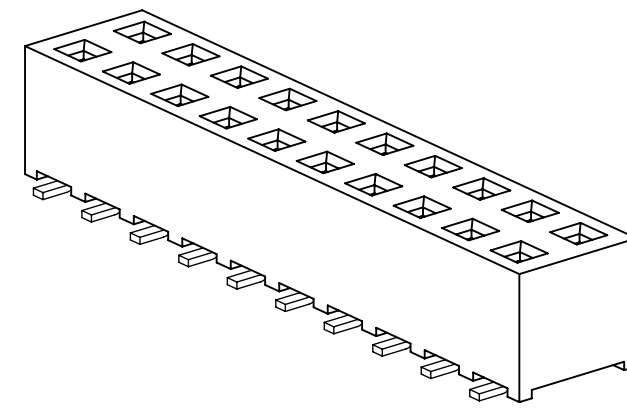


3M™ THROUGH-BOARD SOCKET, 96X SERIES
2.54MM X 2.54MM, LOW PROFILE SURFACE MOUNT



DUAL ROW, LOW PROFILE
SURFACE MOUNT VERSION
4.57MM TALL BODY
"9662XX"

- NOTES
- MATERIAL:
PLASTIC: HIGH TEMP LCP, UL94V-0
CONTACT: COPPER ALLOY.
 - REGULATORY INFORMATION:
ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY).
 - IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
 - N = THE NUMBER OF CONTACTS.

3 PHYSICAL :

INSULATOR: HIGH TEMP THERMOPLASTIC
MATERIAL: HIGH TEMP THERMOPLASTIC
FLAMMABILITY: UL94V-0
COLOR: BLACK
CONTACT: COPPER ALLOY
MATERIAL: COPPER ALLOY
PLATING: NICKEL-OVERALL
UNDER PLATING: 1.27-2.54µm [50-100µ"]
WIPING AREA: GOLD FLASH
SOLDER TAILS: 1-3µm [40-118µ"] MATTE TIN

3 ELECTRICAL :

CURRENT RATING: 3A
INSULATION RESISTANCE: >5 X 10⁸ OHm AT 100V_{DC}
WITHSTANDING VOLTAGE: 1000V_{AC} AT 60s

3 MECHANICAL :

INSERTION FORCE: ≤ 3N PER PIN
EXTRACTION FORCE: ≥ 0.3N PER PIN
RETENTION FORCE: ≥ 7N PER PIN

3 ENVIRONMENTAL :

TEMPERATURE RATING: -55°C TO 125°C
PROCESSING TEMPERATURE: MAX. 260°C (PROFILE PER J-STD-020C)
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C)

3 PACKING & STORING :

METHOD OF PACKING: TAPE AND REEL, OUTER BOX
STORING CONDITION: TEMPERATURE OF -10°C TO 40°C
BELOW 80% RELATIVE HUMIDITY

3M™ ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING
INFORMATION CALL 800-225-5373

DIMENSIONS: MM [INCH]

MM [INCH]		
TOLERANCE - UNLESS NOTED		
	X.	.X
MM	±.5	±.20
[INCH]	±.02	±.008
[] = DIM. FOR REFERENCE ONLY		

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD																		
CODES				CASTIGLIONE	JAN 12, 2015	MFG																		
DIVISION	DIVISION CODE	CHKD	DATE	APPRV	DATE																			
	EMSD		JAN 12, 2015	T. SUNIGA	JAN 12, 2015																			
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED																						
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	<table border="1"> <tr> <th>TOLERANCES EXCEPT AS NOTED</th> <th>TOLERANCES EXCEPT AS NOTED</th> </tr> <tr> <td>INCHES</td> <td>MILLIMETERS</td> </tr> <tr> <td>.00 ±</td> <td>0 ±</td> </tr> <tr> <td>.000 ±</td> <td>.000 ±</td> </tr> <tr> <td>.0000 ±</td> <td>.000 ±</td> </tr> <tr> <td>0 ±</td> <td>0 ±</td> </tr> <tr> <td>.0 ±</td> <td>.000 ±</td> </tr> <tr> <td>.00 ±</td> <td>.000 ±</td> </tr> <tr> <td>.000 ±</td> <td>.000 ±</td> </tr> </table>		TOLERANCES EXCEPT AS NOTED	TOLERANCES EXCEPT AS NOTED	INCHES	MILLIMETERS	.00 ±	0 ±	.000 ±	.000 ±	.0000 ±	.000 ±	0 ±	0 ±	.0 ±	.000 ±	.00 ±	.000 ±	.000 ±	.000 ±	© 3M COPYR[IGHT] 2017 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		
TOLERANCES EXCEPT AS NOTED	TOLERANCES EXCEPT AS NOTED																							
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MAX SURFACE ROUGHNESS	DT SURFACES	<table border="1"> <tr> <th>CAGE NUMBER</th> <th>SIZE</th> <th>DRAWING NO.</th> <th>REV.</th> </tr> <tr> <td>D</td> <td>96XX</td> <td>78-5100-2652-5</td> <td>A</td> </tr> </table>		CAGE NUMBER	SIZE	DRAWING NO.	REV.	D	96XX	78-5100-2652-5	A	TITLE THRU-BOARD SKT, 2.54MM X 2.54MM, SURFACE MOUNT												
CAGE NUMBER	SIZE	DRAWING NO.	REV.																					
D	96XX	78-5100-2652-5	A																					
<input checked="" type="checkbox"/> MARKED ONLY	ANGLES	MODEL 96XX		DET [] YES [X] NO [] SHT 1 OF 3																				

REVISION A
 DRAWING NUMBER 78-5100-2652-5
 DATE 3/6/2017 2:46 PM UTC-06:00

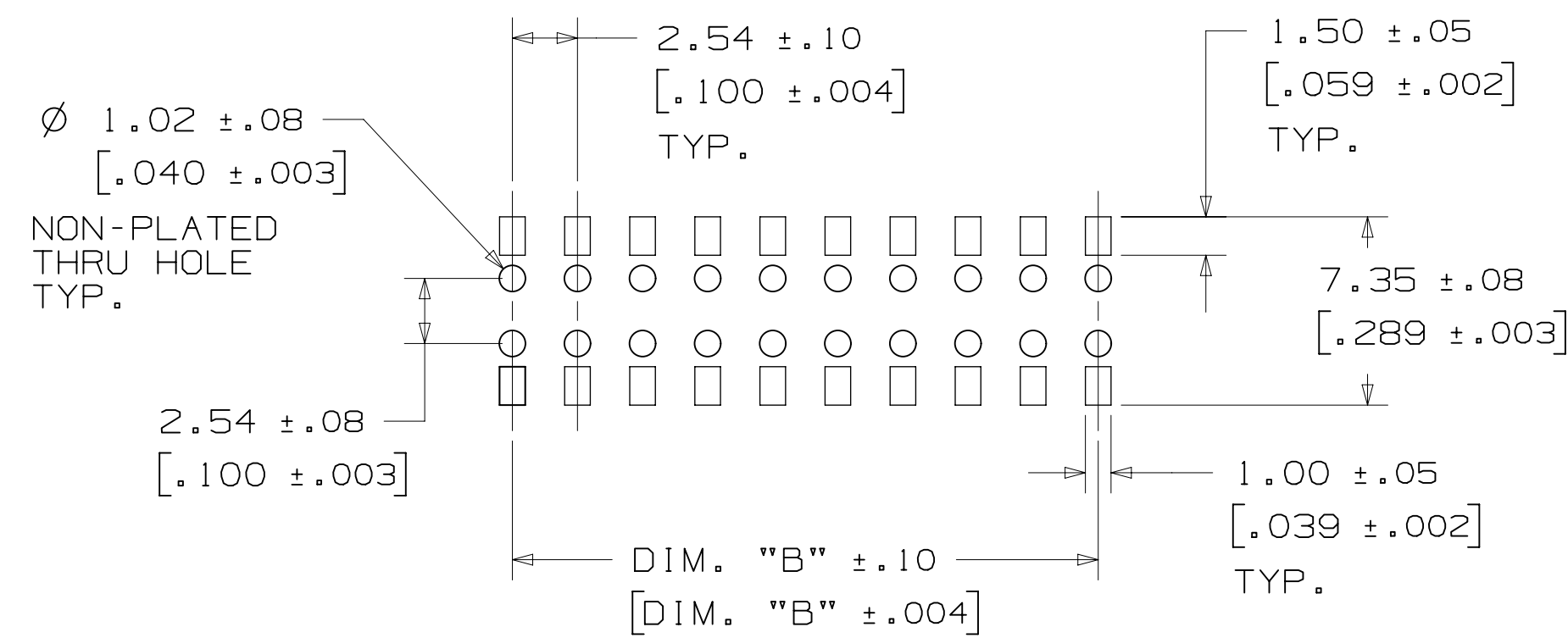
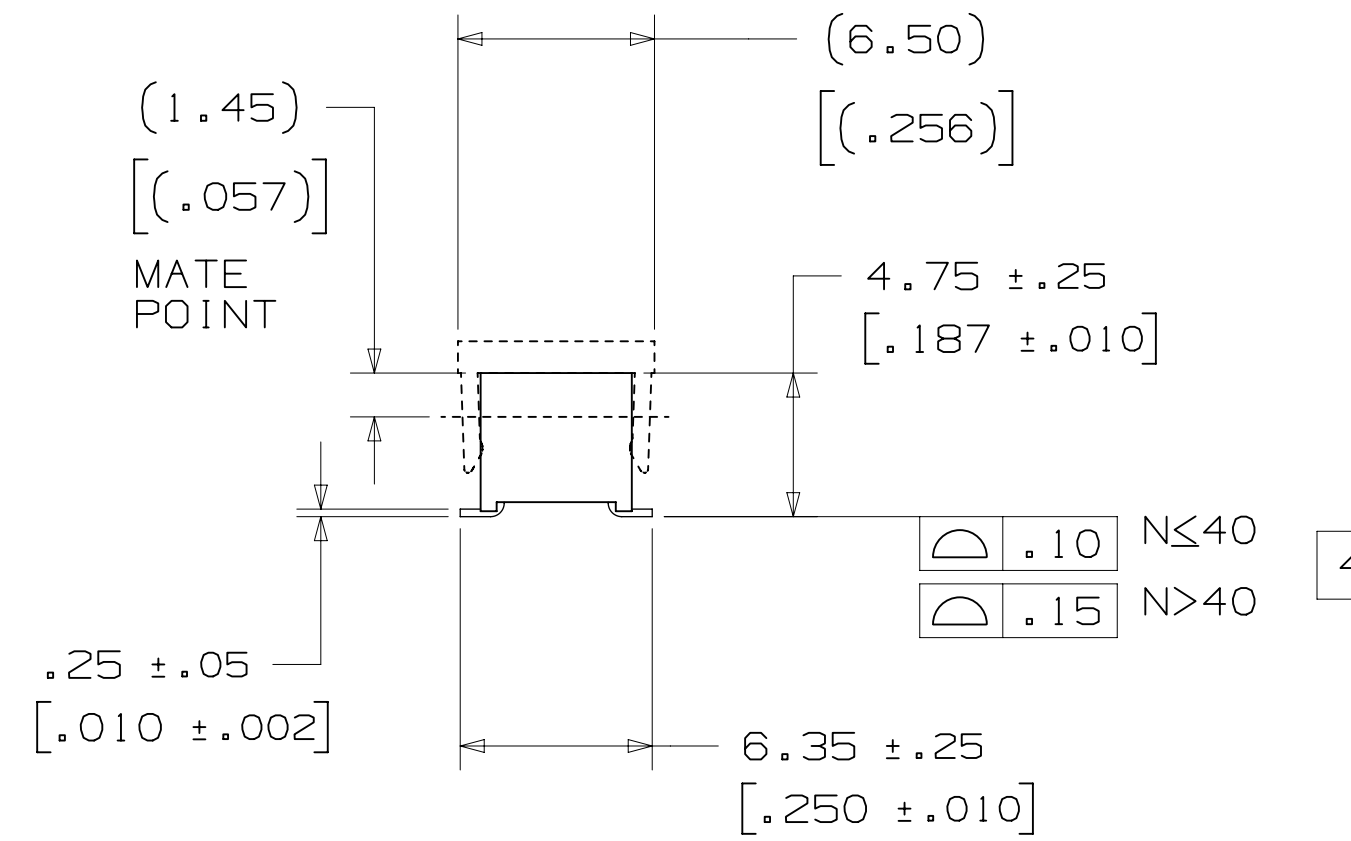
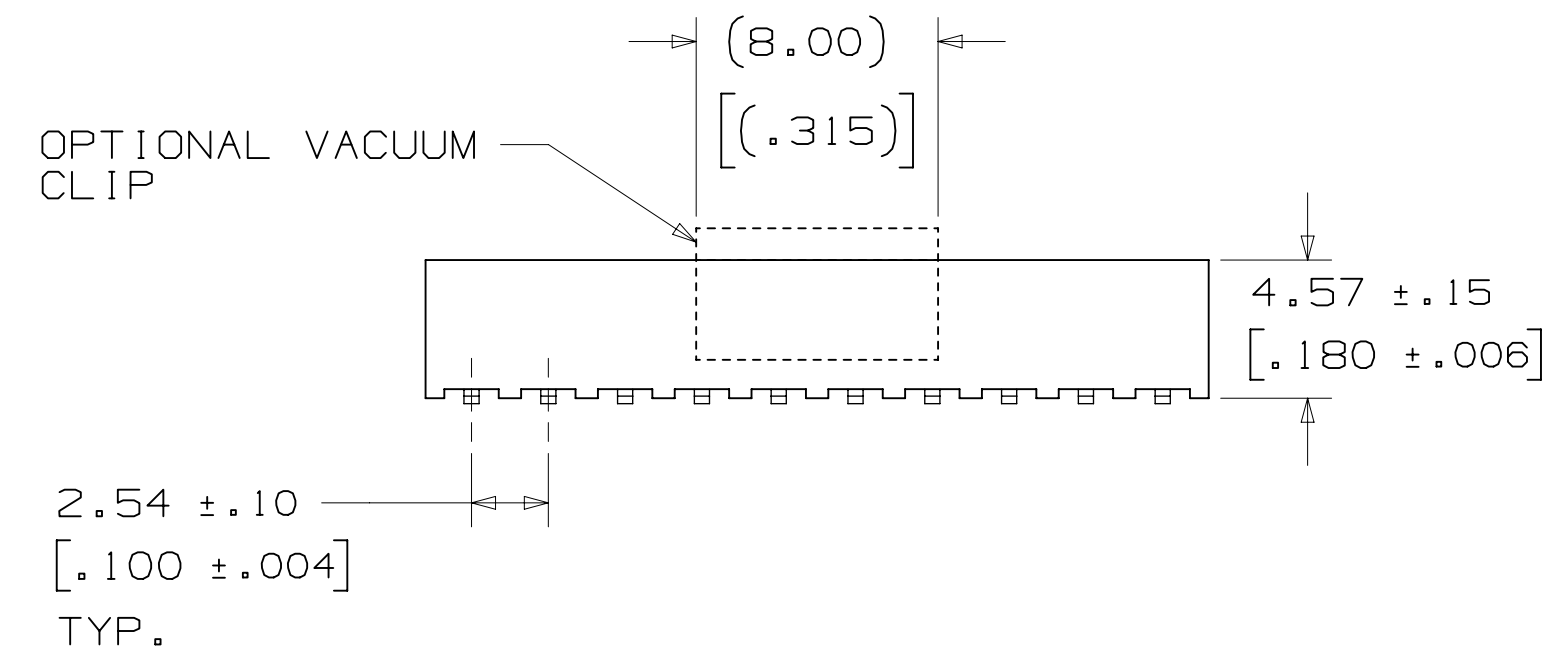
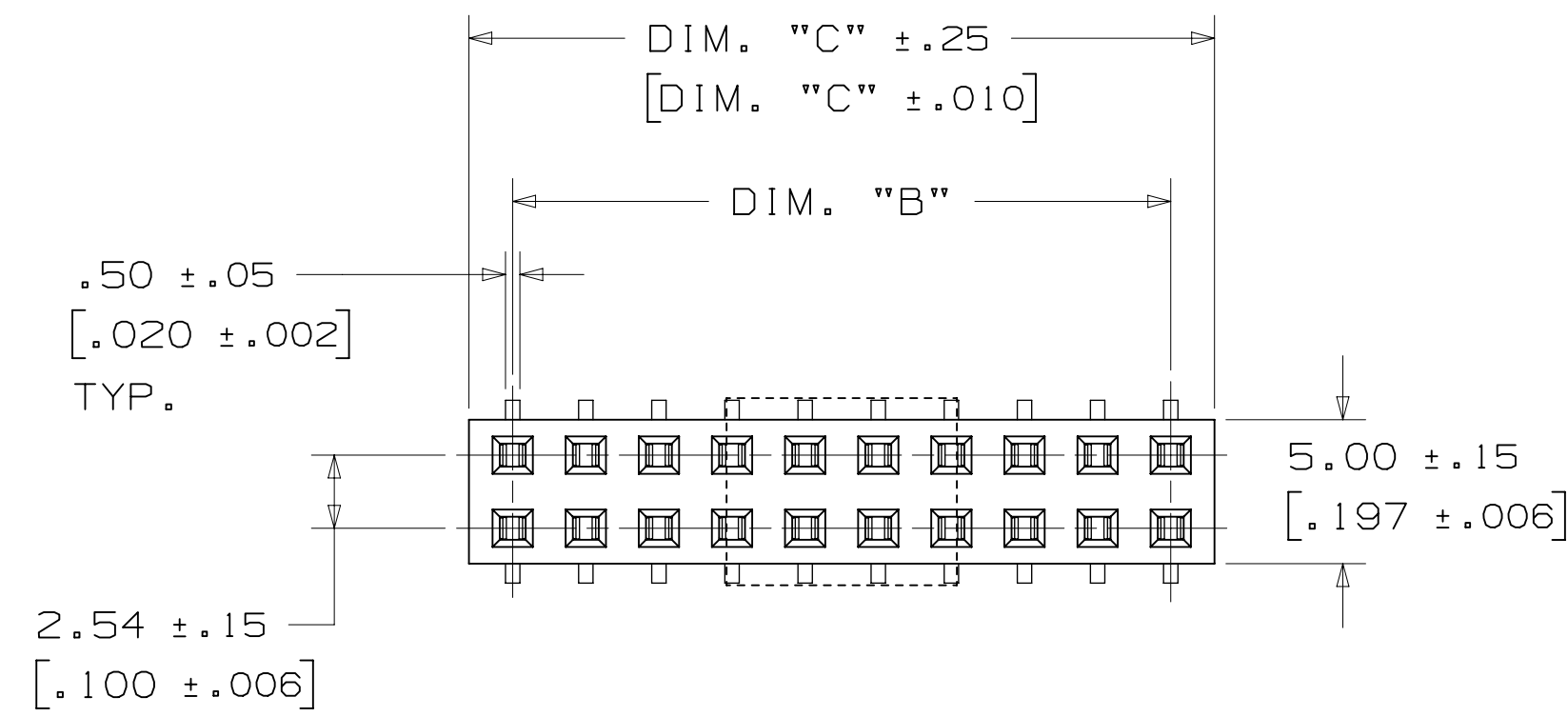
3M™ THROUGH-BOARD SOCKET, 96X SERIES
2.54MM X 2.54MM, LOW PROFILE SURFACE MOUNT

ORDERING INFORMATION
9662XX-2000-AR-XX

CONTACT QUANTITY:
04-60

PACKAGING:
TP = TUBE WITHOUT CLIP (04 TO 60 POS)
PT = TUBE WITH CLIP (10 TO 60 POS)
PR = TAPE AND REEL WITH CLIP (10 TO 60 POS)

PLATING:
AR = 1.27µM [50µIN] MIN. NICKEL ALL OVER
WIPING AREA: GOLD FLASH
SOLDER TAIL AREA: 1-3µM [40-118µIN] MIN. MATTE TIN



RECOMMENDED PC BOARD LAYOUT
(VIEWED FROM COMPONENT SIDE)

DIM. "A"	2.54 [.100] X (N/2)
DIM. "B"	2.54 [.100] X (N/2-1)
DIM. "C"	2.54 [.100] X (N/2) +.50
SEE NOTE 3	

CONTACT QTY.	10	12-16	18-24	26-34	36-44	46-56	58-60
TAPE WIDTH [MM]	24	32	44	56	72	88	104

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ISSUE CODES		CASTIGLIONE		JAN 12, 2015		
DIVISION	DIVISION CODE	DATE	DATE	DATE	DATE	DATE
	EMSD					
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION		TINCHES	© 3M COPYRIGHT 2017 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS	TITLE THRU-BOARD SKT, 2.54MM X 2.54MM, SURFACE MOUNT			
MAX SURFACE ROUGHNESS		0	CAGE NUMBER D 78-5100-2652-5			
MARKED SURFACES		0	MODEL 96XX			
MARKED ONLY		0	REV. A			
		0	DET. YES NO SHT 2 OF 3			

78-5100-2652-5 DRAWING NUMBER
A REVISION
A.7 3/6/2017 2:46 PM UTC-06:00



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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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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