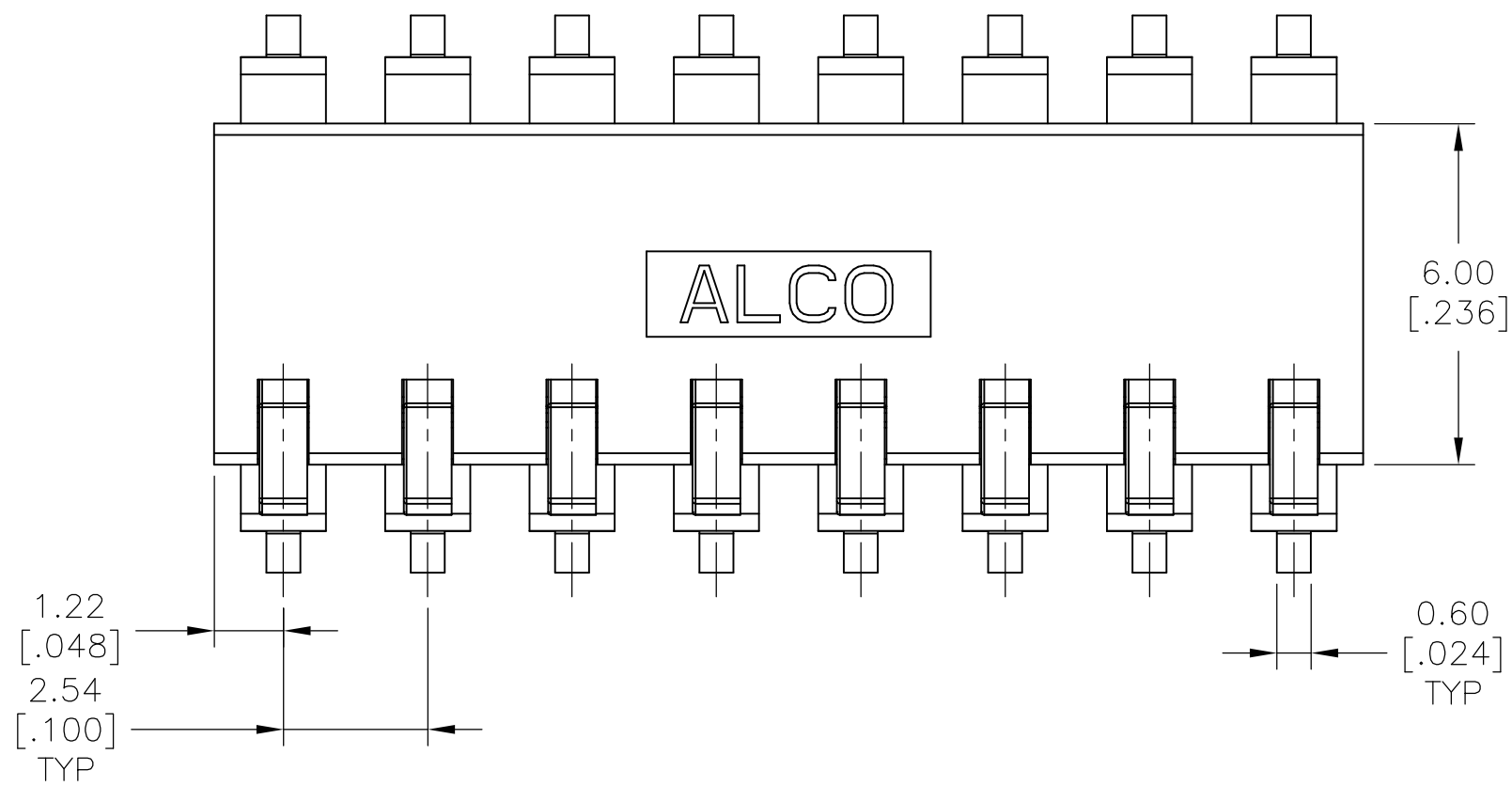
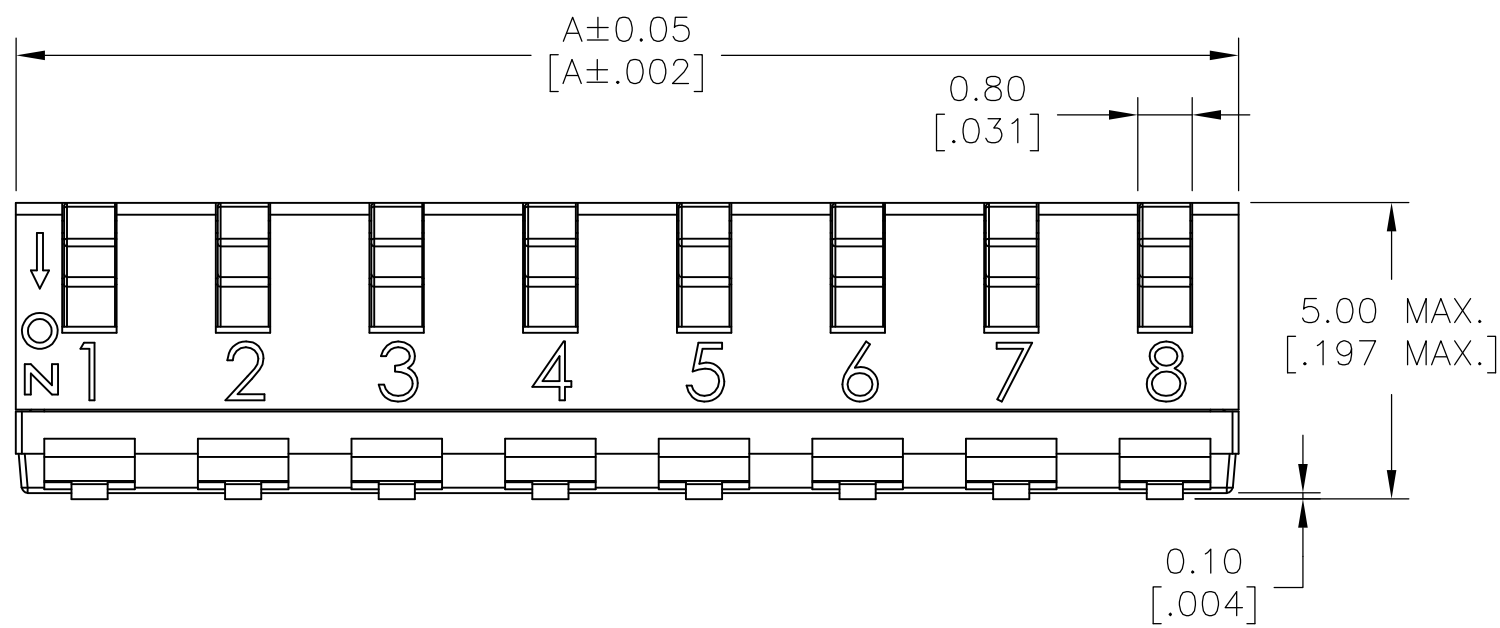


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	29MAY2017	SK	AS

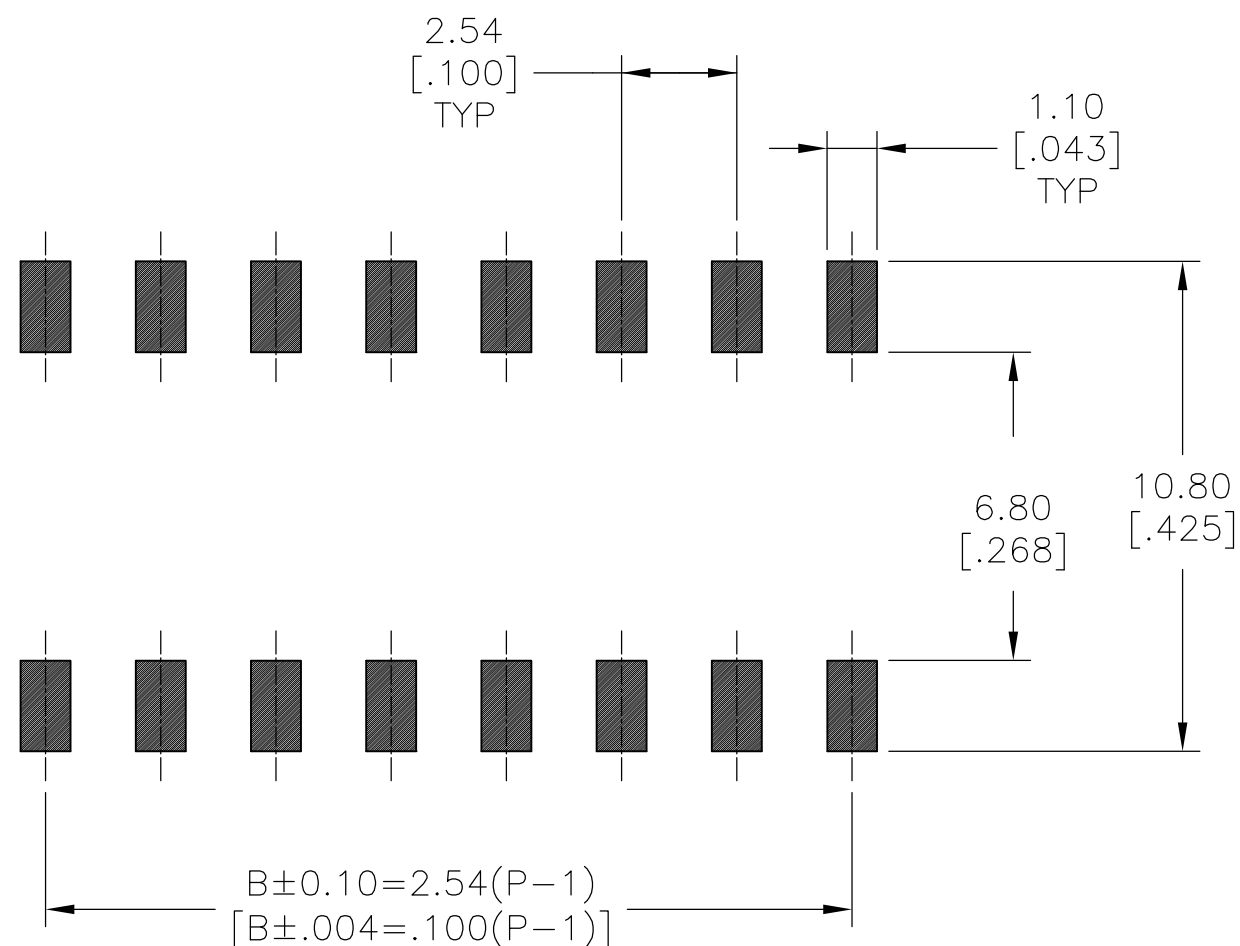
D



C



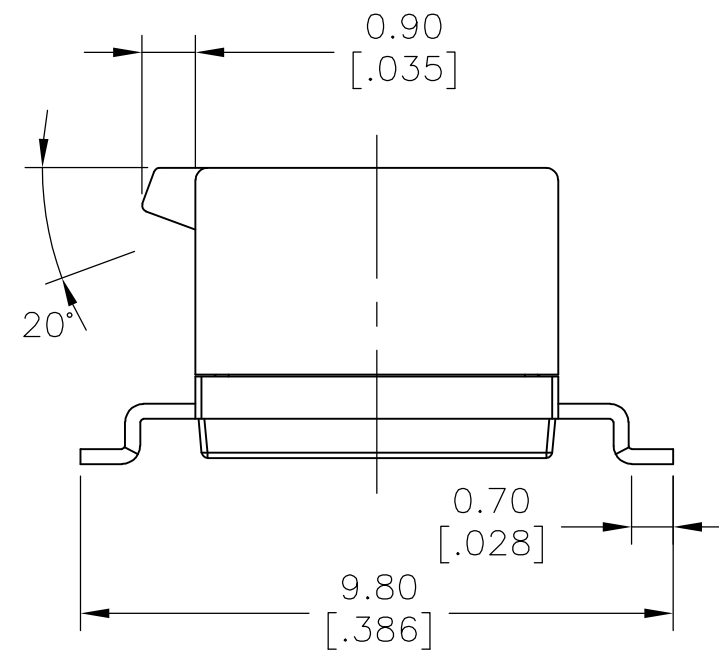
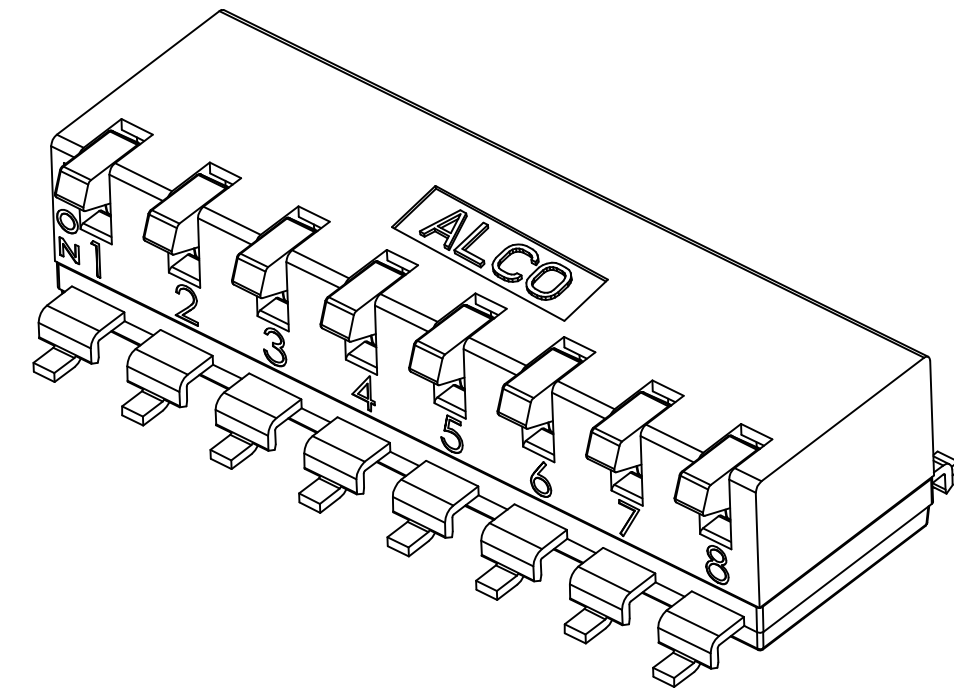
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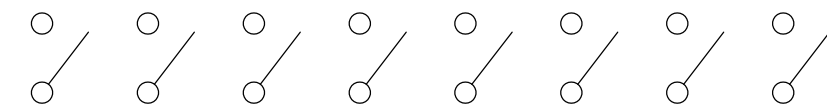
A

P.C.B. LAYOUT

LONG ACTUATOR
PUSH DOWN ON

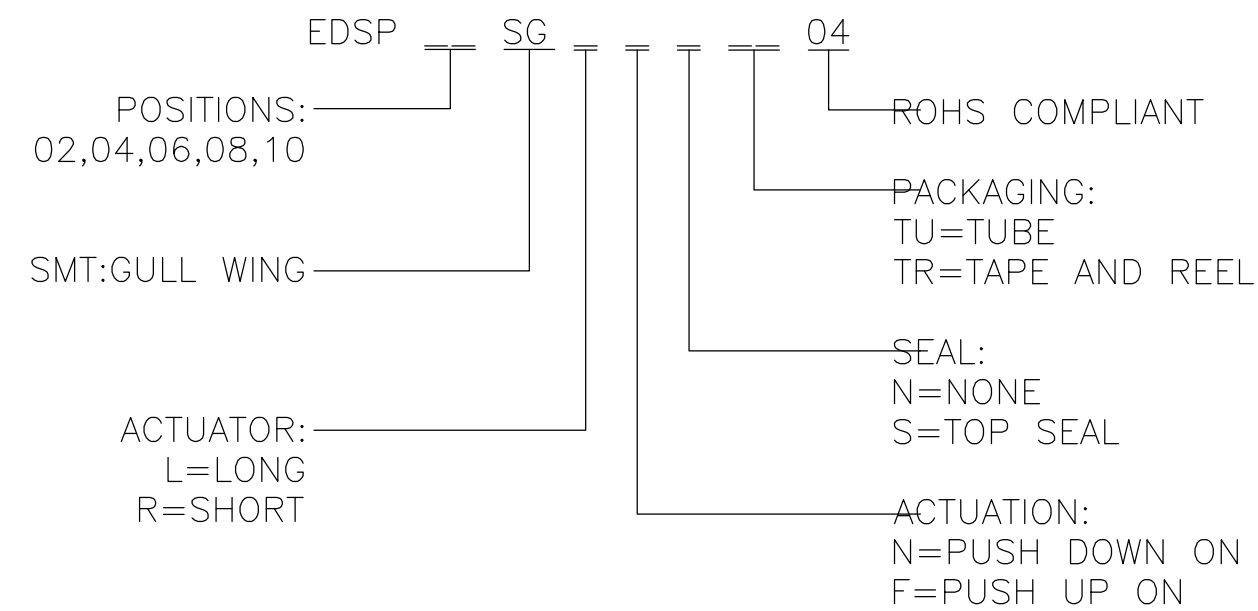


SCHEMATIC(TYP.)



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

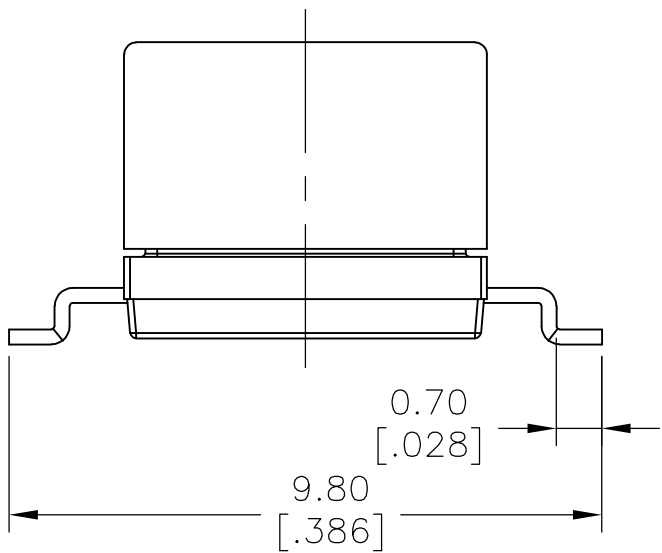
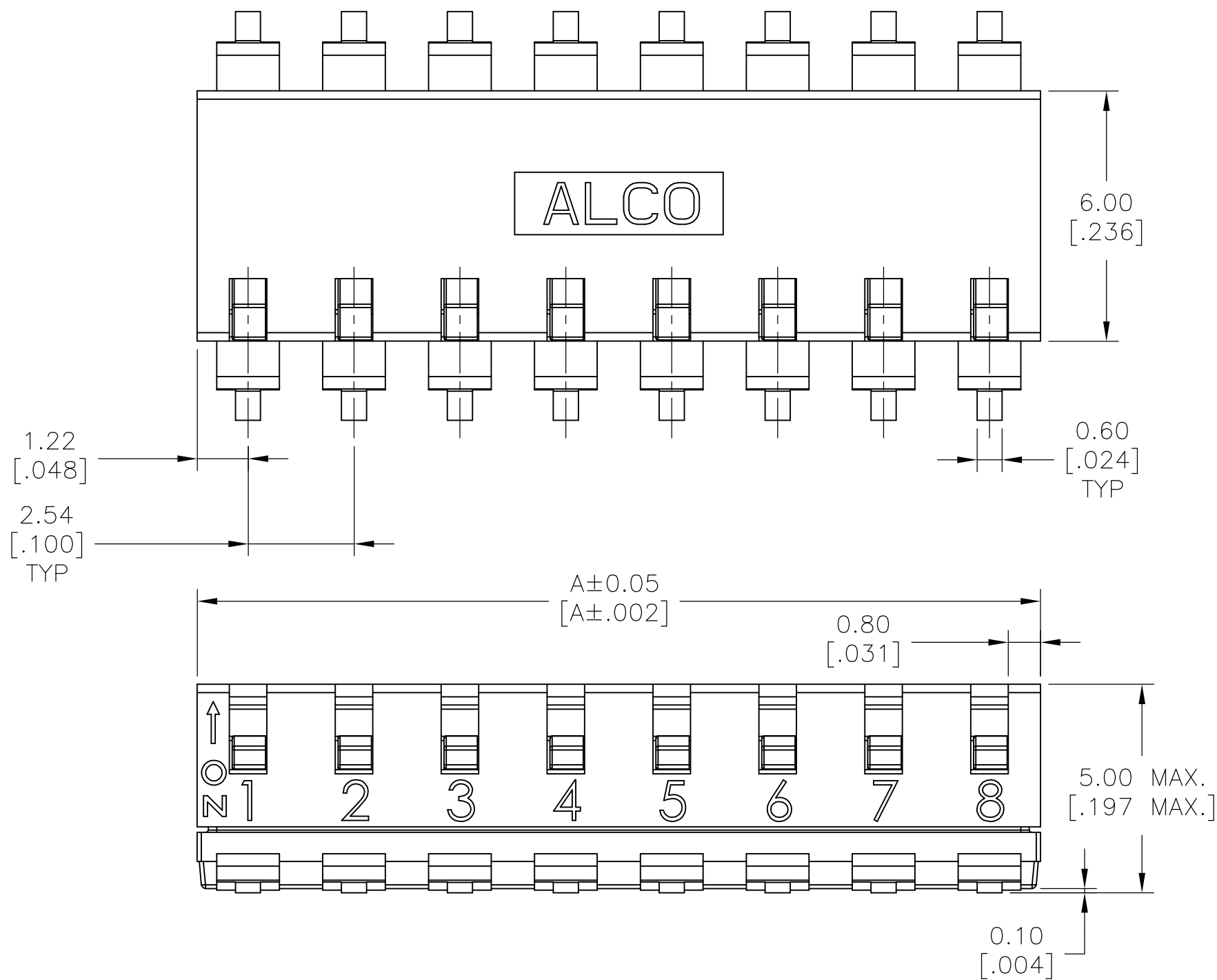
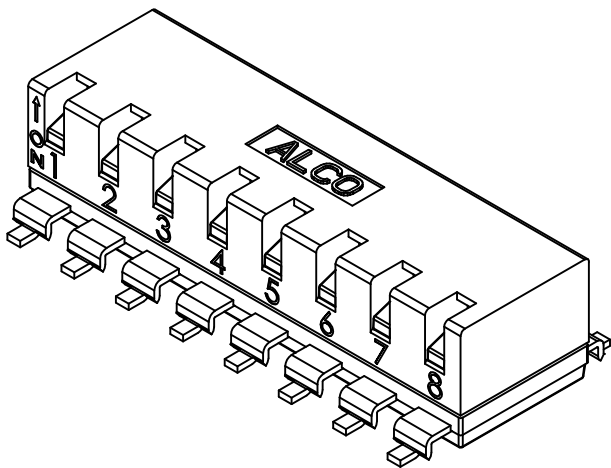
CIRCUIT DIAGRAM



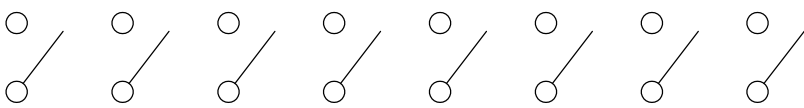
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHIVAKUMAR S S	12MAY2017	TE Connectivity	
DIMENSIONS: mm[INCHES]		CHK ALEXANDER SHARPE	12MAY2017		
		APVD ALEXANDER SHARPE	12MAY2017	NAME PIANO DIP SWITCH END STACKABLE	
		PRODUCT SPEC		SIZE A2	
MATERIAL -		FINISH -		CAGE CODE 00779	
				DRAWING NO C=2319764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

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

SHORT ACTUATOR
PUSH UP ON

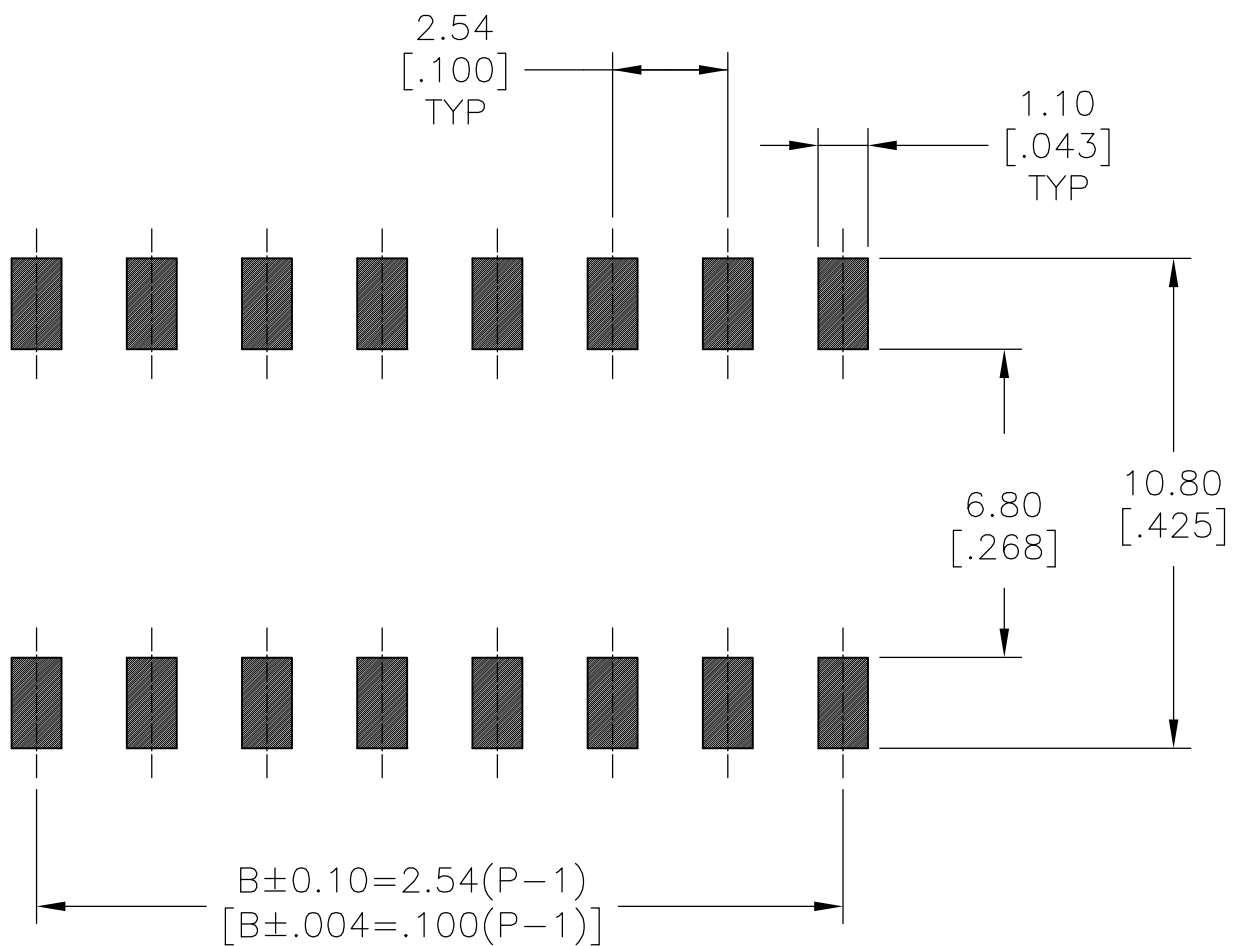


SCHEMATIC(TYP.)

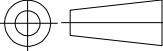


(2, 4, 6, 8, 10 POS AVAIL)

CIRCUIT DIAGRAM



P.C.B. LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 12MAY2017 SHIVAKUMAR S S		 TE Connectivity				
DIMENSIONS: mm[INCHES]		CHK 12MAY2017 ALEXANDER SHARPE						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 12MAY2017 ALEXANDER SHARPE		NAME PIANO DIP SWITCH END STACKABLE			
	0 PLC ± -		PRODUCT SPEC					
	1 PLC ± -		—					
	2 PLC ± 0.20[.008]		APPLICATION SPEC					
	3 PLC ± -		—					
MATERIAL —	4 PLC ± -		—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
	ANGLES ± -		WEIGHT —		A2 00779		C=2319764	—
	FINISH —		CUSTOMER DRAWING		SCALE	1:1	SHEET 2 of 4	REV A

4				3				2				1																											
THIS DRAWING IS UNPUBLISHED.				RELEASED FOR PUBLICATION				-				REVISIONS																											
© COPYRIGHT - TE Connectivity				ALL RIGHTS RESERVED.								P	LTR	DESCRIPTION		DATE	DWN	APVD																					
													-	SEE SHEET 1		-	-	-																					
YES	SHORT	DOWN ON	3	7.62 [.300]	10.06 [.396]	04	EDSP04SGRNSTR04	5-2319764-2	YES	SHORT	UP ON	2	2.54 [.100]	4.98 [.196]	02	EDSP02SGRFSTU04	2-2319764-6																						
				2.54 [.100]	4.98 [.196]	02	EDSP02SGRNSTR04	5-2319764-1			DOWN ON		22.86 [.900]	25.30 [.996]	10	EDSP10SGRNSTU04	2-2319764-5																						
22.86 [.900]				25.30 [.996]	10	EDSP10SGRFNTR04	5-2319764-0	17.78 [.700]					20.22 [.796]	08	EDSP08SGRNSTU04	2-2319764-4																							
17.78 [.700]				20.22 [.796]	08	EDSP08SGRFNTR04	4-2319764-9	12.70 [.500]					15.14 [.596]	06	EDSP06SGRNSTU04	2-2319764-3																							
12.70 [.500]				15.14 [.596]	06	EDSP06SGRFNTR04	4-2319764-8	7.62 [.300]					10.06 [.396]	04	EDSP04SGRNSTU04	2-2319764-2																							
7.62 [.300]		10.06 [.396]		04	EDSP04SGRFNTR04	4-2319764-7	2.54 [.100]	4.98 [.196]					02	EDSP02SGRNSTU04	2-2319764-1																								
2.54 [.100]		4.98 [.196]		02	EDSP02SGRFNTR04	4-2319764-6	22.86 [.900]	25.30 [.996]					10	EDSP10SGRFNTU04	2-2319764-0																								
22.86 [.900]		25.30 [.996]		10	EDSP10SGLFNTR04	4-2319764-5	17.78 [.700]	20.22 [.796]					08	EDSP08SGRFNTU04	1-2319764-9																								
17.78 [.700]		20.22 [.796]		08	EDSP08SGLFNTR04	4-2319764-4	12.70 [.500]	15.14 [.596]					06	EDSP06SGRFNTU04	1-2319764-8																								
12.70 [.500]		15.14 [.596]		06	EDSP06SGLFNTR04	4-2319764-3	7.62 [.300]	10.06 [.396]					04	EDSP04SGRFNTU04	1-2319764-7																								
7.62 [.300]	10.06 [.396]	04		EDSP04SGLFNTR04	4-2319764-2	2.54 [.100]	4.98 [.196]	02		EDSP02SGRFNTU04	1-2319764-6																												
NO DOWN ON	LONG	UP ON		2.54 [.100]	4.98 [.196]	02	EDSP02SGLFNTR04	4-2319764-1		NO	LONG		UP ON	22.86 [.900]	25.30 [.996]	10	EDSP10SGLFNTU04	1-2319764-5																					
				22.86 [.900]	25.30 [.996]	10	EDSP10SGRNNTRO4	4-2319764-0						17.78 [.700]	20.22 [.796]	08	EDSP08SGLFNTU04	1-2319764-4																					
				17.78 [.700]	20.22 [.796]	08	EDSP08SGRNNTRO4	3-2319764-9						12.70 [.500]	15.14 [.596]	06	EDSP06SGLFNTU04	1-2319764-3																					
				12.70 [.500]	15.14 [.596]	06	EDSP06SGRNNTRO4	3-2319764-8						7.62 [.300]	10.06 [.396]	04	EDSP04SGLFNTU04	1-2319764-2																					
				7.62 [.300]	10.06 [.396]	04	EDSP04SGRNNTRO4	3-2319764-7						2.54 [.100]	4.98 [.196]	02	EDSP02SGLFNTU04	1-2319764-1																					
	2.54 [.100]			4.98 [.196]	02	EDSP02SGRNNTRO4	3-2319764-6	22.86 [.900]			25.30 [.996]			10	EDSP10SGRNNTU04	1-2319764-0																							
	22.86 [.900]			25.30 [.996]	10	EDSP10SGLNNTR04	3-2319764-5	17.78 [.700]			20.22 [.796]			08	EDSP08SGRNNTU04	2319764-9																							
	17.78 [.700]			20.22 [.796]	08	EDSP08SGLNNTR04	3-2319764-4	12.70 [.500]			15.14 [.596]			06	EDSP06SGRNNTU04	2319764-8																							
	12.70 [.500]			15.14 [.596]	06	EDSP06SGLNNTR04	3-2319764-3	7.62 [.300]			10.06 [.396]			04	EDSP04SGRNNTU04	2319764-7																							
	7.62 [.300]		10.06 [.396]	04	EDSP04SGLNNTR04	3-2319764-2	2.54 [.100]	4.98 [.196]	02		EDSP02SGRNNTU04	2319764-6																											
2.54 [.100]	4.98 [.196]	02	EDSP02SGLNNTR04	3-2319764-1	22.86 [.900]	25.30 [.996]	10	EDSP10SGLNNTU04	2319764-5																														
YES	SHORT	UP ON	2	22.86 [.900]	25.30 [.996]	10	EDSP10SGRFSTU04	3-2319764-0	NO	LONG	DOWN ON	17.78 [.700]	20.22 [.796]	08	EDSP08SGLNNTU04	2319764-4																							
				17.78 [.700]	20.22 [.796]	08	EDSP08SGRFSTU04	2-2319764-9				12.70 [.500]	15.14 [.596]	06	EDSP06SGLNNTU04	2319764-3																							
				12.70 [.500]	15.14 [.596]	06	EDSP06SGRFSTU04	2-2319764-8				7.62 [.300]	10.06 [.396]	04	EDSP04SGLNNTU04	2319764-2																							
				7.62 [.300]	10.06 [.396]	04	EDSP04SGRFSTU04	2-2319764-7				2.54 [.100]	4.98 [.196]	02	EDSP02SGLNNTU04	2319764-1																							
TAPE	ACTUATOR TYPE	ACTUATION PUSH	NOTE	B	A	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER	TAPE	ACTUATOR TYPE	ACTUATION PUSH	NOTE	B	A	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER																						
				DIM								DIM																											
												THIS DRAWING IS A CONTROLLED DOCUMENT.												DWN 12MAY2017 SHIVAKUMAR S S CHK 12MAY2017 ALEXANDER SHARPE APVD 12MAY2017 ALEXANDER SHARPE PRODUCT SPEC APPLICATION SPEC FINISH				TE Connectivity PIANO DIP SWITCH END STACKABLE - -				NAME							
				DIMENSIONS: mm[INCHES]				TOLERANCES, UNLESS OTHERWISE SPECIFIED:				0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± -				MATERIAL				-				WEIGHT				A2 00779				C=2319764				RESTRICTED TO			
												CUSTOMER DRAWING												SCALE 1:1				SHEET 3 OF 4				REV A							

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

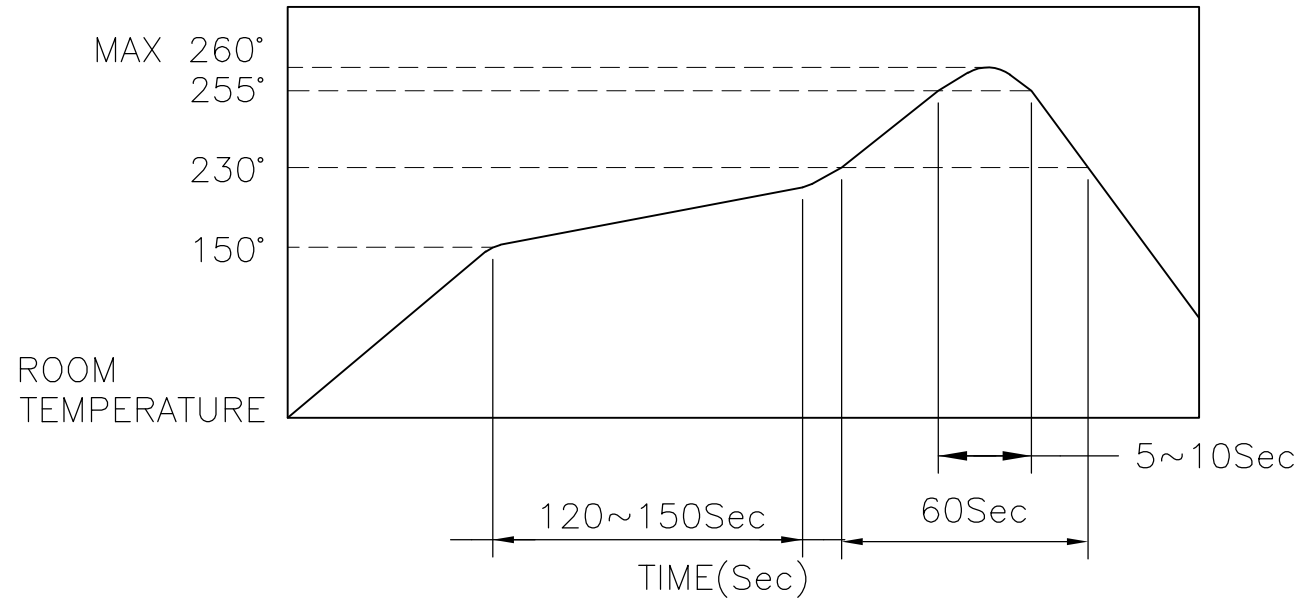
SOLDERING CONDITIONS:

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

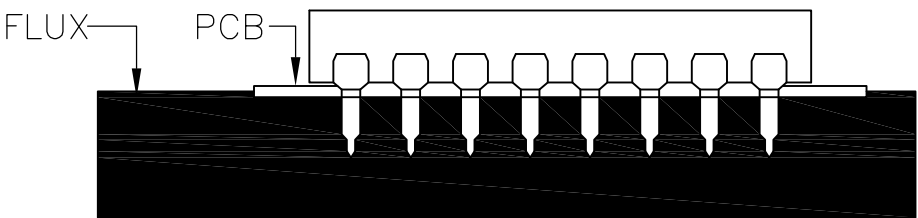
SOLDERING TEMPERATURE	MAX. 350°C.
CONTINUOUS SOLDERING TIME	MAX. 5 SECONDS.

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-0
COVER: PA (HIGH-TEMP. NYLON) UL94V-0
ACTUATOR: LCP UL94V-0
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:

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



TUBE PACKAGING.



TAPE AND REEL PACKAGING.

YES	SHORT	UP ON		22.86 [.900]	25.30 [.996]	10	EDSP10SGRFSTR04	6-2319764-0			
				17.78 [.700]	20.22 [.796]	08	EDSP08SGRFSTR04	5-2319764-9			
				12.70 [.500]	15.14 [.596]	06	EDSP06SGRFSTR04	5-2319764-8			
				7.62 [.300]	10.06 [.396]	04	EDSP04SGRFSTR04	5-2319764-7			
	DOWN ON			2.54 [.100]	4.98 [.196]	02	EDSP02SGRFSTR04	5-2319764-6			
				22.86 [.900]	25.30 [.996]	10	EDSP10SGRNSTR04	5-2319764-5			
				17.78 [.700]	20.22 [.796]	08	EDSP08SGRNSTR04	5-2319764-4			
				12.70 [.500]	15.14 [.596]	06	EDSP06SGRNSTR04	5-2319764-3			
TAPE	ACTUATOR TYPE	ACTUATION PUSH	NOTE	B	A	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER			
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN 12MAY2017 SHIVAKUMAR S S		TE Connectivity					
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK 12MAY2017 ALEXANDER SHARPE							
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± ±		APVD 12MAY2017 ALEXANDER SHARPE		NAME					
MATERIAL		FINISH		PRODUCT SPEC		PIANO DIP SWITCH END STACKABLE					
				APPLICATION SPEC							
				WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
				CUSTOMER DRAWING		A2	00779	C=2319764	-		
						SCALE	1:1	SHEET	4 of 4	REV	A