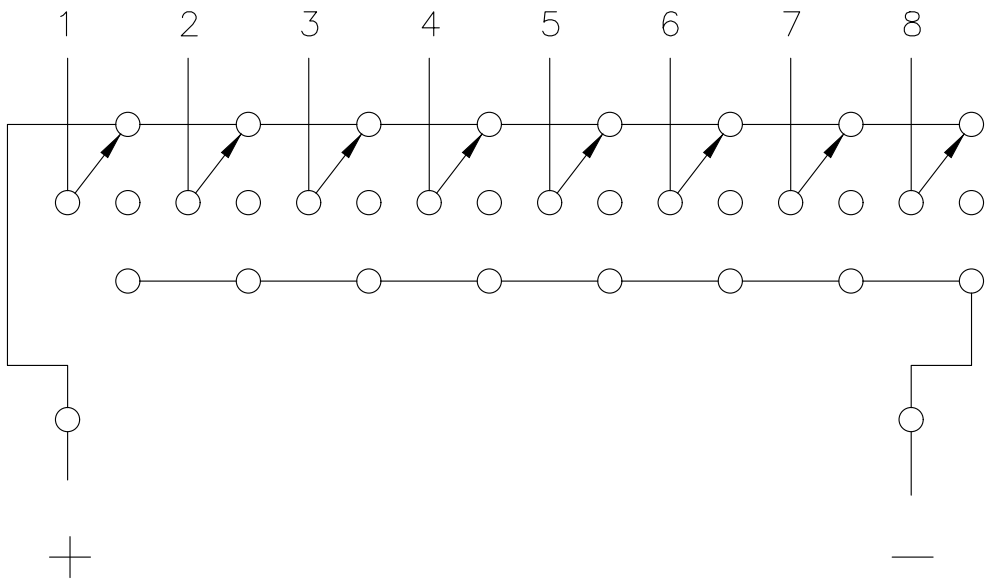
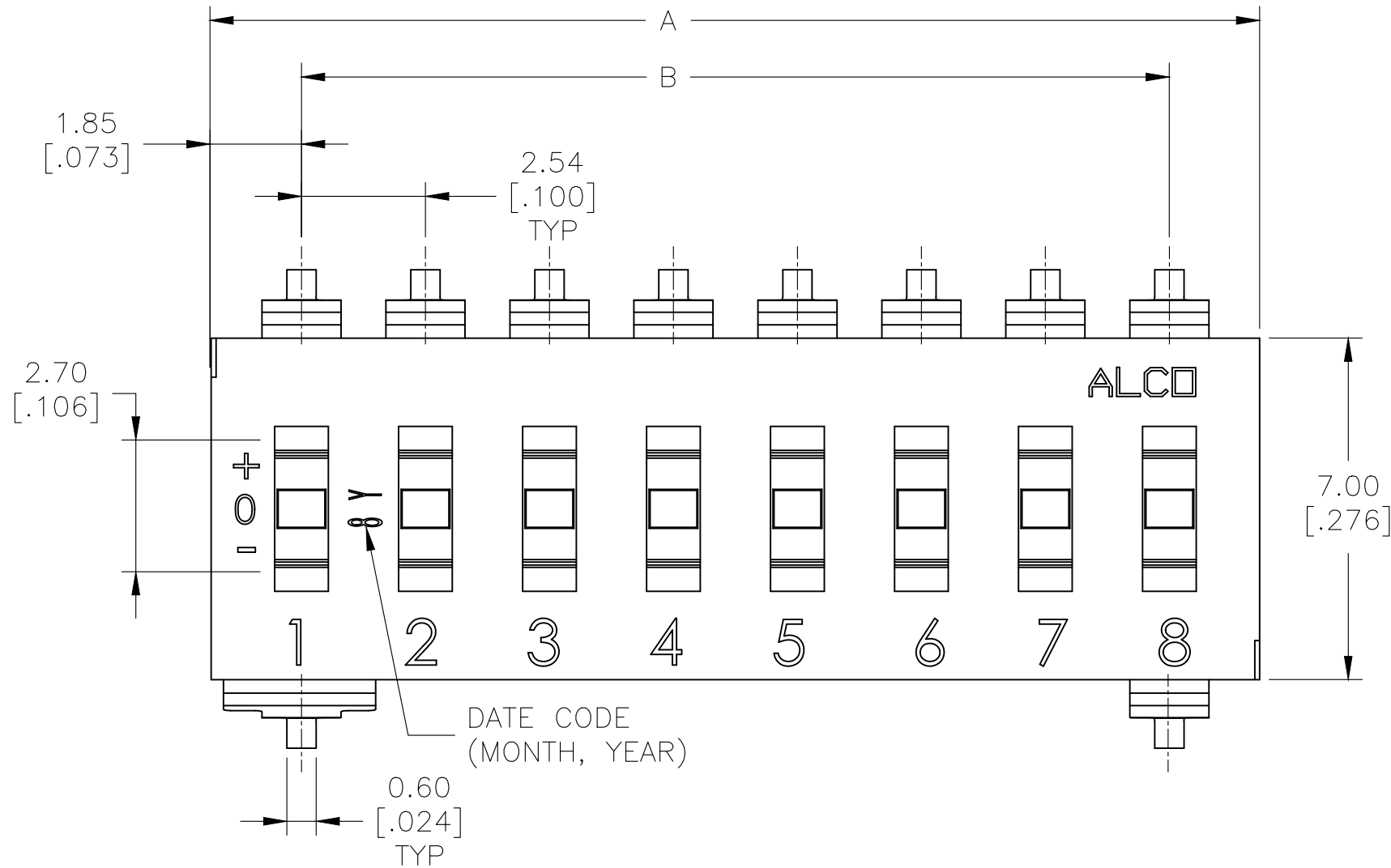


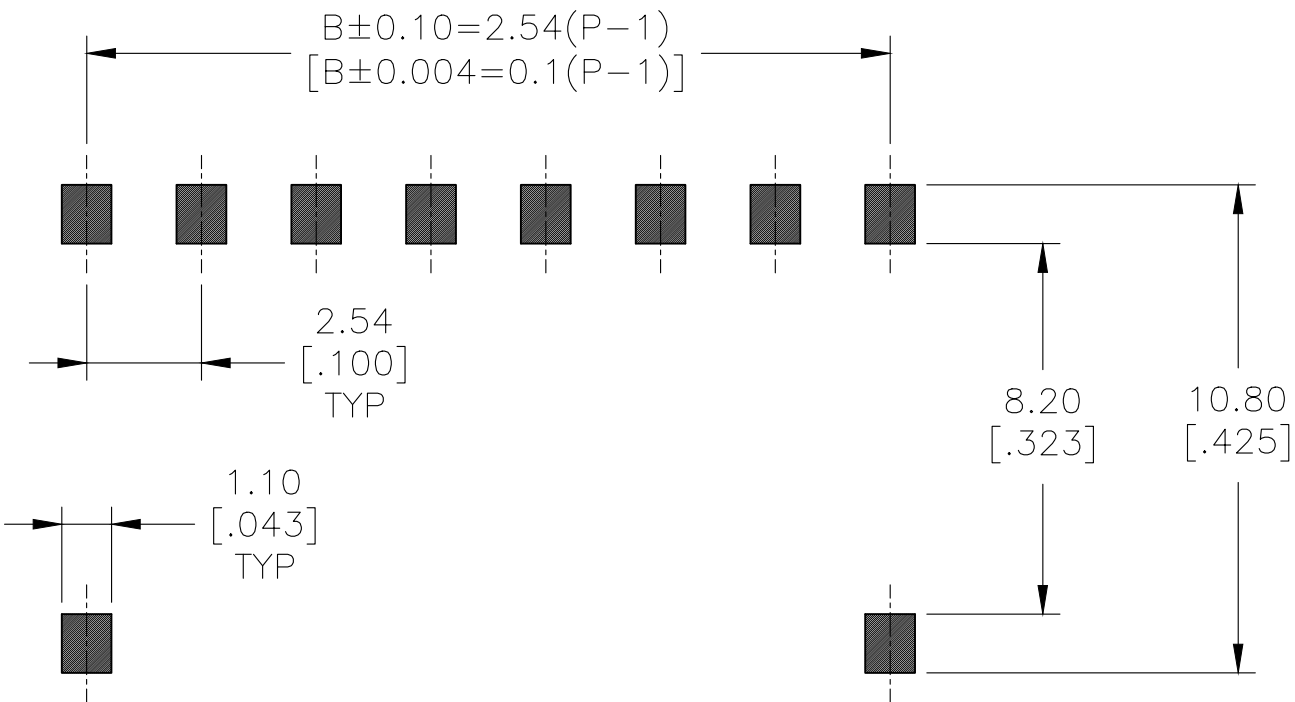
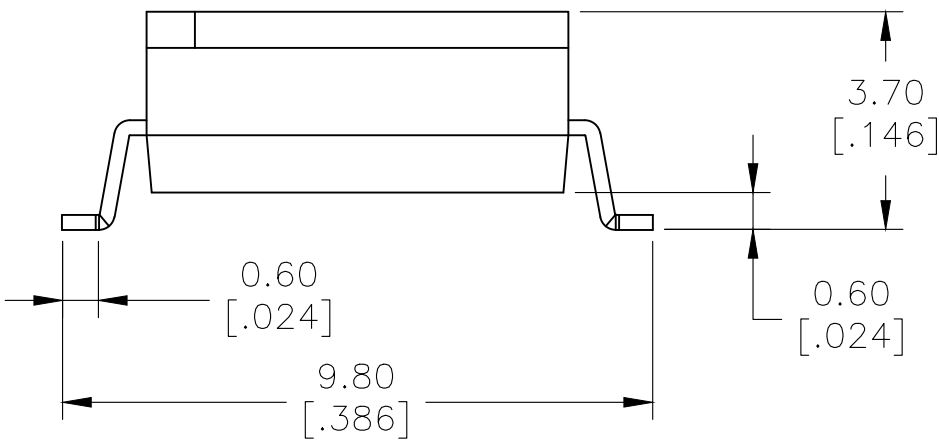
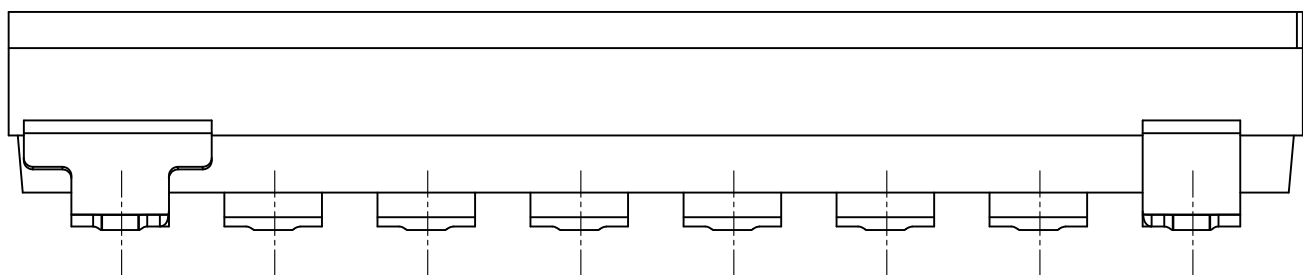


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

RECESSED ACTUATOR



CIRCUIT DIAGRAM



P.C.B. LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 29MAY2017 SHIVAKUMAR S S	TE Connectivity			
DIMENSIONS: mm[INCHES]		CHK 29MAY2017 ALEXANDER SHARPE				
		APVD 29MAY2017 ALEXANDER SHARPE	NAME			
		PRODUCT SPEC	TRI-STATE DIP SWITCHES			
MATERIAL		APPLICATION SPEC	SIZE			
		FINISH	CAGE CODE			
-		WEIGHT	DRAWING NO			
		CUSTOMER DRAWING	RESTRICTED TO			
		SCALE 8:1	SHEET 2 OF 4			
		REV B				

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

YES	RECESSED	3	22.86 [.900]	26.56 [1.046]	10	TDS10SGRSTR04	3-2319747-0	
			20.32 [.800]	24.02 [.946]	9	TDS09SGRSTR04	2-2319747-9	
			17.78 [.700]	21.48 [.846]	8	TDS08SGRSTR04	2-2319747-8	
			10.16 [.400]	13.86 [.546]	5	TDS05SGRSTR04	2-2319747-7	
			7.62 [.300]	11.32 [.446]	4	TDS04SGRSTR04	2-2319747-6	
NO			22.86 [.900]	26.56 [1.046]	10	TDS10SGRNTR04	2-2319747-5	
			20.32 [.800]	24.02 [.946]	9	TDS09SGRNTR04	2-2319747-4	
			17.78 [.700]	21.48 [.846]	8	TDS08SGRNTR04	2-2319747-3	
			10.16 [.400]	13.86 [.546]	5	TDS05SGRNTR04	2-2319747-2	
			7.62 [.300]	11.32 [.446]	4	TDS04SGRNTR04	2-2319747-1	
	RAISED		22.86 [.900]	26.56 [1.046]	10	TDS10SGNNTR04	2-2319747-0	
			20.32 [.800]	24.02 [.946]	9	TDS09SGNNTR04	1-2319747-9	
			17.78 [.700]	21.48 [.846]	8	TDS08SGNNTR04	1-2319747-8	
			10.16 [.400]	13.86 [.546]	5	TDS05SGNNTR04	1-2319747-7	
			7.62 [.300]	11.32 [.446]	4	TDS04SGNNTR04	1-2319747-6	
TOP TAPE SEAL	ACTUATOR		NOTE	B	A	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER
				DIM				

YES	RECESSED	2	22.86 [.900]	26.56 [1.046]	10	TDS10SGRSTU04	1-2319747-5							
			20.32 [.800]	24.02 [.946]	9	TDS09SGRSTU04	1-2319747-4							
			17.78 [.700]	21.48 [.846]	8	TDS08SGRSTU04	1-2319747-3							
			10.16 [.400]	13.86 [.546]	5	TDS05SGRSTU04	1-2319747-2							
			7.62 [.300]	11.32 [.446]	4	TDS04SGRSTU04	1-2319747-1							
NO			22.86 [.900]	26.56 [1.046]	10	TDS10SGRNTU04	1-2319747-0							
			20.32 [.800]	24.02 [.946]	9	TDS09SGRNTU04	2319747-9							
			17.78 [.700]	21.48 [.846]	8	TDS08SGRNTU04	2319747-8							
			10.16 [.400]	13.86 [.546]	5	TDS05SGRNTU04	2319747-7							
			7.62 [.300]	11.32 [.446]	4	TDS04SGRNTU04	2319747-6							
			RAISED		22.86 [.900]	26.56 [1.046]	10	TDS10SGNNTU04	2319747-5					
					20.32 [.800]	24.02 [.946]	9	TDS09SGNNTU04	2319747-4					
					17.78 [.700]	21.48 [.846]	8	TDS08SGNNTU04	2319747-3					
					10.16 [.400]	13.86 [.546]	5	TDS05SGNNTU04	2319747-2					
					7.62 [.300]	11.32 [.446]	4	TDS04SGNNTU04	2319747-1					
TOP TAPE SEAL	ACTUATOR	NOTE	B	A	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER							
			DIM											
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN 29MAY2017 SHIVAKUMAR S S		TE Connectivity									
DIMENSIONS: mm[INCHES]		CHK 29MAY2017 ALEXANDER SHARPE		TRI-STATE DIP SWITCHES										
		APVD 29MAY2017 ALEXANDER SHARPE												
		PRODUCT SPEC												
		APPLICATION SPEC												
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO		
-		-		A2		00779		G		2319747		-		
CUSTOMER DRAWING			SCALE		8:1		SHEET		3 of 4		REV		B	

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

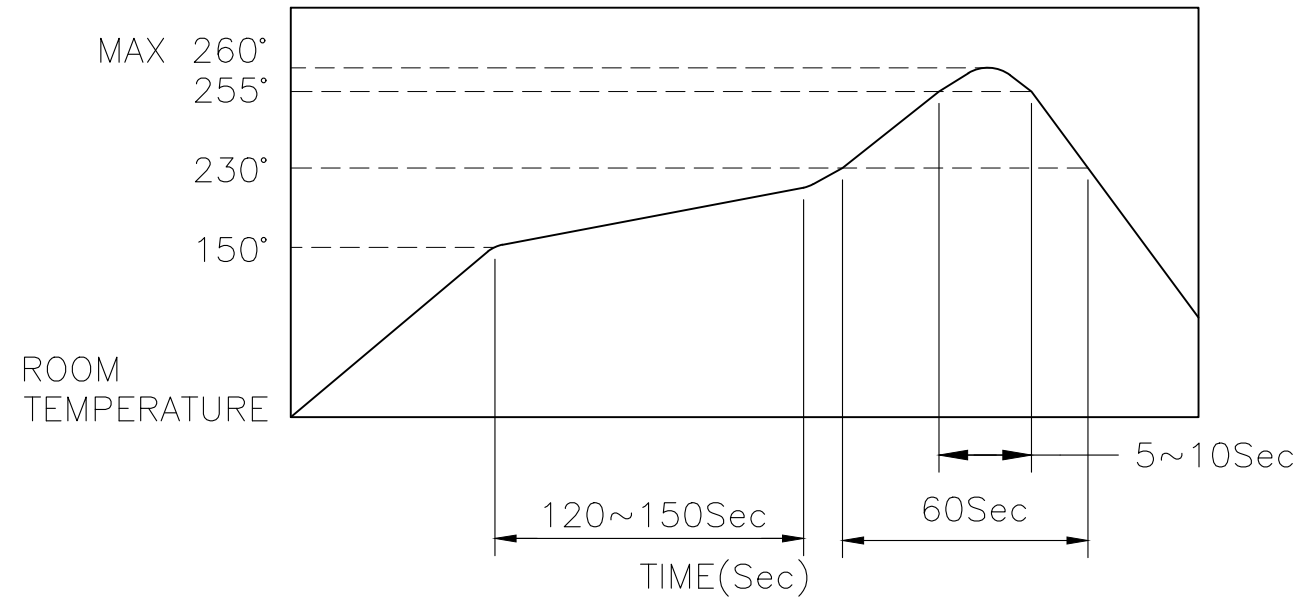
SOLDERING CONDITIONS:

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

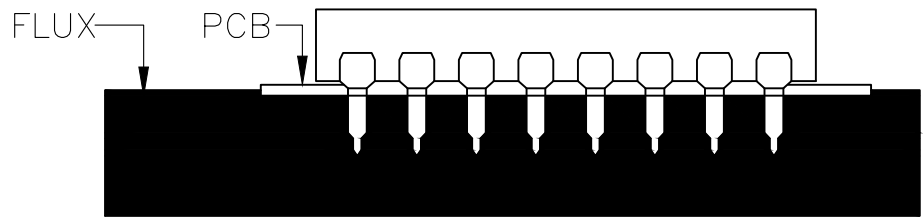
SOLDERING TEMPERATURE	MAX. 350°C.
CONTINUOUS SOLDERING TIME	MAX. 5 SECONDS.

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: 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.		DWN 29MAY2017 SHIVAKUMAR S S	TE Connectivity			
DIMENSIONS: mm[INCHES]		CHK 29MAY2017 ALEXANDER SHARPE				
		APVD 29MAY2017 ALEXANDER SHARPE	NAME TRI-STATE DIP SWITCHES			
		PRODUCT SPEC	-			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± -		APPLICATION SPEC	-			
		WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO C-2319747	RESTRICTED TO -
MATERIAL -		FINISH -	CUSTOMER DRAWING			
			SCALE 8:1	SHEET 4 OF 4	REV B	

Mouser Electronics

Authorized Distributor

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[1-2319747-7](#)