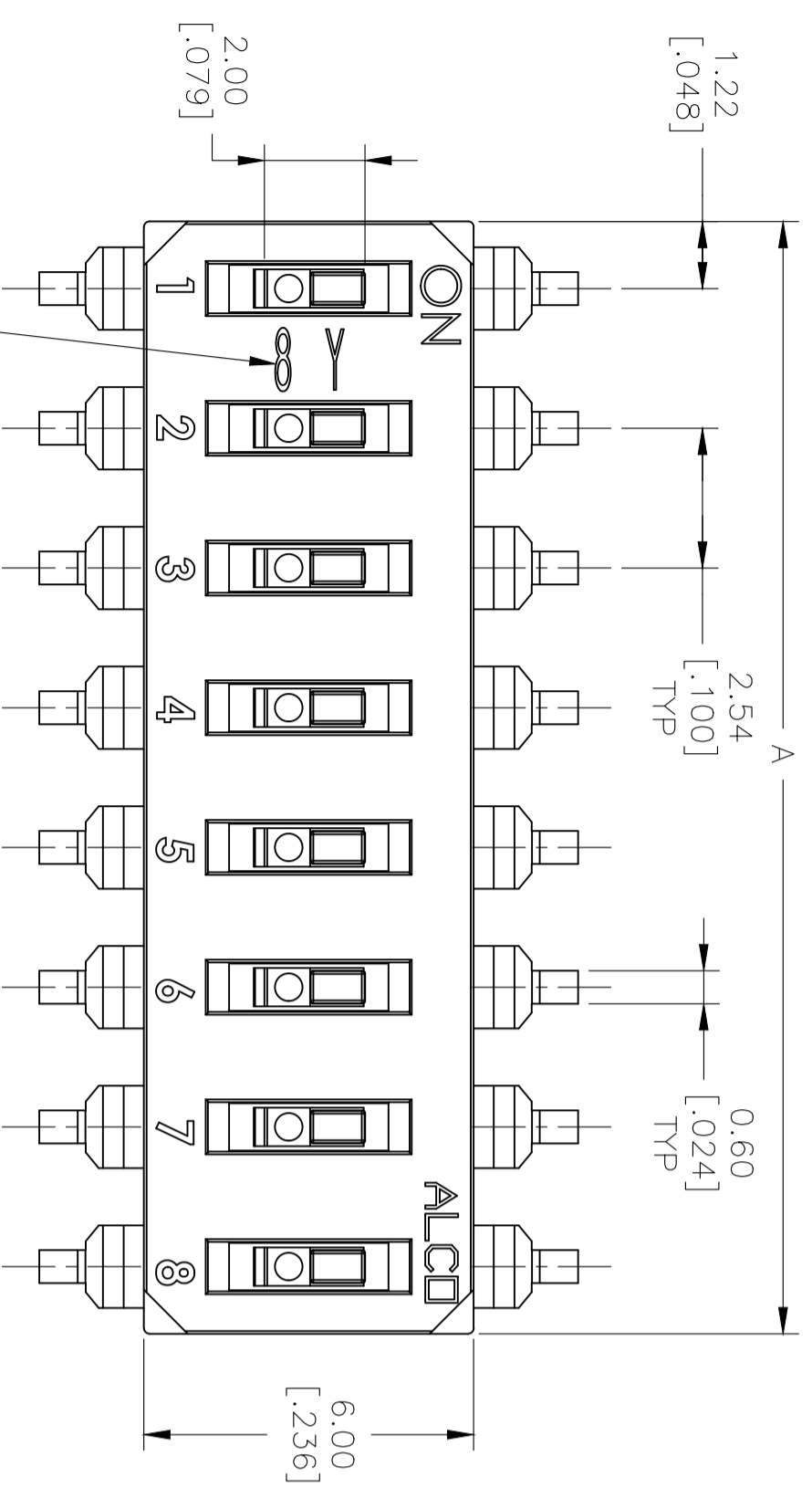
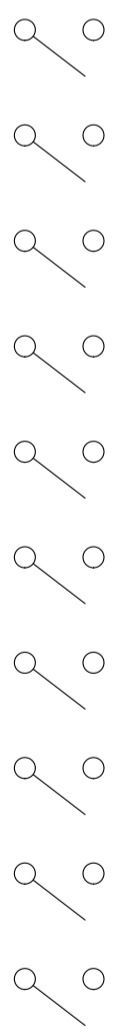
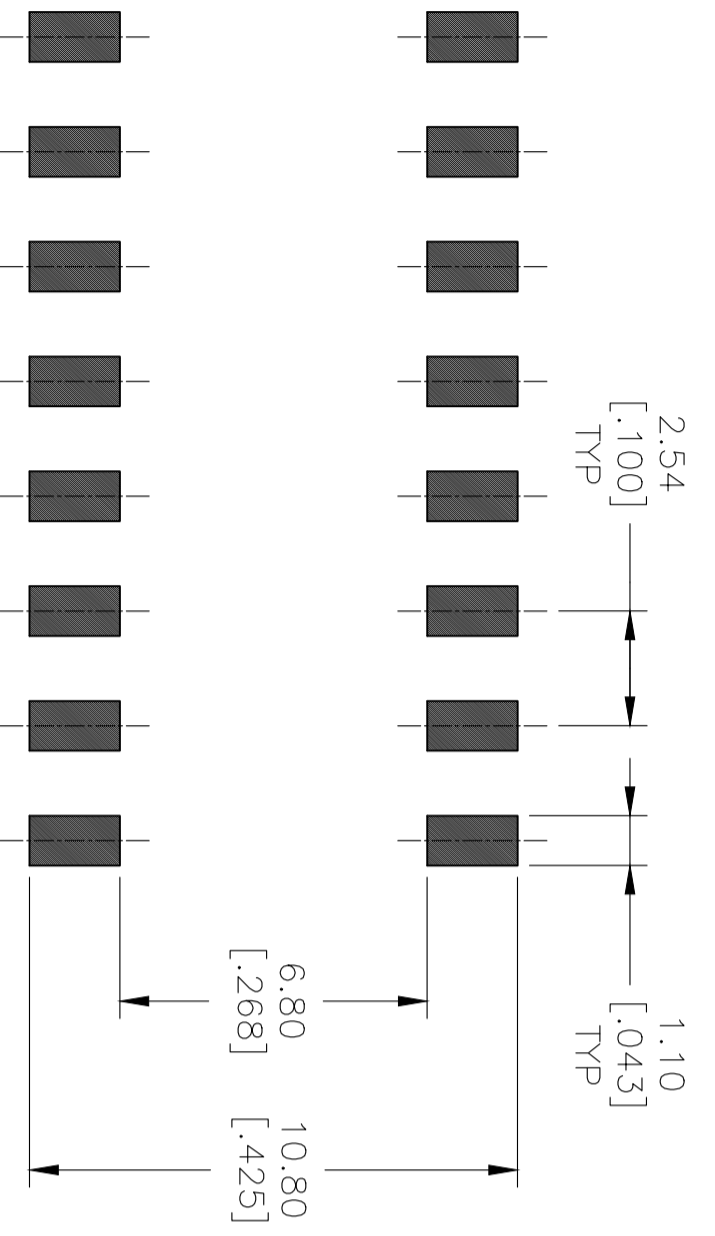
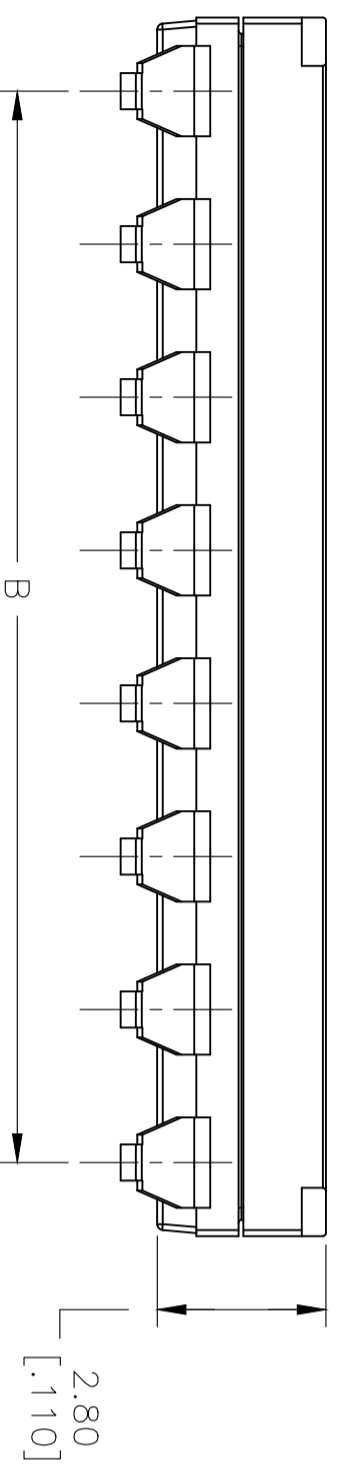


MR SERIES RECESSED ACTUATORS

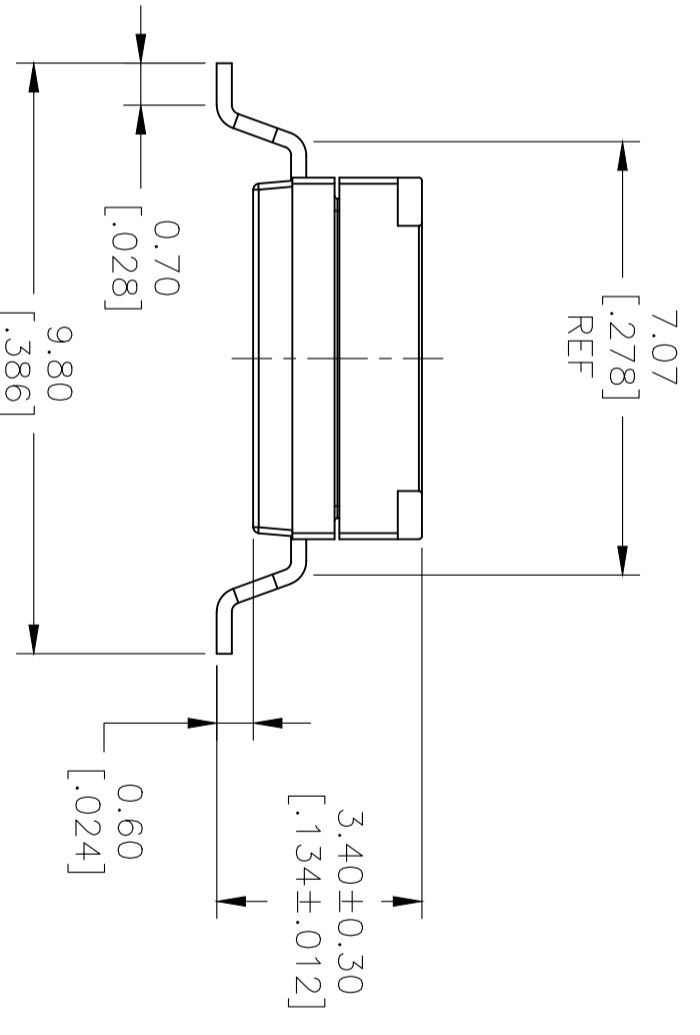
REVOLUTIONS		DATE	DMN	APRD
P	LTR			
A	INITIAL RELEASE	29MAY2017	SK	AS
A1	REVISED PER ECO-17-015842	27OCT2017	RK	AS



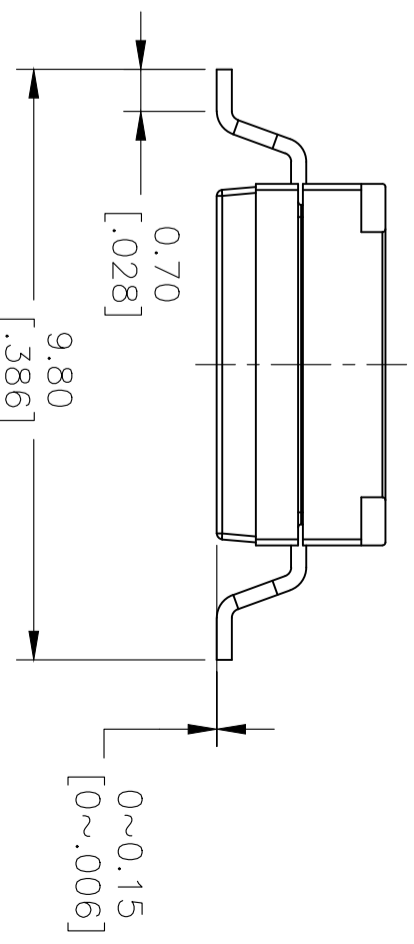
DATE CODE
(MM YY)



(1, 2, 3, 4, 5, 6, 7, 8,
 9, 10, 12 POS AVAIL)
 CIRCUIT DIAGRAM



TWO POSITIONS AND LARGER



ONE POSITION

- POSITIONS:
 01,02,03,04,05,06
 07,08,09,10,12
- SMT:
 SG=GULL WING
 SN=J STYLE
- ACTUATOR:
 N=RAISED
 R=RECESSED
- SEAL:
 N=NONE
 S=TOP SEAL
- EDS
- 04Q
- HALOGEN FREE
- ROHS COMPLIANT
- PACKAGING:
 TU=TUBE
 TR=TAPE AND REEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		29MAY2017	
DMN	SHIVAKUMAR S S	APRD	ALEXANDER SHARPE
CHK	ALEXANDER SHARPE	PRODUCT SPEC	
APVD	ALEXANDER SHARPE	APPLICATION SPEC	
DIMENSIONS: mm(INCHES)		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0	PLC	±	
1	PLC	±	
2	PLC	±	0.20(.008)
3	PLC	±	
4	PLC	±	
MATERIAL		FINISH	
CUSTOMER DRAWING		SIZE	A2
		CAGE CODE	00779
		DRAWING NO	2319848
		SCALE	1:1
		SHEET	1 of 5
		REV	A1

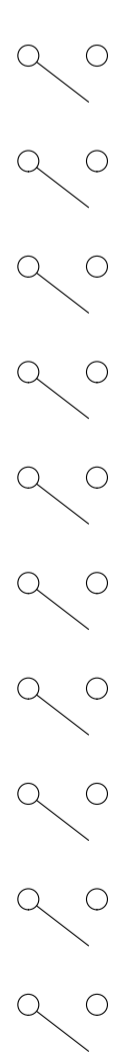
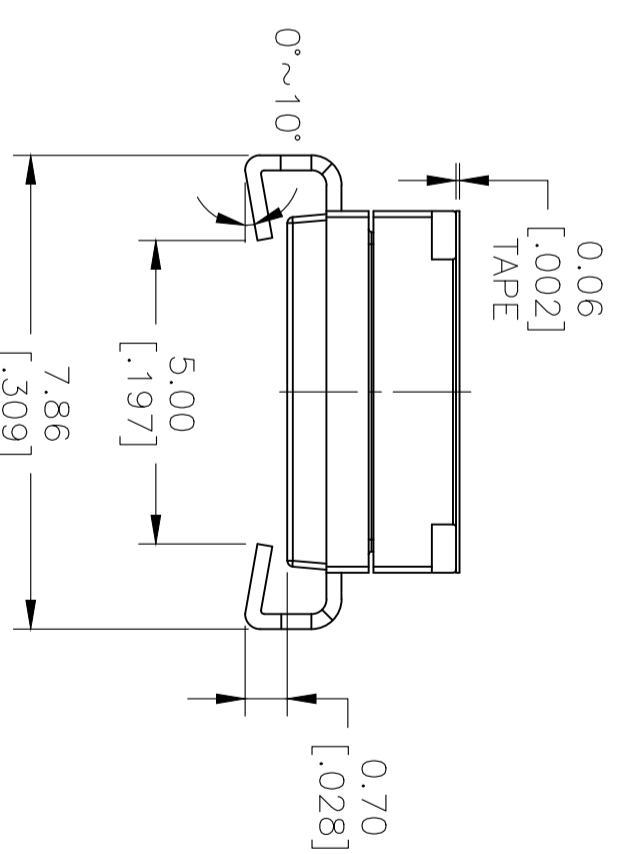
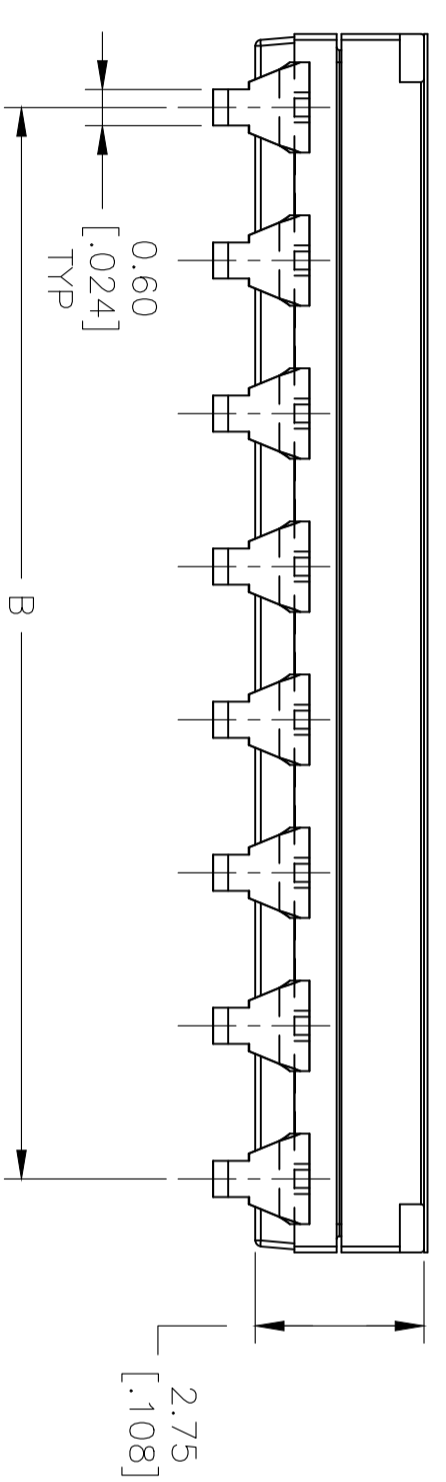
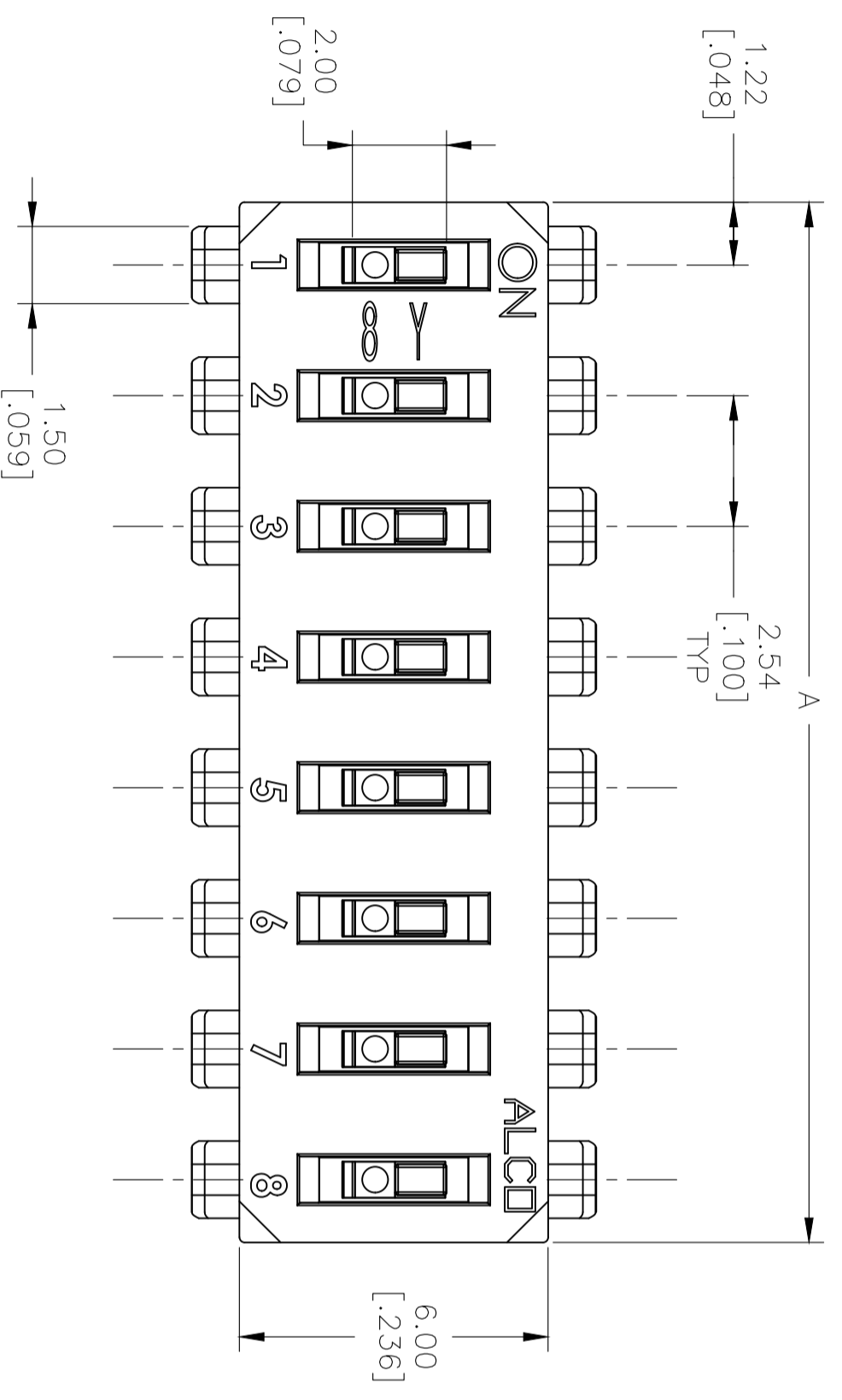


END STACKABLE DIP SWITCHES
 RECESSED ACTUATOR

2319848

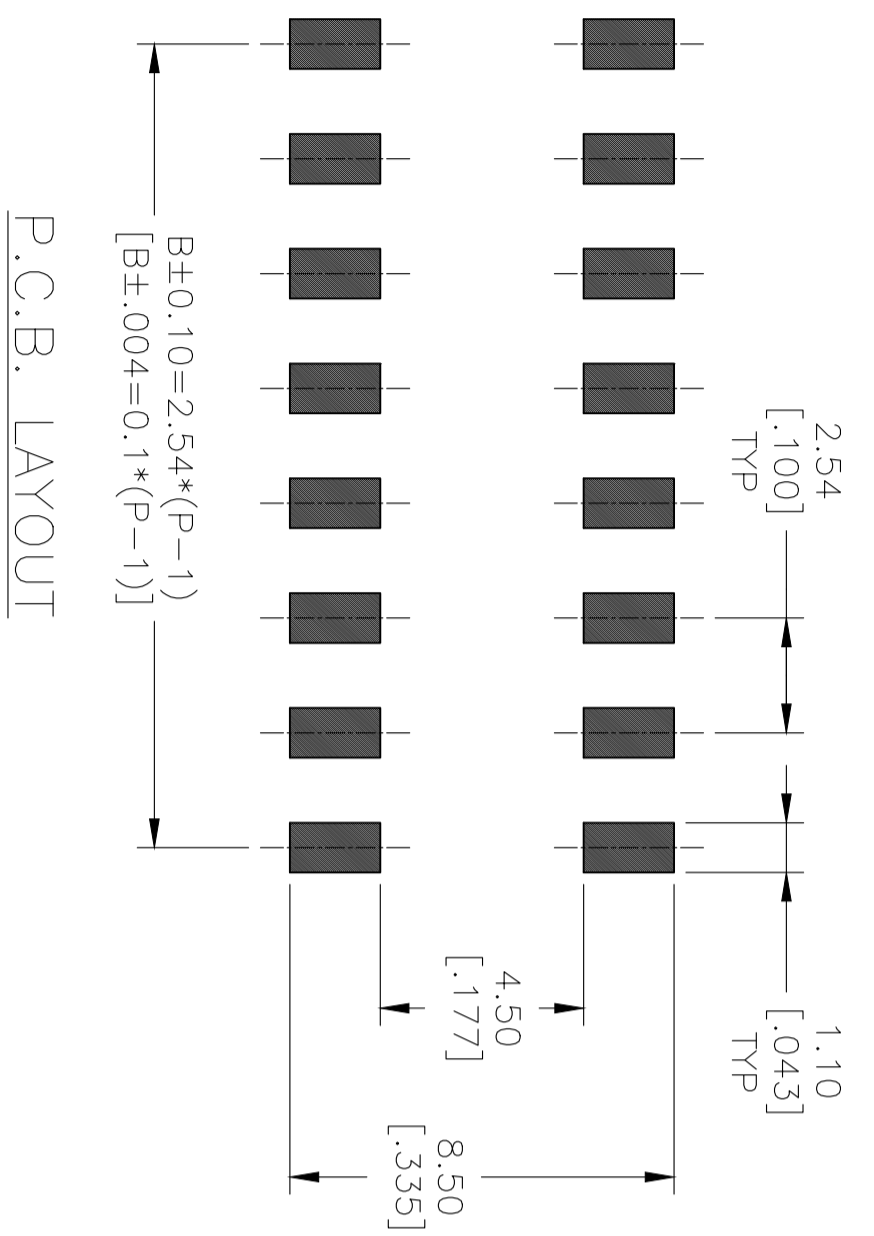
JR SERIES RECESSED ACTUATORS

REVISIONS		DATE	DMN	APD
P	LTR			
-	SEE SHEET 1			



(2, 3, 4, 5, 6, 7, 8, 9,
 10, 12 POS AVAIL)
 CIRCUIT DIAGRAM

SCHEMATIC(TYP.)



THIS DRAWING IS A CONTROLLED DOCUMENT.


DIMENSIONS: mm(INCHES)		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLG	±	OTHERWISE SPECIFIED:	±	DMN	SHIVAKUMAR S S
1 PLG	±	0.20(.008)	±	CHK	ALEXANDER SHARPE
2 PLG	±	0.20(.008)	±	APVD	ALEXANDER SHARPE
3 PLG	±	0.20(.008)	±	PRODUCT SPEC	
4 PLG	±	0.20(.008)	±	APPLICATION SPEC	
ANGLES	±		±	WEIGHT	
FINISH				CUSTOMER DRAWING	
MATERIAL				SIZE	A2
				CAGE CODE	00779
				DRAWING NO	2319848
				SCALE	1:1
				SHEET	2 of 5
				REV	A1




TE Connectivity
 END STACKABLE DIP SWITCHES
 RECESSED ACTUATOR

REVOLUTIONS		DATE	DNM	APRD
P	LTR			

DESCRIPTION		DATE	DNM	APRD
	SEE SHEET 1			

NOTES	SEAL	SERIES	DIM		No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER
			B	A			
 YES	JR	MR	10.16 [.400]	12.60 [.496]	05	EDS05SNRSTR04Q	7-2319848-8
			7.62 [.300]	10.06 [.396]	04	EDS04SNRSTR04Q	7-2319848-7
			5.08 [.200]	7.52 [.296]	03	EDS03SNRSTR04Q	7-2319848-6
			2.54 [.100]	4.98 [.196]	02	EDS02SNRSTR04Q	7-2319848-5
			27.94 [1.100]	30.38 [1.196]	12	EDS12SGRSTR04Q	7-2319848-4
			22.86 [.900]	25.3 [.996]	10	EDS10SGRSTR04Q	7-2319848-3
			20.32 [.800]	22.76 [.896]	09	EDS09SGRSTR04Q	7-2319848-2
			17.78 [.700]	20.22 [.796]	08	EDS08SGRSTR04Q	7-2319848-1
			15.24 [.600]	17.68 [.696]	07	EDS07SGRSTR04Q	7-2319848-0
			12.70 [.500]	15.14 [.596]	06	EDS06SGRSTR04Q	7-2319848-9
			27.94 [1.100]	30.38 [1.196]	12	EDS12SNRSTR04Q	8-2319848-4
			22.86 [.900]	25.3 [.996]	10	EDS10SNRSTR04Q	8-2319848-3
20.32 [.800]	22.76 [.896]	09	EDS09SNRSTR04Q	8-2319848-2			
17.78 [.700]	20.22 [.796]	08	EDS08SNRSTR04Q	8-2319848-1			
15.24 [.600]	17.68 [.696]	07	EDS07SNRSTR04Q	8-2319848-0			
12.70 [.500]	15.14 [.596]	06	EDS06SNRSTR04Q	8-2319848-9			

NOTES	SEAL	SERIES	DIM		No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER
			B	A			
 NO	JR	MR	10.16 [.400]	12.60 [.496]	05	EDS05SNRSTR04Q	7-2319848-8
			7.62 [.300]	10.06 [.396]	04	EDS04SNRSTR04Q	7-2319848-7
			5.08 [.200]	7.52 [.296]	03	EDS03SNRSTR04Q	7-2319848-6
			2.54 [.100]	4.98 [.196]	02	EDS02SNRSTR04Q	7-2319848-5
			27.94 [1.100]	30.38 [1.196]	12	EDS12SGRSTR04Q	7-2319848-4
			22.86 [.900]	25.3 [.996]	10	EDS10SNRSTR04Q	7-2319848-3
			20.32 [.800]	22.76 [.896]	09	EDS09SNRSTR04Q	7-2319848-2
			17.78 [.700]	20.22 [.796]	08	EDS08SNRSTR04Q	7-2319848-1
			15.24 [.600]	17.68 [.696]	07	EDS07SNRSTR04Q	7-2319848-0
			12.70 [.500]	15.14 [.596]	06	EDS06SNRSTR04Q	7-2319848-9
			27.94 [1.100]	30.38 [1.196]	12	EDS12SNRSTR04Q	8-2319848-4
			22.86 [.900]	25.3 [.996]	10	EDS10SNRSTR04Q	8-2319848-3
20.32 [.800]	22.76 [.896]	09	EDS09SNRSTR04Q	8-2319848-2			
17.78 [.700]	20.22 [.796]	08	EDS08SNRSTR04Q	8-2319848-1			
15.24 [.600]	17.68 [.696]	07	EDS07SNRSTR04Q	8-2319848-0			
12.70 [.500]	15.14 [.596]	06	EDS06SNRSTR04Q	8-2319848-9			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm(INCHES)	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± .010	± .010
1 PLC ± .010	± .010
2 PLC ± .010	± .010
3 PLC ± .010	± .010
4 PLC ± .010	± .010

MATERIAL: FINISH

APPROVED: ALEXANDER SHARPE

DATE: 29MAY2017

CHK: SHIVAKUMAR S S

NAME: END STACKABLE DIP SWITCHES RECESSED ACTUATOR

SIZE: A2

QTY: 00779

SCALE: 1:1

SHEET: 4 OF 5

REV: A1

A

B

C

D

4

3

2

1

2319848

A

B

C

D

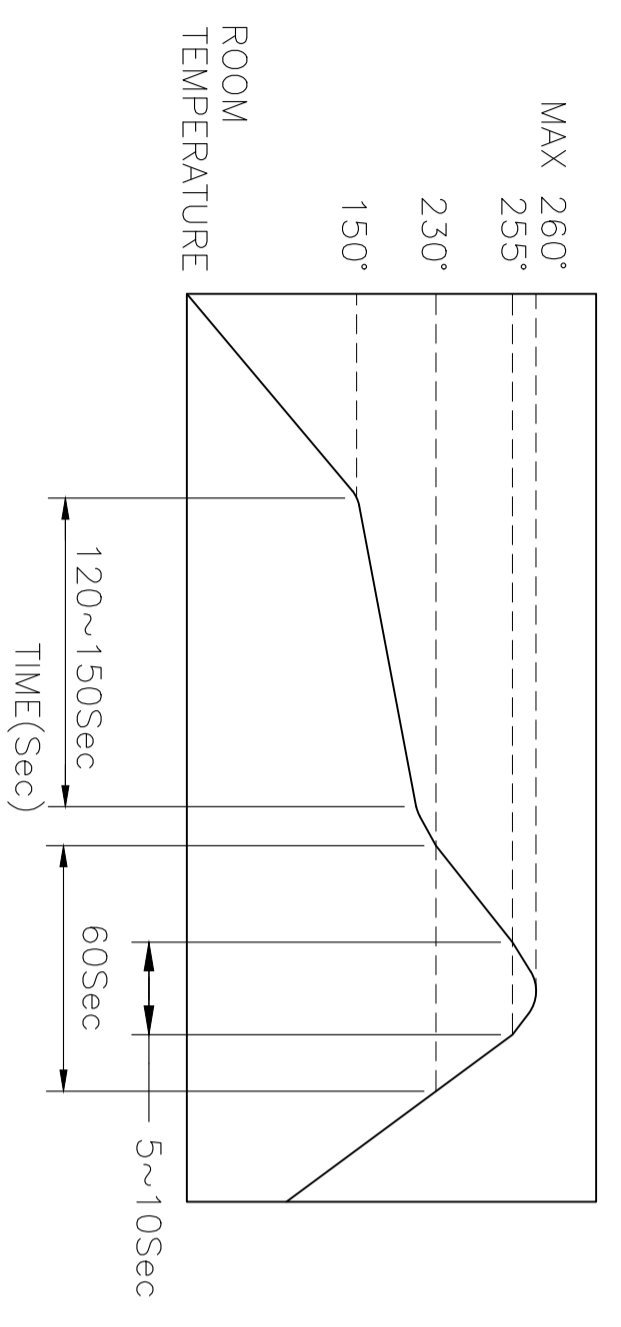
REVISIONS		DATE	DMN	APVD
P	LTR			
		DESCRIPTION		
-	SEE SHEET 1			

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.

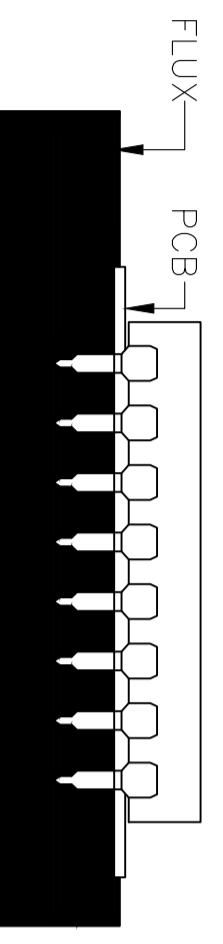
MANUAL SOLDERING

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: 500 VAC (50 OR 60 HZ), 1 MINUTE.
 DURABILITY: 2,000 CYCLES.
 CAPACITANCE: 5 pF MAX @ 1 MHz +/- 10 KHz.

MECHANICAL:
 OPERATING FORCE: 1000gf 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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN 29MAY2017		NAME	
SHIVAKUMAR S S		SHIVAKUMAR S S		TE Connectivity	
CHK ALEXANDER SHARPE		APVD ALEXANDER SHARPE		END STACKABLE DIP SWITCHES RECESSED ACTUATOR	
PRODUCT SPEC		APPLICATION SPEC		SIZE A2	
CAGE CODE		DRAWING NO		SCALE 1:1	
WEIGHT		A2 00779		SHEET 5 OF 5	
CUSTOMER DRAWING		C2319848		REV A1	
DIMENSIONS: mm(INCHES)		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RESTRICTED TO	
0 PLC ± -		0 PLC ± -		-	
1 PLC ± ± 0.20(.008)		1 PLC ± ± 0.20(.008)		-	
2 PLC ± -		2 PLC ± -		-	
3 PLC ± -		3 PLC ± -		-	
4 PLC ± -		4 PLC ± -		-	
FINISH		FINISH		-	