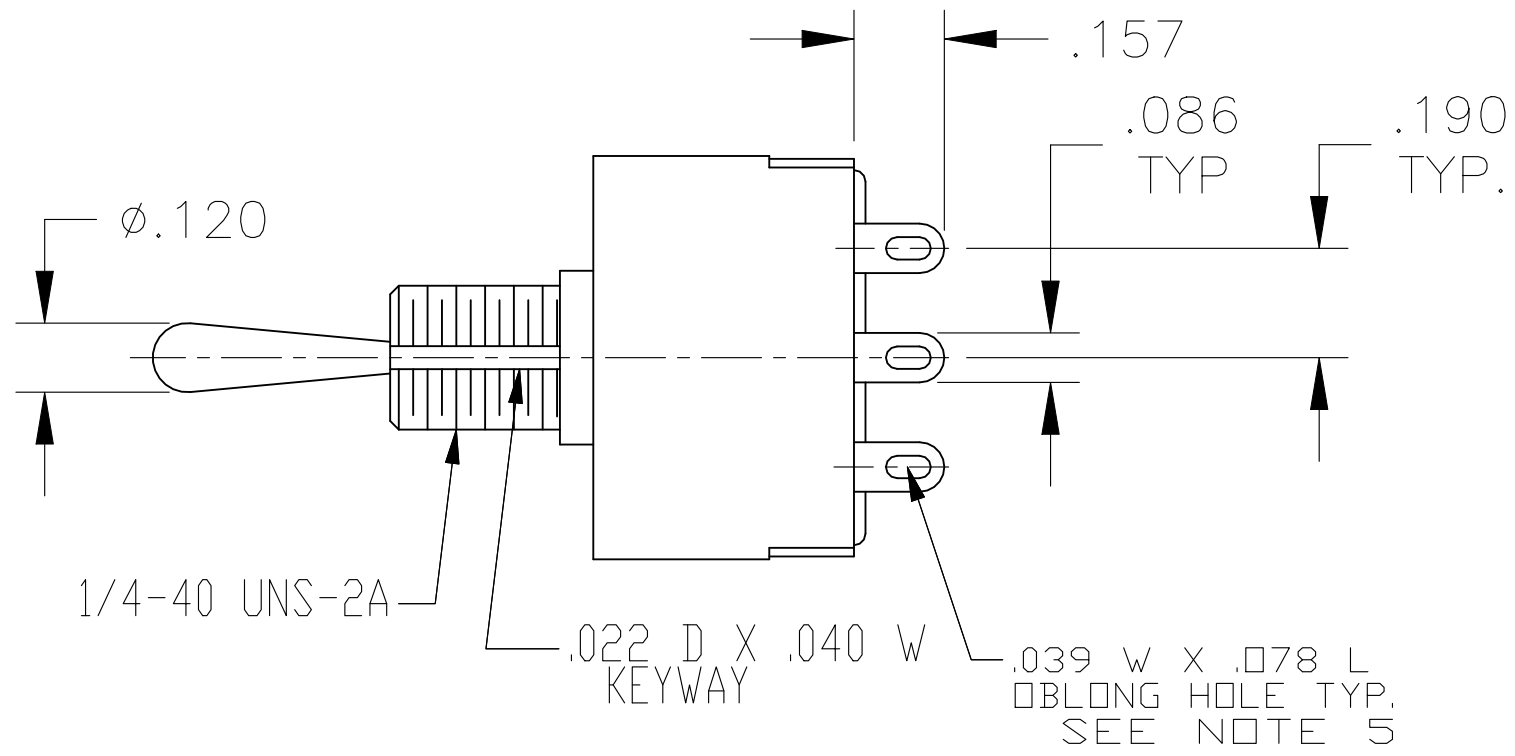
COUNTRY OF ORIGIN
STAMPED HERE
EXISTING
SWITCHES ONLY



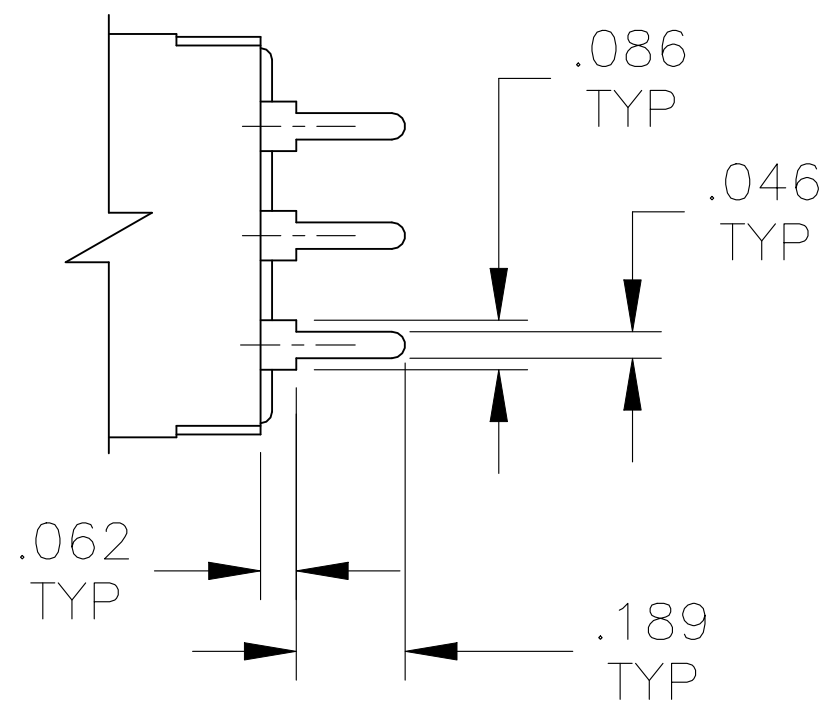
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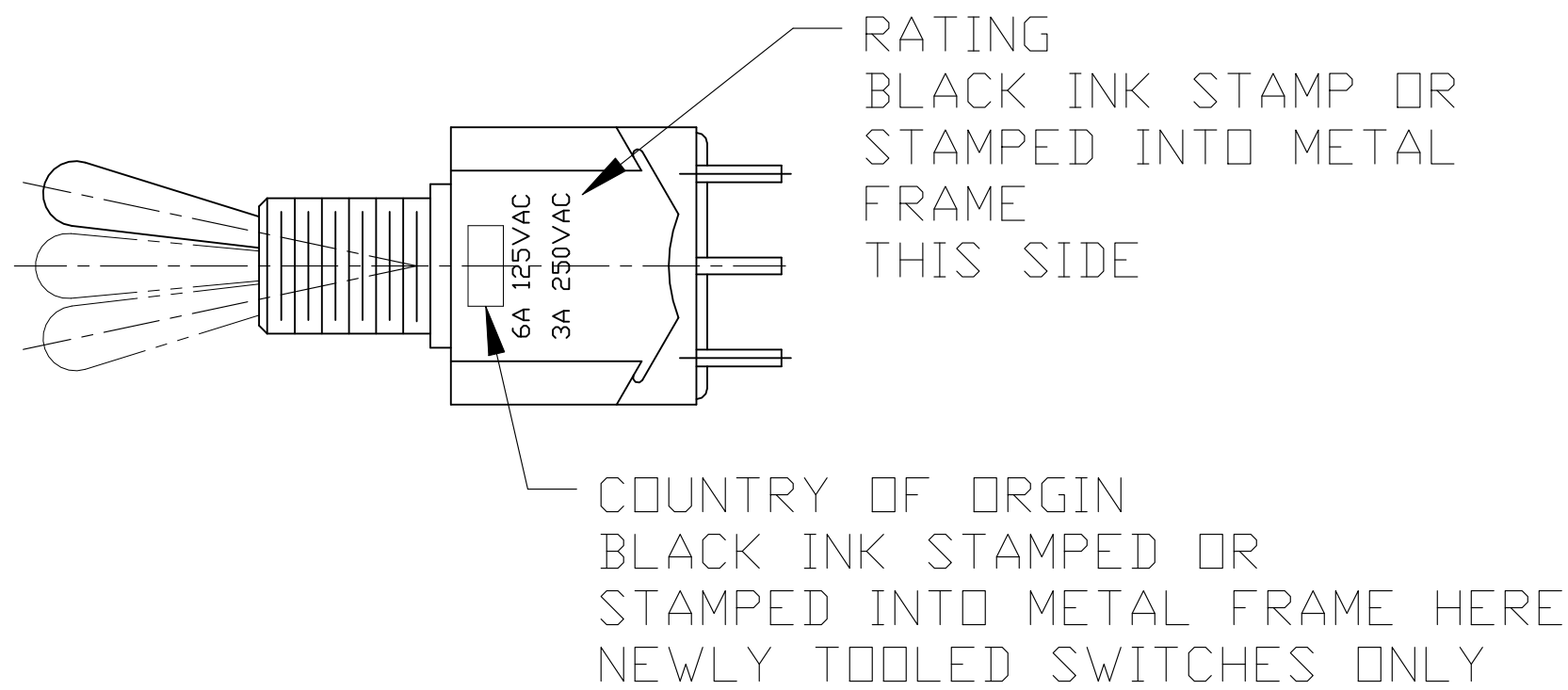
MTA-406



WIRE LUG TERMINAL



PC TERMINAL



RATING
BLACK INK STAMP OR
STAMPED INTO METAL
FRAME
THIS SIDE

COUNTRY OF ORIGIN
BLACK INK STAMPED OR
STAMPED INTO METAL FRAME HERE
NEWLY TOOLED 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 ± — 1. PLC ± — 2. PLC ± — 3. PLC ± .005 4. PLC ± — ANGLES ± — ± —	APPLICATION SPEC	SIZE	CAGE CODE
MATERIAL	FINISH	WEIGHT	DRAWING NO	RESTRICTED TO
—	—	—	A100779	—
CUSTOMER DRAWING		SCALE	SHEET	REV
		1:1	3 OF 3	E5

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