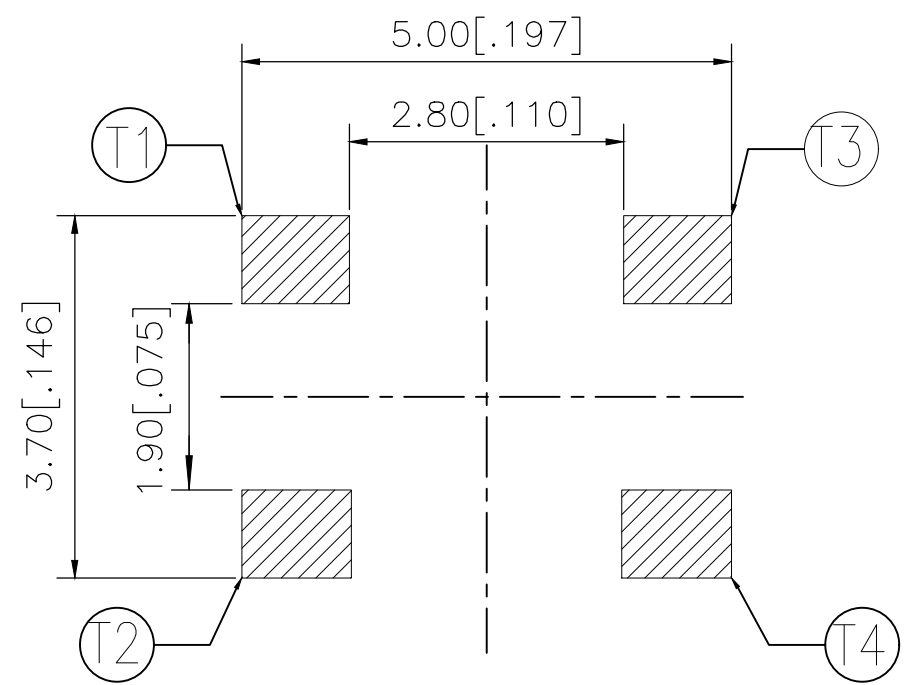
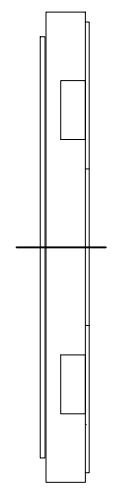
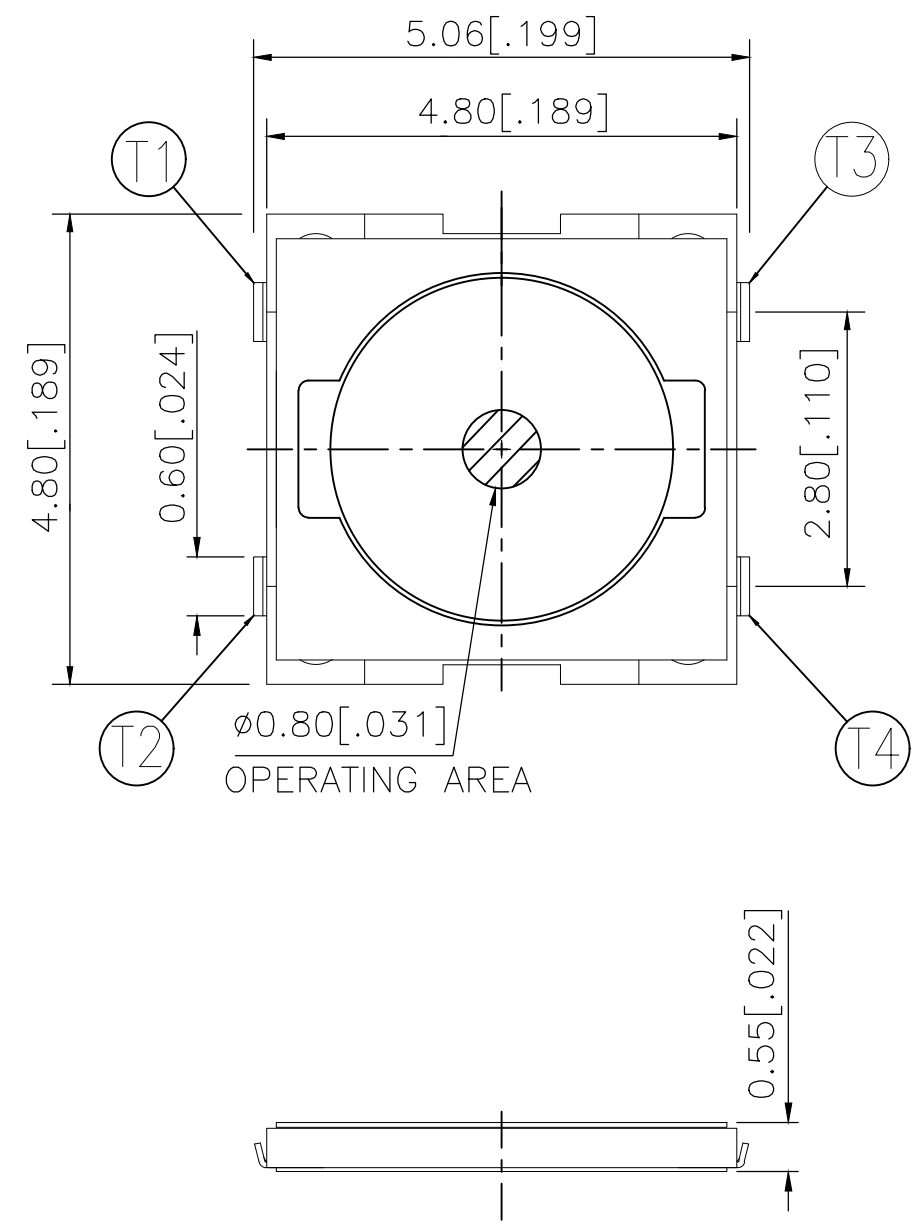
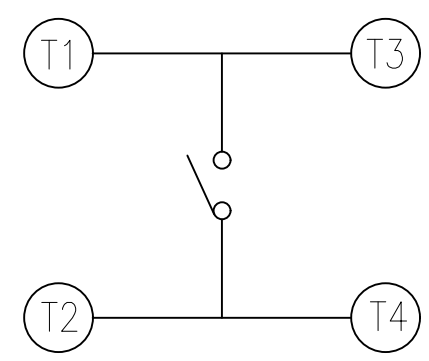


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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
1		NEW DRAWING	04JUL2018	GCM	AS



P.C.B. LAYOUT



CIRCUIT DIAGRAM

360±60	MCSLPT4848A5DTR	2337232-5
260±50	MCSLPT4848A4DTR	2337232-4
200±50	MCSLPT4848A3DTR	2337232-3
160±50	MCSLPT4848A2DTR	2337232-2
100±50	MCSLPT4848A1DTR	2337232-1
ACTUATION FORCE (gf)	SMART PART NUMBER	PART NUMBER

**PRELIMINARY**

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	04JUL2018						
		CHK	04JUL2018						
		APVD	04JUL2018						
		PRODUCT SPEC	ALEXANDER SHARPE						
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME					
		0 PLC ± -		SWITCH, TACTILE, LOW-PROFILE, MICRO-MINI,					
		1 PLC ± -		4.8 x 4.8 x 0.55, J BEND, 2.80 PITCH					
		2 PLC ± 0.2 [.008]		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
		3 PLC ± -		A3		00779	C-2337232	-	
4 PLC ± -		4 PLC ± -		APPLICATION SPEC		SCALE		SHEET	REV
ANGLES ± -		FINISH		CUSTOMER DRAWING		NTS		1 OF 3	1
MATERIAL		FINISH		WEIGHT		SCALE		SHEET	REV
-		-		-		NTS		1 OF 3	1

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

NOTES:

- MATERIALS:**  
 TERMINAL: COPPER ALLOY, SILVER OVER NICKEL FINISH  
 BASE: THERMOPLASTIC, BLACK  
 TAPE: POLYIMIDE  
 CONTACT: STAINLESS STEEL, SILVER OVER NICKEL FINISH
- COMPLIANCE:**  
 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)
- SPECIFICATIONS:**  
 RATING: 50 mA, 12V DC  
 CONTACT RESISTANCE: 100mΩ MAXIMUM (INITIAL)  
 INSULATION RESISTANCE: 100MΩ MINIMUM (INITIAL)  
 DIELECTRIC STRENGTH: 100 V AC, 1 MINUTE  
 OPERATING LIFE: 2337232-1 (100gf) = 1,000,000 CYCLES WITH LOAD  
                   2337232-2 (160gf) = 1,000,000 CYCLES WITH LOAD  
                   2337232-3 (200gf) = 500,000 CYCLES WITH LOAD  
                   2337232-4 (260gf) = 500,000 CYCLES WITH LOAD  
                   2337232-5 (360gf) = 200,000 CYCLES WITH LOAD  
 TRAVEL: 0.2±0.1 [.008±.004]  
 ACTUATION FORCE: 2337232-1 = 100±50gf  
                   2337232-2 = 160±50gf  
                   2337232-3 = 200±50gf  
                   2337232-4 = 260±50gf  
                   2337232-5 = 360±60gf  
 OPERATING TEMPERATURE: -30° TO 80°C  
 STORAGE TEMPERATURE: -40° TO 85°C

MANUAL SOLDERING:

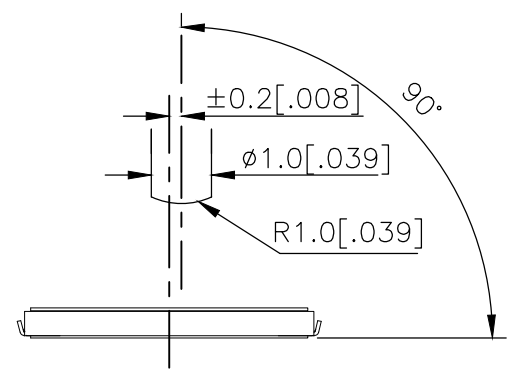
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

HANDLING PRECAUTIONS:

- CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE TOP SURFACE OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.
- DO NOT WASH THE SWITCH

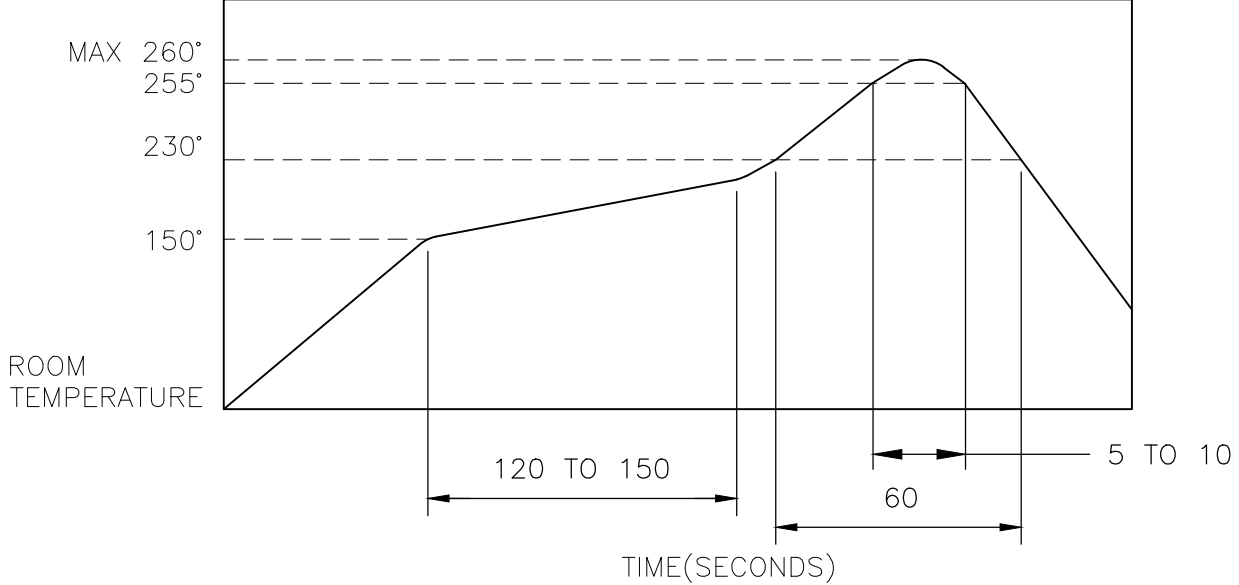
5. OPERATING PRECAUTIONS:

- DO NOT ACTUATE THE SWITCH WITH EXCESSIVE FORCE
- DISCONTINUE FORCE AFTER THE SWITCH HAS BEEN ACTUATED SO AS TO AVOID DEFORMATION OF THE COMPONENTS OF THE SWITCH. DEFORMATION OF THE COMPONENTS MAY CAUSE THE SWITCH TO MALFUNCTION.
- ALIGN THE PLUNGER WITH THE SWITCH TO INSURE PROPER OPERATION



4. SOLDER CONDITIONS :

SMT:



THE CONDITON NOTED ABOVE IS THE TEMPERATURE OF THE COPPER FOIL ON THE SURFACE OF THE PCB. THERE ARE CASES WHERE THE TEMPERATURE OF THE BOARD GREATLY DIFFERS FROM THE SURFACE OF THE SWITCH. DO NOT ALLOW THE SURFACE TEMPERATURE OF THE SWITCH TO EXCEED 260°C.

6. STORAGE CONDITIONS:

- AVOID THE FOLLOWING AS EXPOSURE MAY AFFECT THE PERFORMANCE AND/OR THE SOLDERABILITY OF THE SWITCH:
- TEMPERATURE OF -10° TO 40°C AND 85% HUMIDITY
  - EXPOSURE TO CORROSIVE GAS
  - STORAGE OVER 6 MONTHS
  - EXPOSURE TO DIRECT SUNLIGHT
- STORAGE CONDITIONS SHOULD PREVENT HEAVY IMPACT OR LOADING  
 AFTER OPENING THE PACKAGE, UNUSED SWITCHES MUST BE REPACKAGED IN A MOISTURE-PROOF AND AIRTIGHT ENVIRONMENT.

**PRELIMINARY**

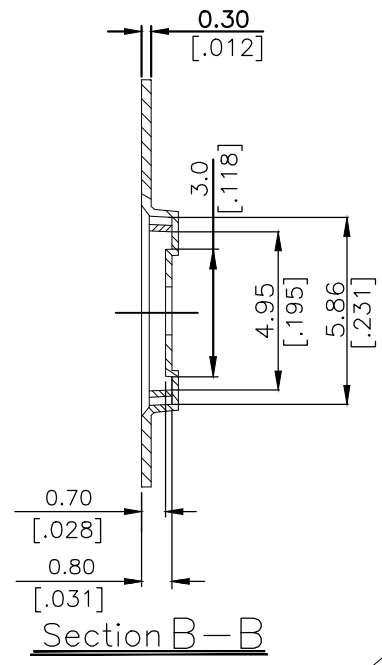
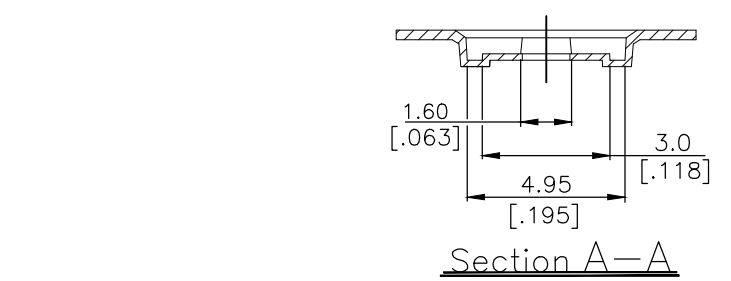
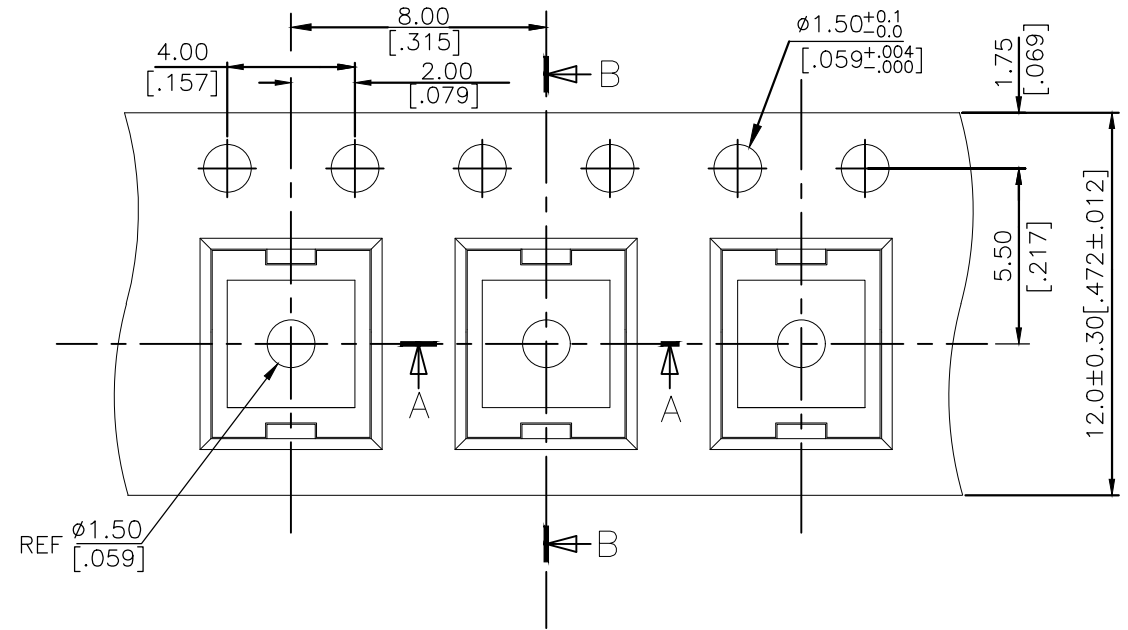
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 04JUL2018 GANESH C M	TE Connectivity Ltd.		
DIMENSIONS: mm [INCHES]		CHK 04JUL2018 ALEXANDER SHARPE			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 04JUL2018 ALEXANDER SHARPE	NAME SWITCH, TACTILE, LOW-PROFILE, MICRO-MINI, 4.8 x 4.8 x 0.55, J BEND, 2.80 PITCH		
0 PLC ± - 1 PLC ± - 2 PLC ± 0.2 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± ± -		PRODUCT SPEC -	SIZE CAGE CODE DRAWING NO RESTRICTED TO A3 00779 C-2337232 -		
MATERIAL FINISH		APPLICATION SPEC -	WEIGHT		
-		CUSTOMER DRAWING		SCALE NTS	SHEET 2 of 3 REV 1

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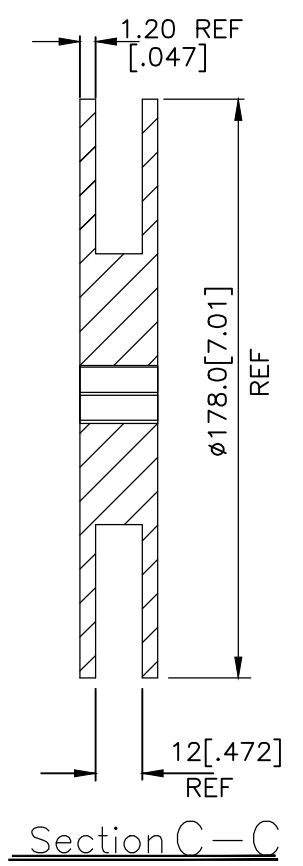
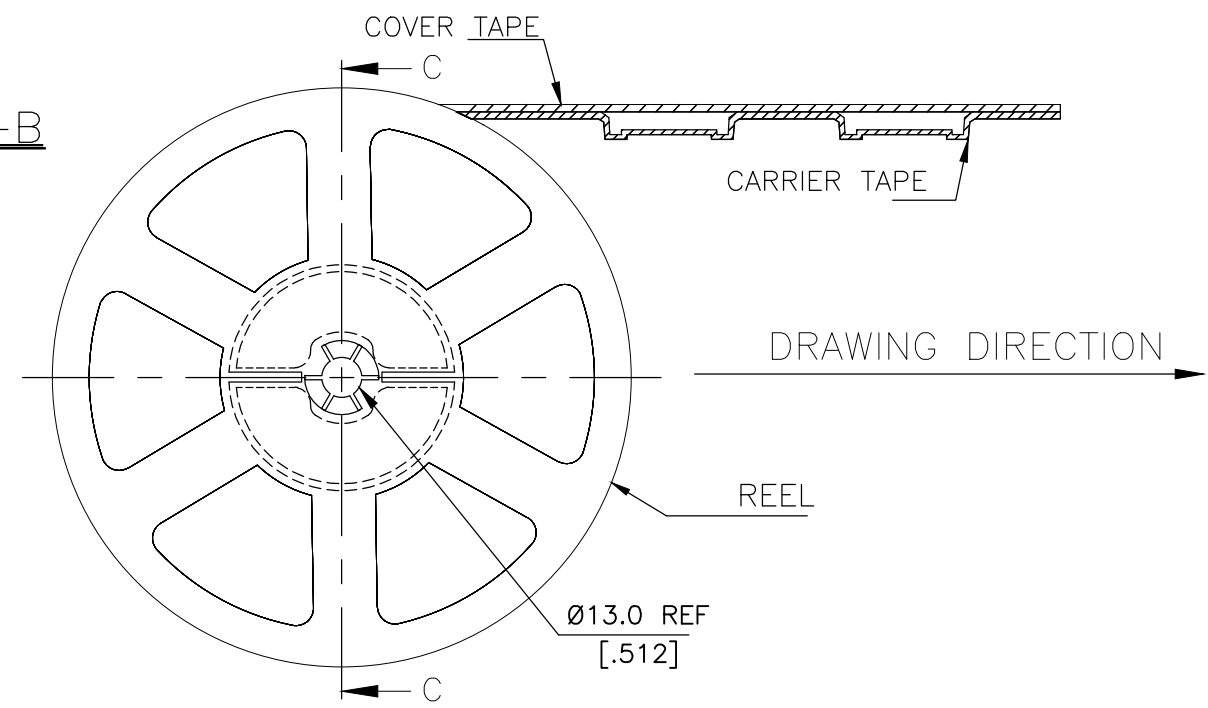
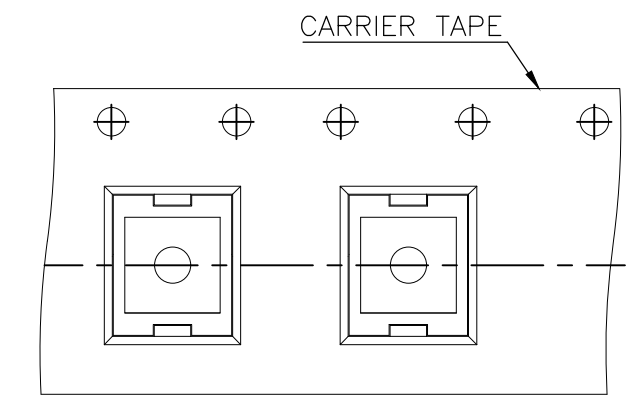
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

PACKAGING:  
2,500 SWITCHES PER REEL

THE DIMENSIONS OF CARRIER TAPE AND REEL



ORIENTATION OF PILOT HOLES



**PRELIMINARY**

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GANESH C M 04JUL2018	TE Connectivity Ltd.		
DIMENSIONS: mm [INCHES]		CHK ALEXANDER SHARPE 04JUL2018			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ALEXANDER SHARPE 04JUL2018	PRODUCT SPEC		
0 PLC ± - 1 PLC ± - 2 PLC ± 0.2 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± -		APPLICATION SPEC	SIZE A3 CAGE CODE 00779 DRAWING NO C-2337232 RESTRICTED TO -		
MATERIAL -		FINISH -	WEIGHT		
		CUSTOMER DRAWING		SCALE NTS	SHEET 3 OF 3 REV 1



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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