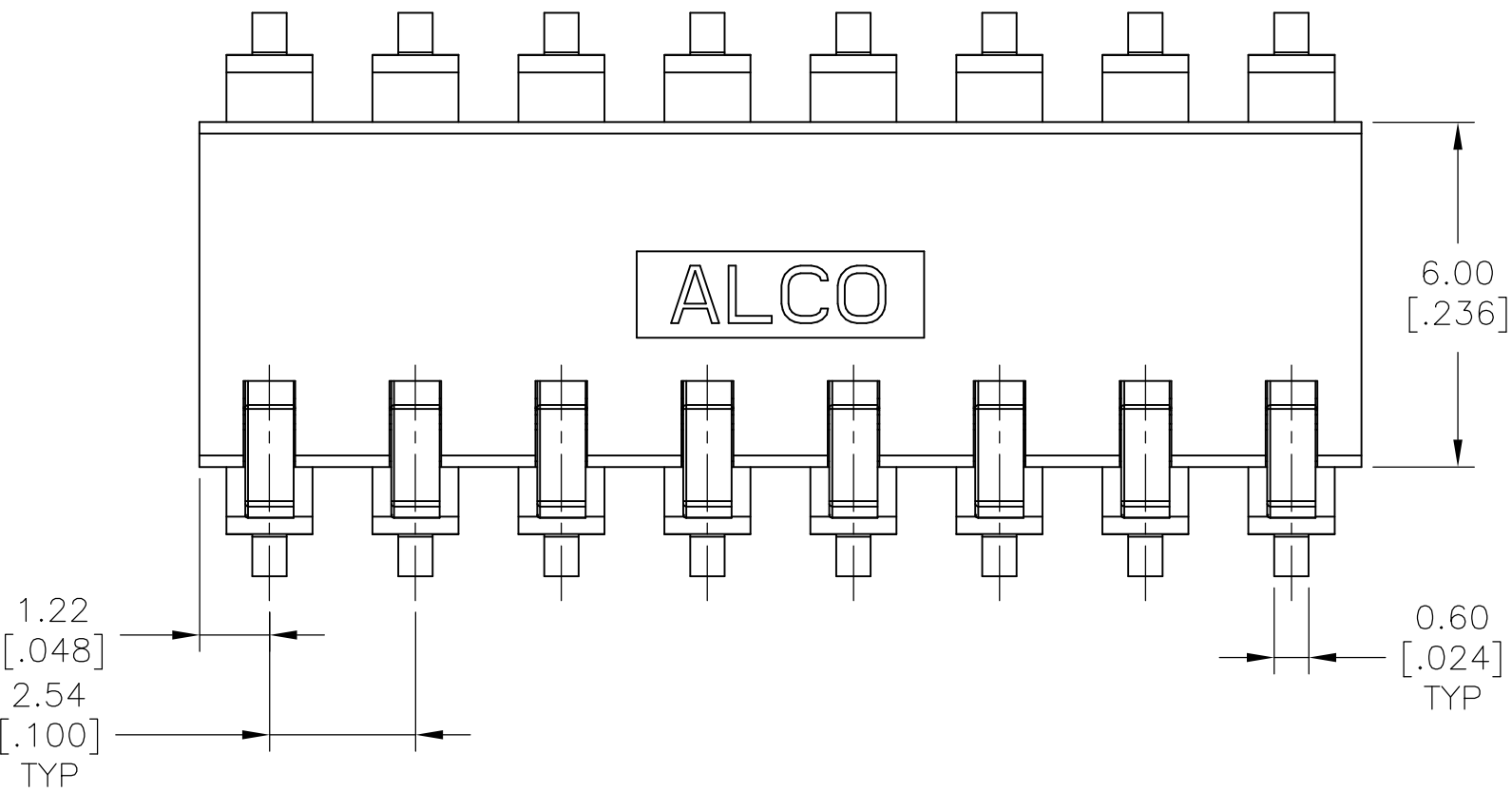
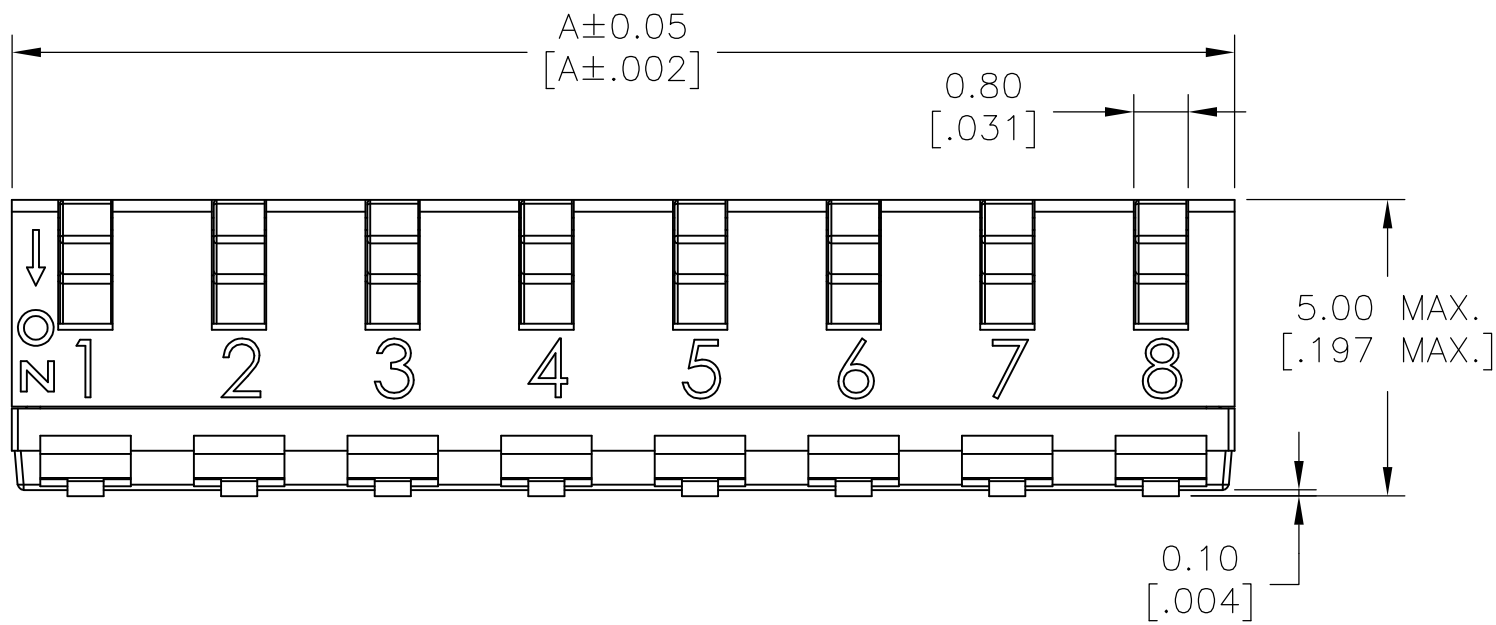


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	29MAY2017	SK	AS

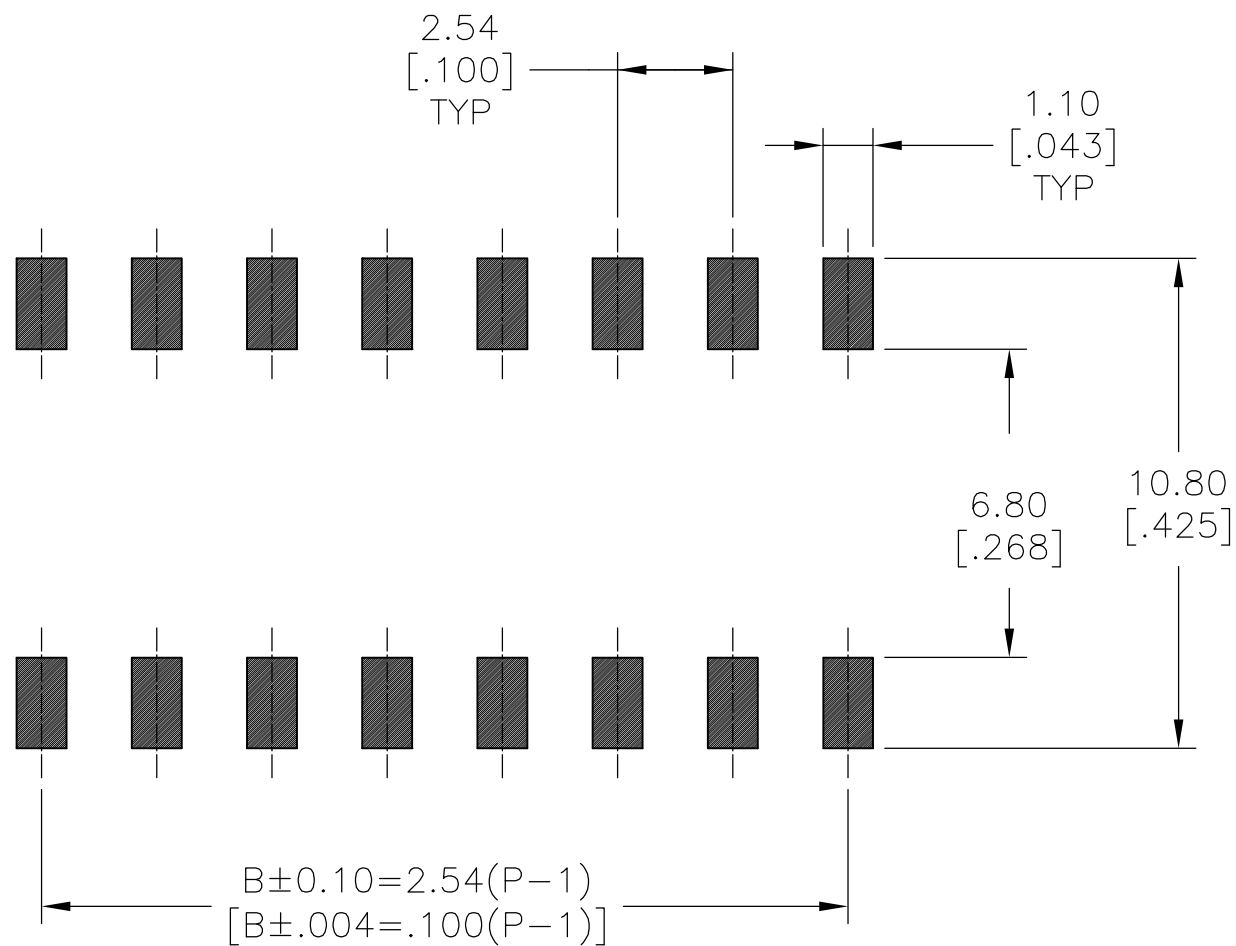
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C

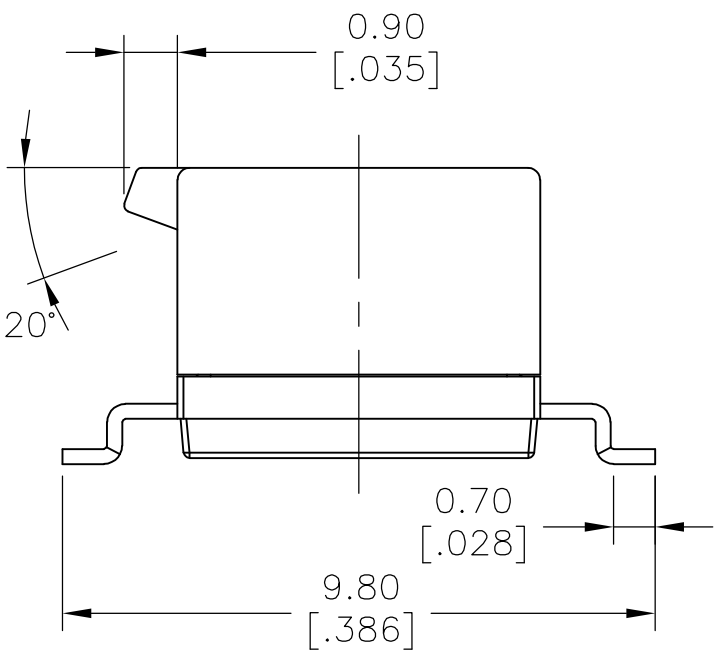
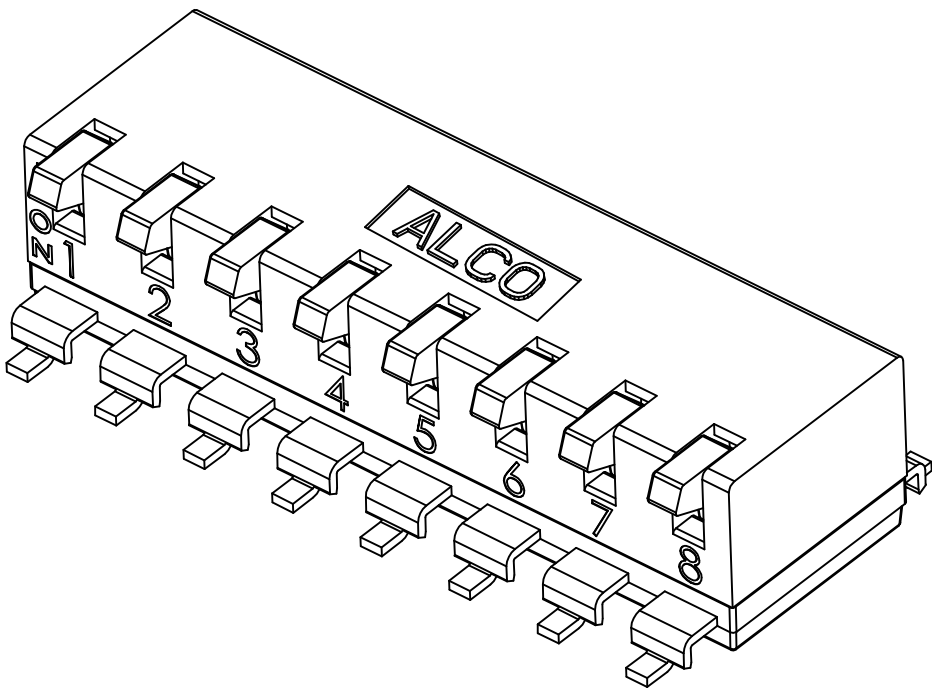


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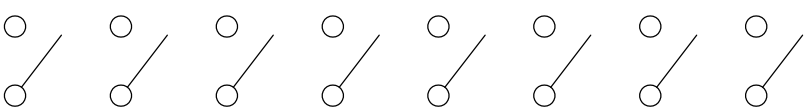


A

LONG ACTUATOR
PUSH DOWN ON



SCHEMATIC(TYP.)



(2, 4, 6, 8, 10 POS AVAIL)

CIRCUIT DIAGRAM

EDSP SG 04

POSITIONS:
02,04,06,08,10

SMT:GULL WING

ACTUATOR:
L=LONG
R=SHORT

ROHS COMPLIANT

PACKAGING:
TU=TUBE
TR=TAPE AND REEL

SEAL:
N=NONE
S=TOP SEAL

ACTUATION:
N=PUSH DOWN ON
F=PUSH UP ON

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHIVAKUMAR S S	12MAY2017	TE Connectivity	
DIMENSIONS: mm[INCHES]		CHK ALEXANDER SHARPE	12MAY2017		
		APVD ALEXANDER SHARPE	12MAY2017	NAME PIANO DIP SWITCH END STACKABLE	
		PRODUCT SPEC		SIZE A2	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		CAGE CODE 00779	
MATERIAL		WEIGHT		DRAWING NO C=2319764	
FINISH		CUSTOMER DRAWING		RESTRICTED TO	
		SCALE 1:1		SHEET 1 OF 4	
				REV A	

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

D

C

B

A

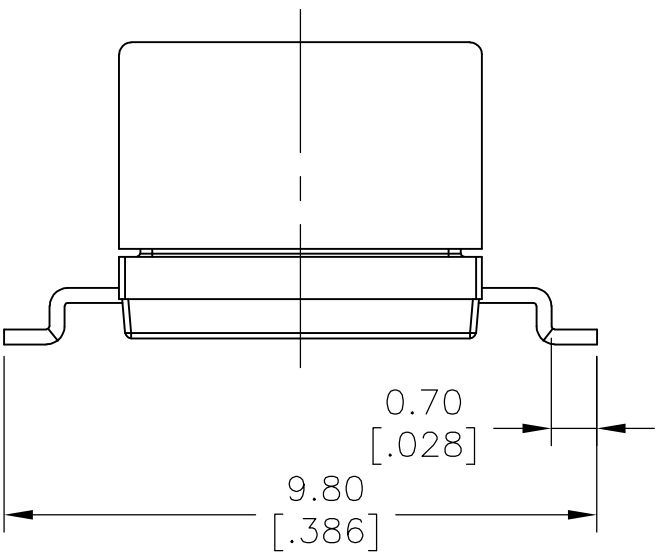
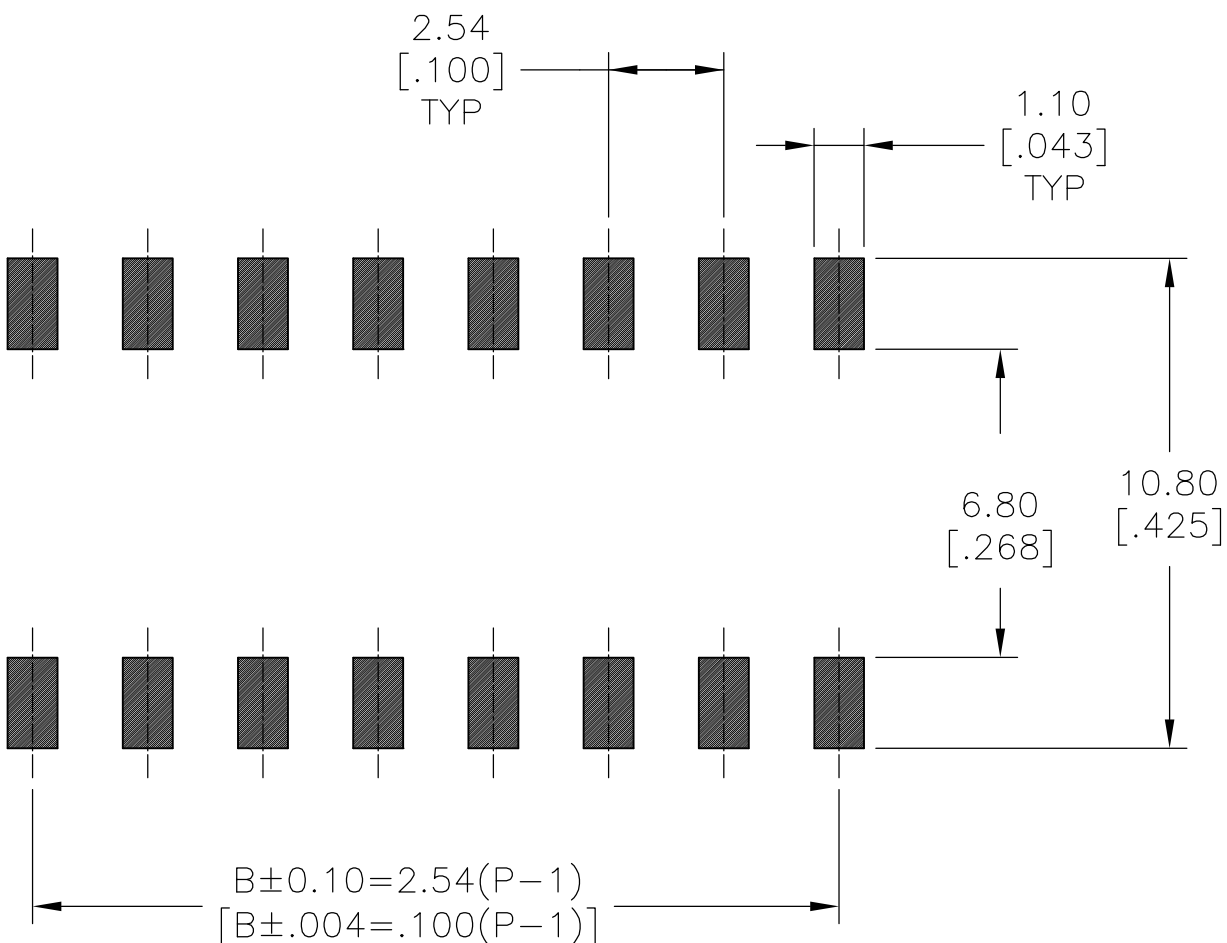
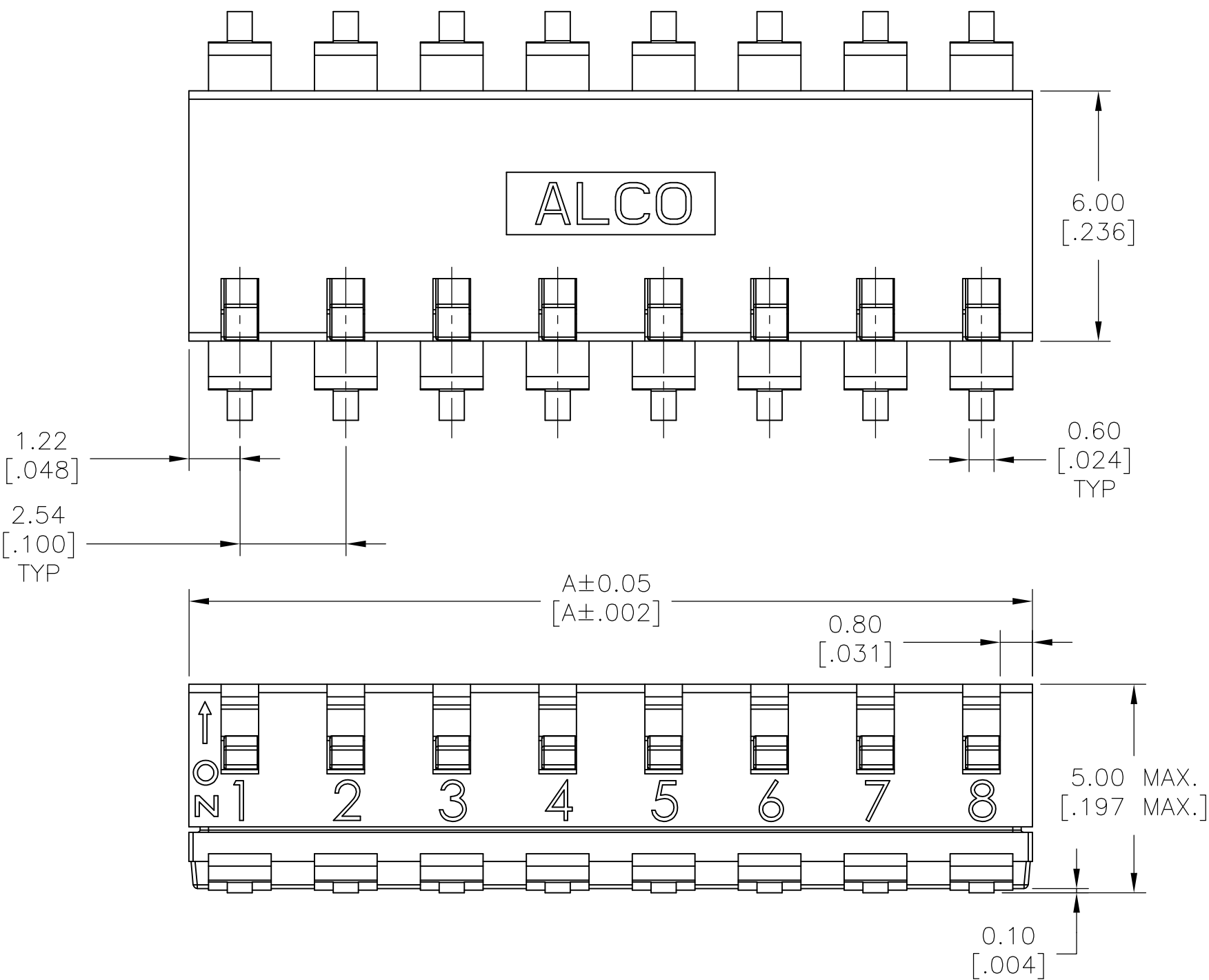
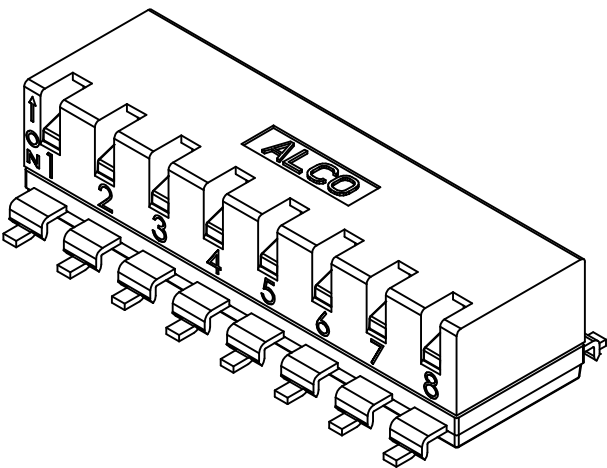
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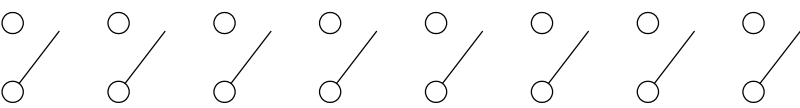
B

A

SHORT ACTUATOR
PUSH UP ON



SCHEMATIC(TYP.)



(2, 4, 6, 8, 10 POS AVAIL)

CIRCUIT DIAGRAM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHIVAKUMAR S S 12MAY2017	TE Connectivity			
DIMENSIONS: mm[INCHES]		CHK ALEXANDER SHARPE 12MAY2017				
		APVD ALEXANDER SHARPE 12MAY2017	NAME PIANO DIP SWITCH END STACKABLE			
		PRODUCT SPEC	-			
MATERIAL -		APPLICATION SPEC	-			
		WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C=2319764	RESTRICTED TO -
FINISH -		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 of 4	REV A	

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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REVISIONS

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

SOLDERING CONDITIONS:

THE CONDITIONS MENTIONED BELOW IS THE TEMPERATURE ON THE CU FOIL OF THE P.C.B SURFACE. DO NOT ALLOW THE SWITCH’S SURFACE TEMPERATURE TO EXCEED 260°C.

MANUAL SOLDERING

SOLDERING TEMPERATURE	MAX. 350°C.
CONTINUOUS SOLDERING TIME	MAX. 5 SECONDS.

REFLOW SOLDERING

HANDLING PRECAUTIONS

- CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE UPPER PART OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.
- DON’T CLEAN THE SWITCH BODY EXCEPT WITH TOP TAPE SEALED TYPE, WHICH CAN ONLY SPRAY OF CLEANING METHOD FROM TOP OF S/W.
- ENSURE FLUX DOES NOT RISE ABOVE THE TOP SURFACE OF THE PCB.

SPECIFICATIONS:

MATERIALS:

BASE: PA (HIGH-TEMP. NYLON) UL94V-O

COVER: PA (HIGH-TEMP. NYLON) UL94V-O

ACTUATOR: LCP UL94V-O

CONTACT: COPPER ALLOY, GOLD (in contact area) OVER NICKEL PLATE

TERMINAL: BRASS ALLOY, GOLD PLATE

TAPE:POLYAMIDE.

ELECTRICAL:

CONTACT RATING: NON-SWITCHING 100mA @ 50 VDC.

SWITCHING: 25mA @ 24 VDC.

INITIAL CONTACT RESISTANCE: 100mΩ MAX. @ 2 VDC. 10mA.

INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 500 VDC, 1 MINUTE +/- 5 SECONDS.

DIELECTRIC STRENGTH: 100 VAC (50 OR 60 HZ), 1 MINUTE.

DURABILITY: 2,000 CYCLES.

CAPACITANCE: 5 pF MAX @ 1 MHz +/- 10 KHz.

MECHANICAL:

OPERATING FORCE: 800gf MAX.

ENVIRONMENTAL:

OPERATING TEMPERATURE: -20°C TO +85°C.

STORAGE TEMPERATURE: -40°C TO +85°C.

SOLDER HEAT RESISTANCE PER 109-201, CONDITION B.

SOLDERABILITY PER JIS C 0050 & JIS C 0053.

NOTES:

1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27 JAN 2003 (ROHS).

2 TUBE PACKAGING.

3 TAPE AND REEL PACKAGING.

YES	SHORT	UP ON	3	22.86	25.30	10	EDSP10SGRFSTR04	6-2319764-0
				[.900]	[.996]			
				17.78	20.22	08	EDSP08SGRFSTR04	5-2319764-9
				[.700]	[.796]			
		12.70		15.14	06	EDSP06SGRFSTR04	5-2319764-8	
		[.500]		[.596]				
		7.62		10.06	04	EDSP04SGRFSTR04	5-2319764-7	
		[.300]		[.396]				
DOWN ON	2.54	4.98	02	EDSP02SGRFSTR04	5-2319764-6			
	[.100]	[.196]						
	22.86	25.30	10	EDSP10SGRNSTR04	5-2319764-5			
	[.900]	[.996]						
	17.78	20.22	08	EDSP08SGRNSTR04	5-2319764-4			
	[.700]	[.796]						
	12.70	15.14	06	EDSP06SGRNSTR04	5-2319764-3			
	[.500]	[.596]						
TAPE	ACTUATOR TYPE	ACTUATION PUSH	NOTE	B	A	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	-
2 PLC	±	0.20[.008]
3 PLC	±	-
4 PLC	±	-
ANGLES	±	-

FINISH -

DWN 12MAY2017 SHIVAKUMAR S S

CHK 12MAY2017 ALEXANDER SHARPE

APVD 12MAY2017 ALEXANDER SHARPE

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

PIANO DIP SWITCH END STACKABLE

SIZE A2

CAGE CODE 00779

DRAWING NO. 2319764

RESTRICTED TO -

SCALE 1:1

SHEET 4 OF 4

REV A

1471-9 (1/15)

2319764

Mouser Electronics

Authorized Distributor

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