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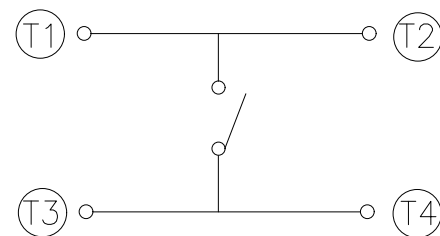
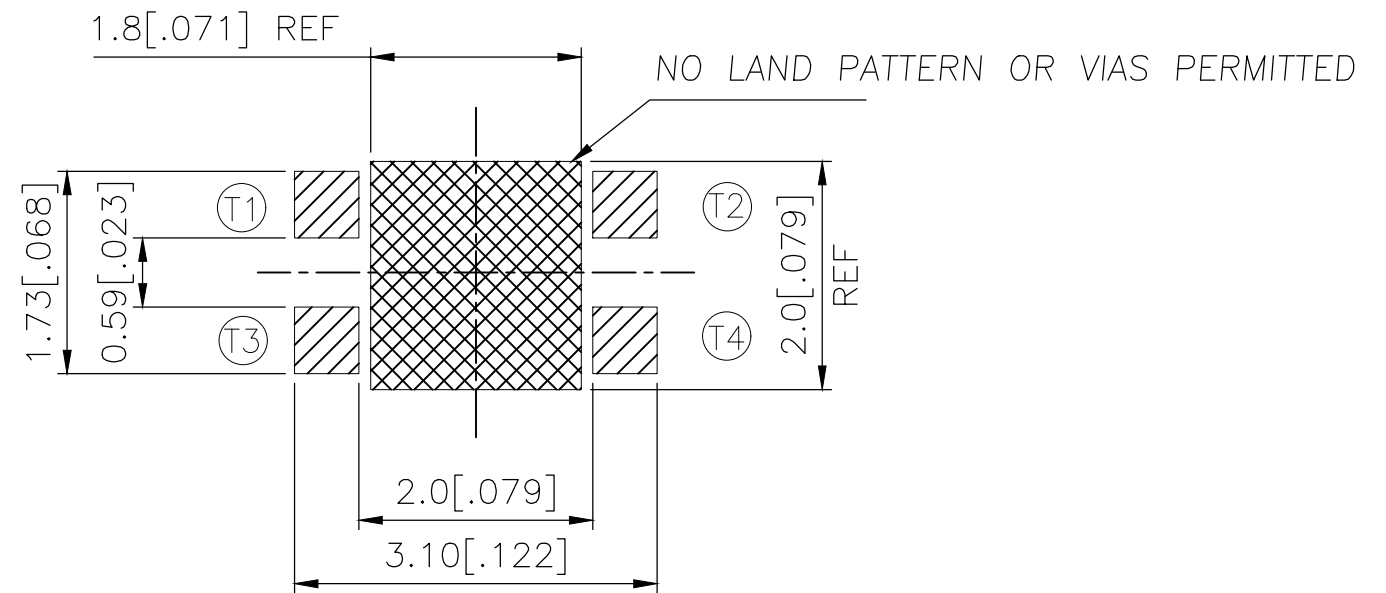
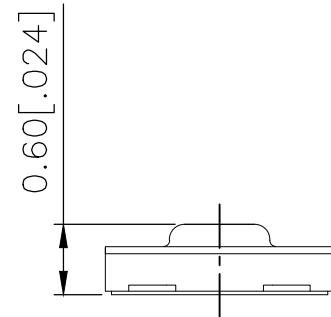
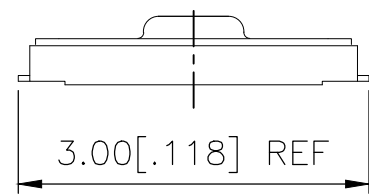
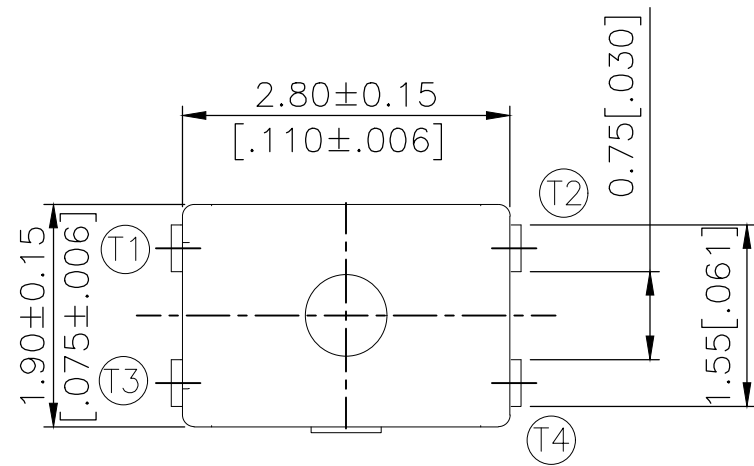
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P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECR-19-004770	10APR2019	SR	DD



CIRCUIT DIAGRAM

P.C.B LAYOUT

200±50	USLPT2819DT4TR	2337225-2
160±50	USLPT2819DT2TR	2337225-1
ACTUATION FORCE (gf)	SMART PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GANESH C M 04JUL2018	 TE Connectivity Ltd. SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 2.8 x 1.9 x 0.6, TAB											
DIMENSIONS: mm [INCHES]		CHK ALEXANDER SHARPE 04JUL2018												
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ALEXANDER SHARPE 04JUL2018												
<table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± 0.1 [.004]</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table>		0 PLC			± -	1 PLC	± -	2 PLC	± 0.1 [.004]	3 PLC	± -	4 PLC	± -	ANGLES
0 PLC	± -													
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2 PLC	± 0.1 [.004]													
3 PLC	± -													
4 PLC	± -													
ANGLES	± -													
MATERIAL -	FINISH -	APPLICATION SPEC -	NAME	RESTRICTED TO -										
		WEIGHT	SIZE A3	CAGE CODE 00779										
		CUSTOMER DRAWING	DRAWING NO C-2337225	SCALE NTS										
			SHEET 1 of 3	REV B										

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-	-	SEE SHEET 1	-	-	-

NOTES:

1. MATERIALS:

TERMINAL: COPPER ALLOY, SILVER OVER NICKEL FINISH
 BASE: THERMOPLASTIC, BLACK
 TAPE: POLYIMIDE
 ACTUATOR: POLYIMIDE
 CONTACT: STAINLESS STEEL, SILVER OVER NICKEL FINISH

2. COMPLIANCE:

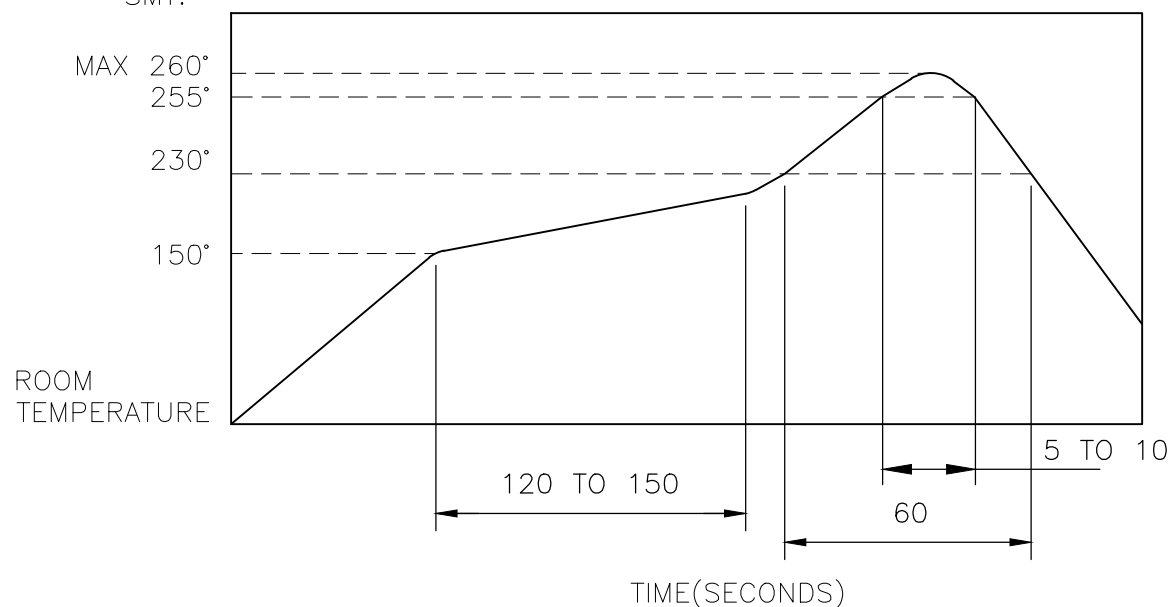
ALL MATERIALS AND FINISHES SHALL COMPLY WITH
 EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

3. SPECIFICATIONS:

RATING: 10 μ A, 1V DC MINIMUM TO 50 mA, 12V DC MAXIMUM
 CONTACT RESISTANCE: 500m Ω MAXIMUM (INITIAL)
 INSULATION RESISTANCE: 100M Ω MINIMUM (INITIAL)
 DIELECTRIC STRENGTH: 100V AC, 1 MINUTE
 OPERATING LIFE: 2337225-1 = 300,000 CYCLES WITH LOAD
 2337225-2 = 150,000 CYCLES WITH LOAD
 TRAVEL: 0.13 \pm 0.05 [.005 \pm .002]
 ACTUATION FORCE: 2337225-1 = 160 \pm 50gf
 2337225-2 = 200 \pm 50gf
 OPERATING TEMPERATURE: -40° TO 85°C
 STORAGE TEMPERATURE: -40° TO 85°C

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.

MANUAL SOLDERING:

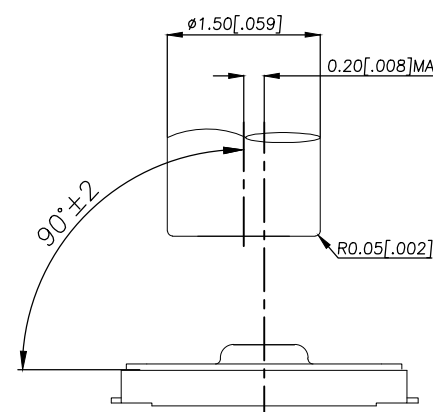
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

HANDLING PRECAUTIONS:

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



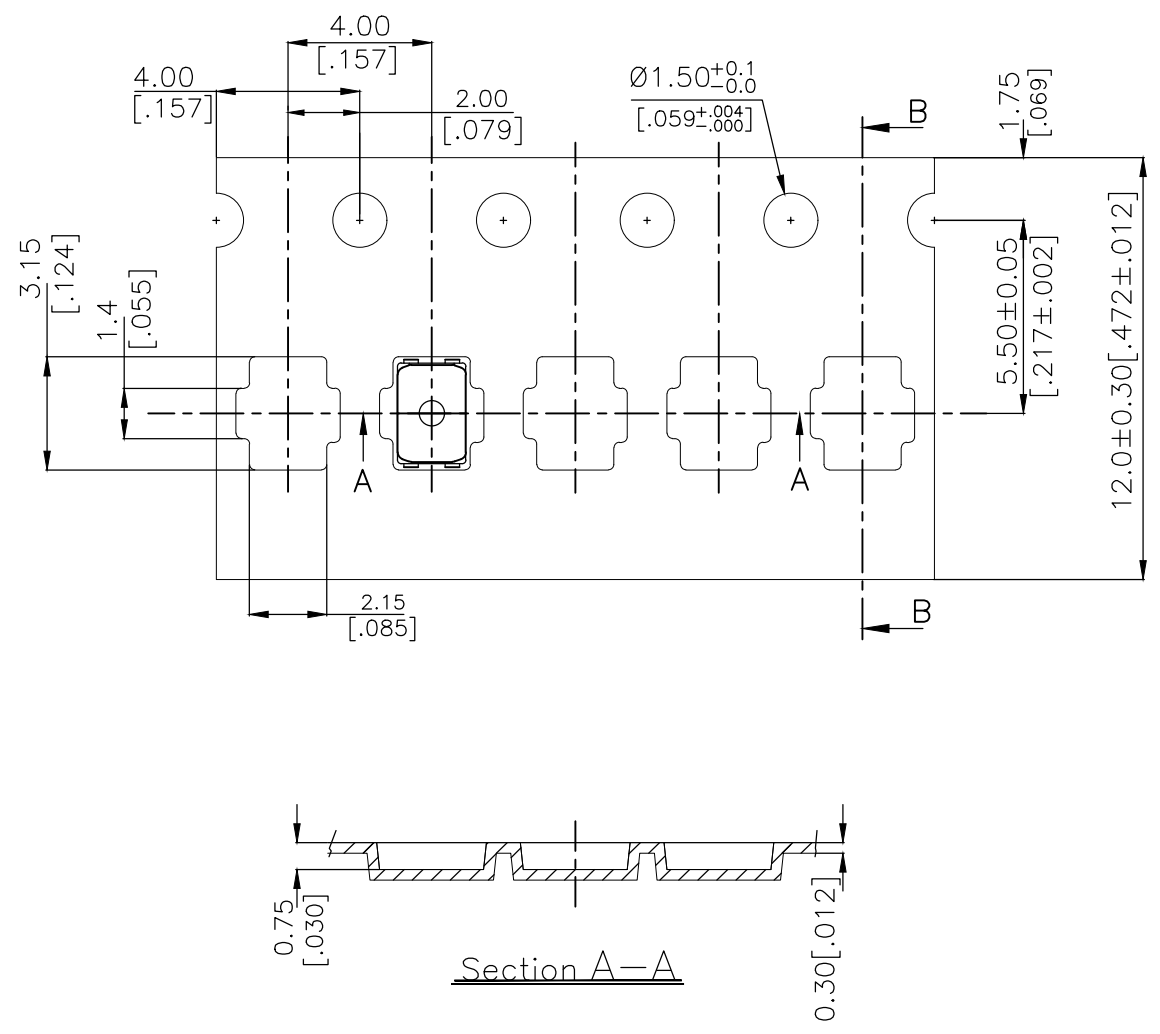
RECOMMENDED OPERATING CONDITIONS

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DIMENSIONS: mm [INCHES]		CHK	ALEXANDER SHARPE		04JUL2018		
		APVD	ALEXANDER SHARPE		04JUL2018	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		-		SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 2.8 x 1.9 x 0.6, TAB	
0 PLC \pm -		APPLICATION SPEC		-		SIZE	
1 PLC \pm -		WEIGHT		-		CAGE CODE	
2 PLC \pm 0.1 [.004]		CUSTOMER DRAWING		-		DRAWING NO	
3 PLC \pm -		SCALE		NTS		SHEET	
4 PLC \pm -		RESTRICTED TO		-		2 OF 3	
ANGLES \pm -		REV		B		-	
MATERIAL		FINISH		-		-	
-		-		-		-	

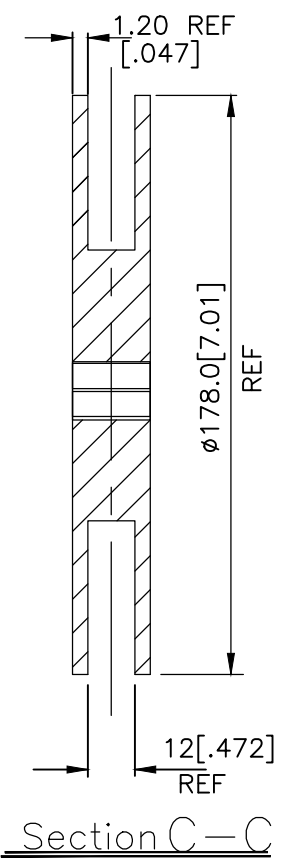
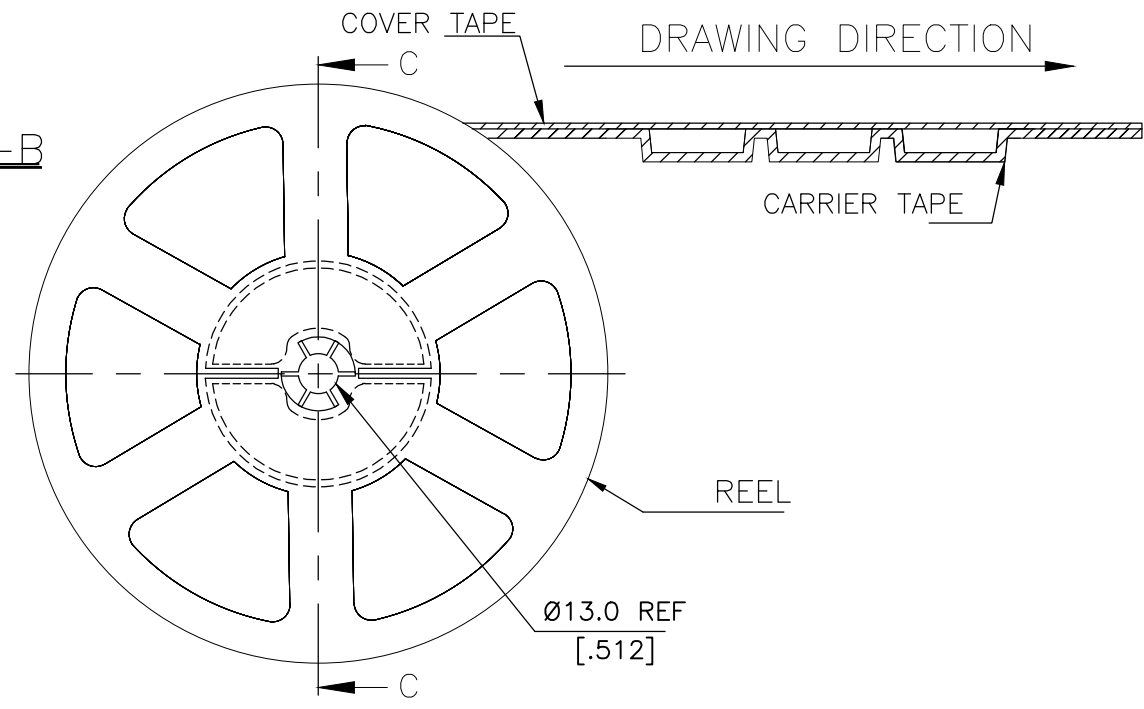
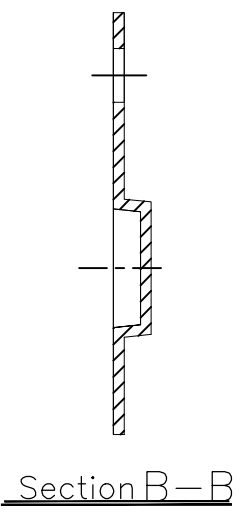
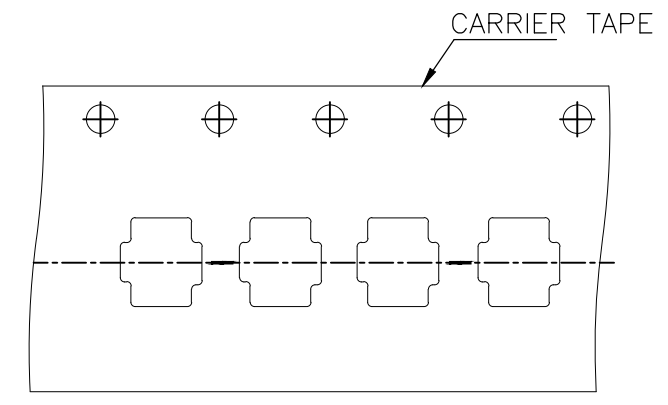
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-	-	SEE SHEET 1	-	-	-

THE DIMENSIONS OF CARRIER TAPE AND REEL



ORIENTATION OF PILOT HOLES



6. PACKAGING:
1. THE TAPE AND REEL ARE SHOWN FOR CUSTOMER APPLICATION REFERENCE. PACKAGING NOTES 3 AND 4 ARE REQUIRED BUT NOT ILLUSTRATED.
 2. 5,500 SWITCHES PER REEL.
 3. THE REEL, DESICCANT POUCH AND HUMIDITY CARD ARE SEALED IN A MOISTURE BARRIER BAG PER THE CURRENT REVISION OF IPC/JEDEC J-STD-033, MSL 2A REQUIREMENTS.
 4. THE MOISTURE BARRIER BAG IS LABELED PER THE CURRENT REVISION OF IPC/JEDEC J-STD-033, MSL 2A REQUIREMENTS.

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DIMENSIONS: mm [INCHES]		CHK ALEXANDER SHARPE 04JUL2018					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ALEXANDER SHARPE 04JUL2018	NAME SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 2.8 x 1.9 x 0.6, TAB				
0 PLC ± - 1 PLC ± - 2 PLC ± 0.1 [.004] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC -	APPLICATION SPEC -				
MATERIAL -		FINISH -	WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2337225	RESTRICTED TO -
CUSTOMER DRAWING			SCALE NTS	SHEET 3 OF 3	REV B		



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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.