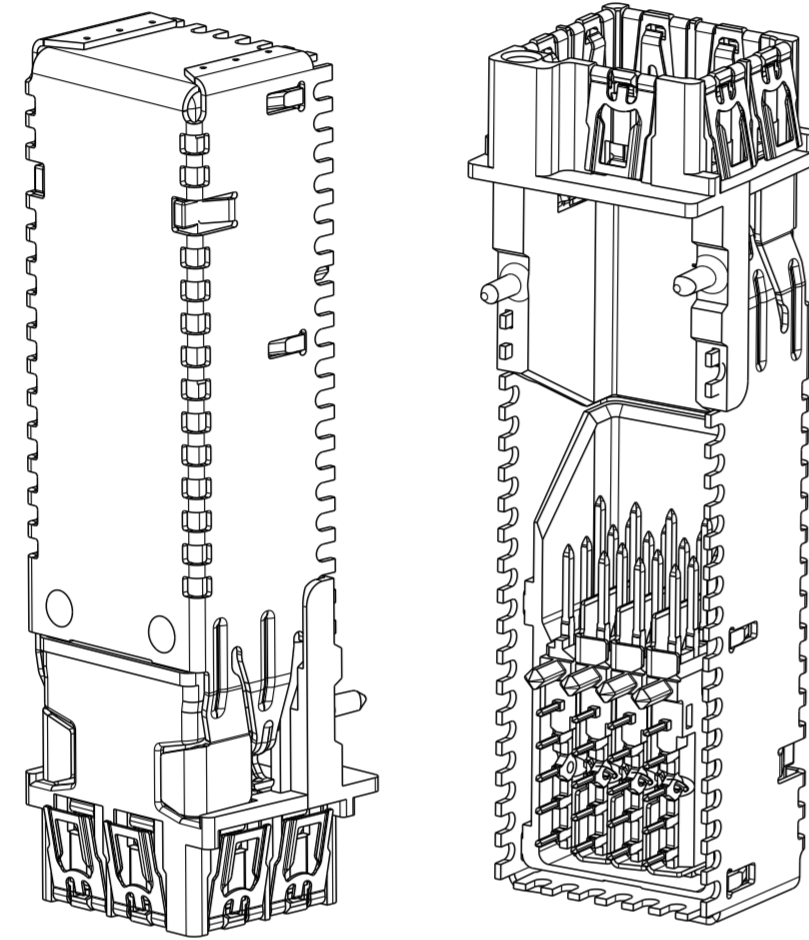
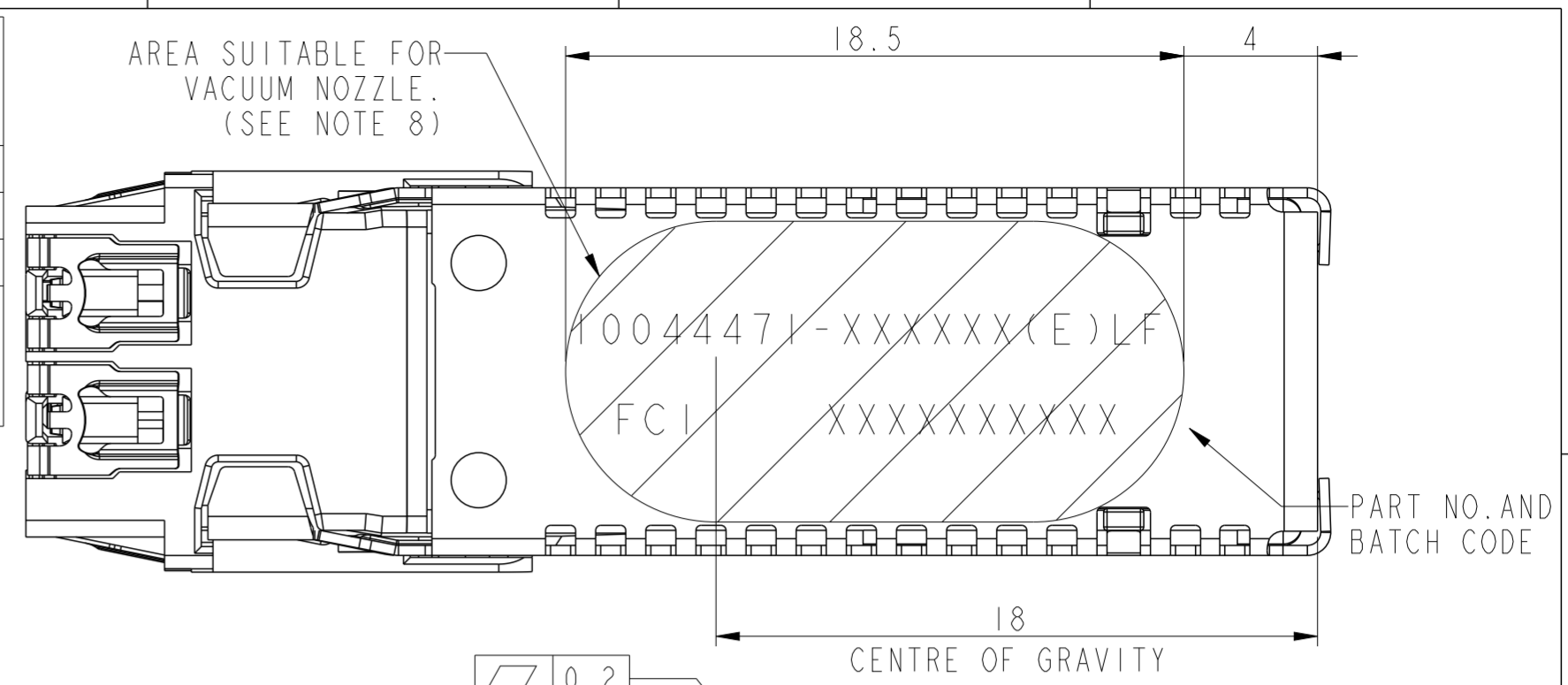
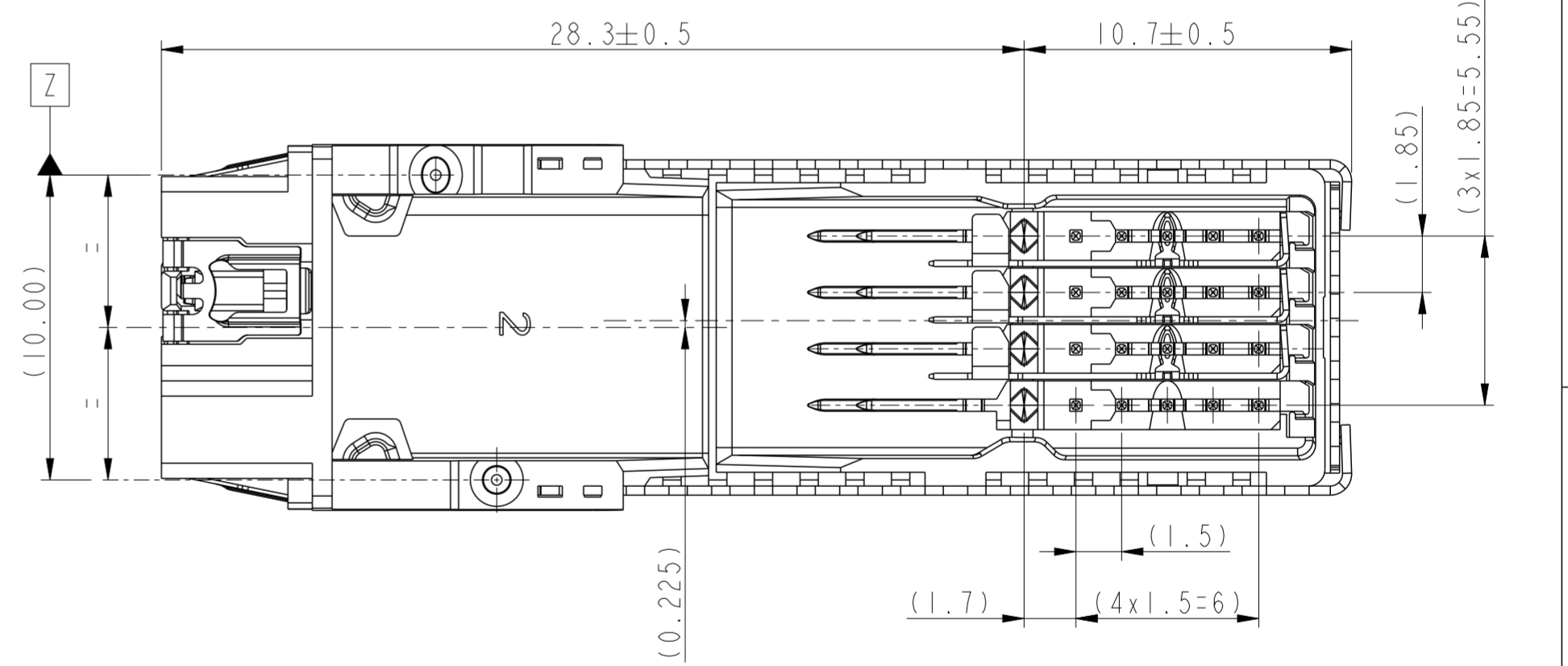
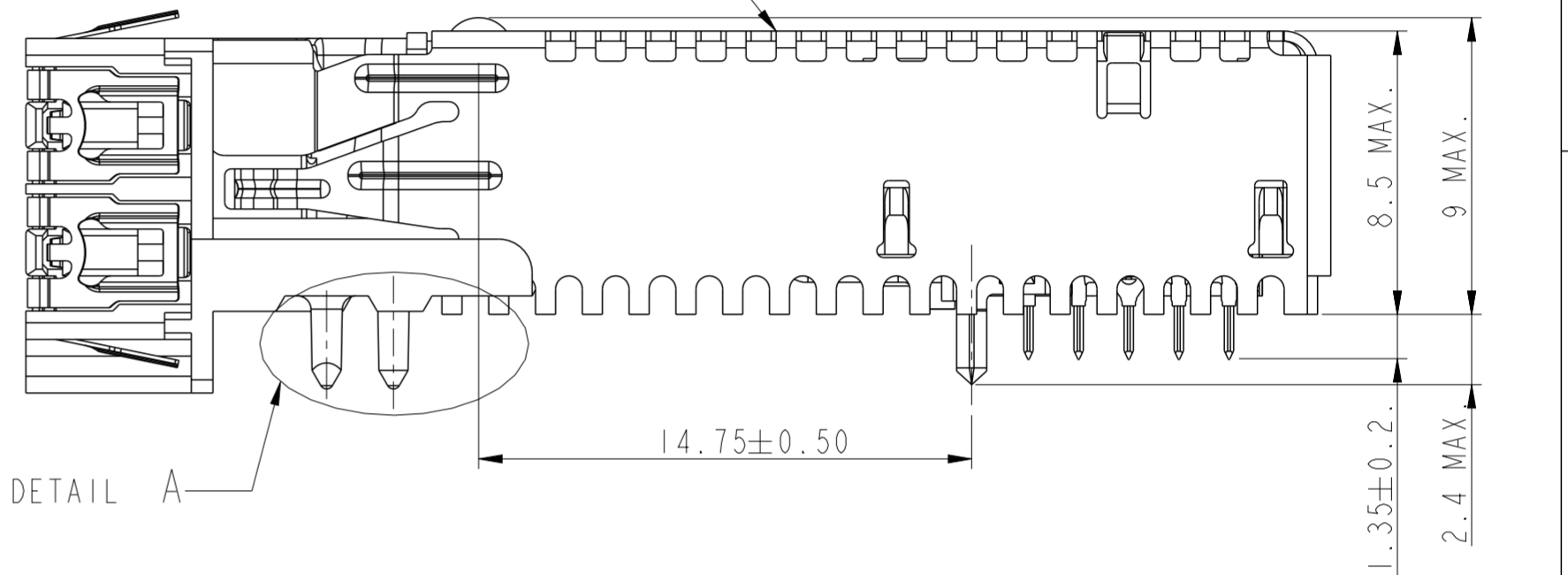
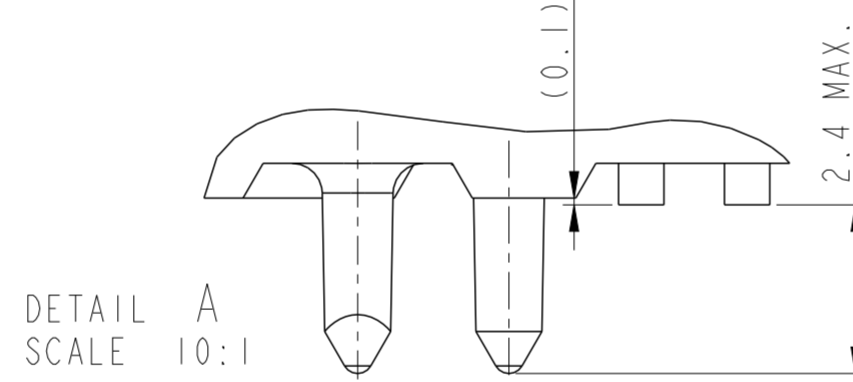
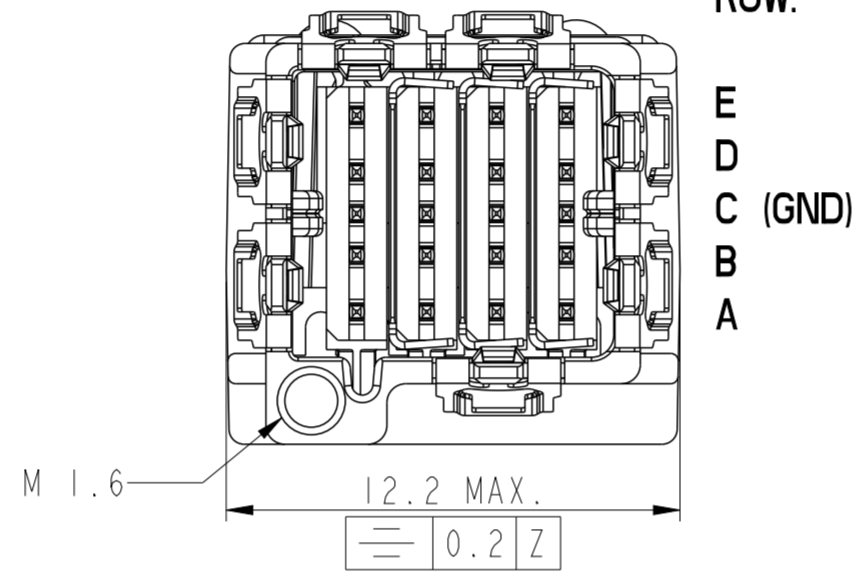


PART NUMBERING	LOADING PATTERN				PACKAGING (SEE NOTE 6)	REMARK
	COLUMN 1 (NOTE 4)	COLUMN 2	COLUMN 3	COLUMN 4		
10044471-120200LF	UNSHIELDED IMLA	EMPTY	UNSHIELDED IMLA	EMPTY	TAPE ON REEL	
10044471-122220LF	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	TAPE ON REEL	
10044471-121110LF	UNSHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	TAPE ON REEL	
10044471-120200ELF	UNSHIELDED IMLA	EMPTY	UNSHIELDED IMLA	EMPTY	TAPE ON REEL	
10044471-122220ELF	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	TAPE ON REEL	CUSTOMIZED LABEL FOR SPECIAL P/NS
10044471-121110ELF	UNSHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	TAPE ON REEL	



COLUMN: 1 2 3 4



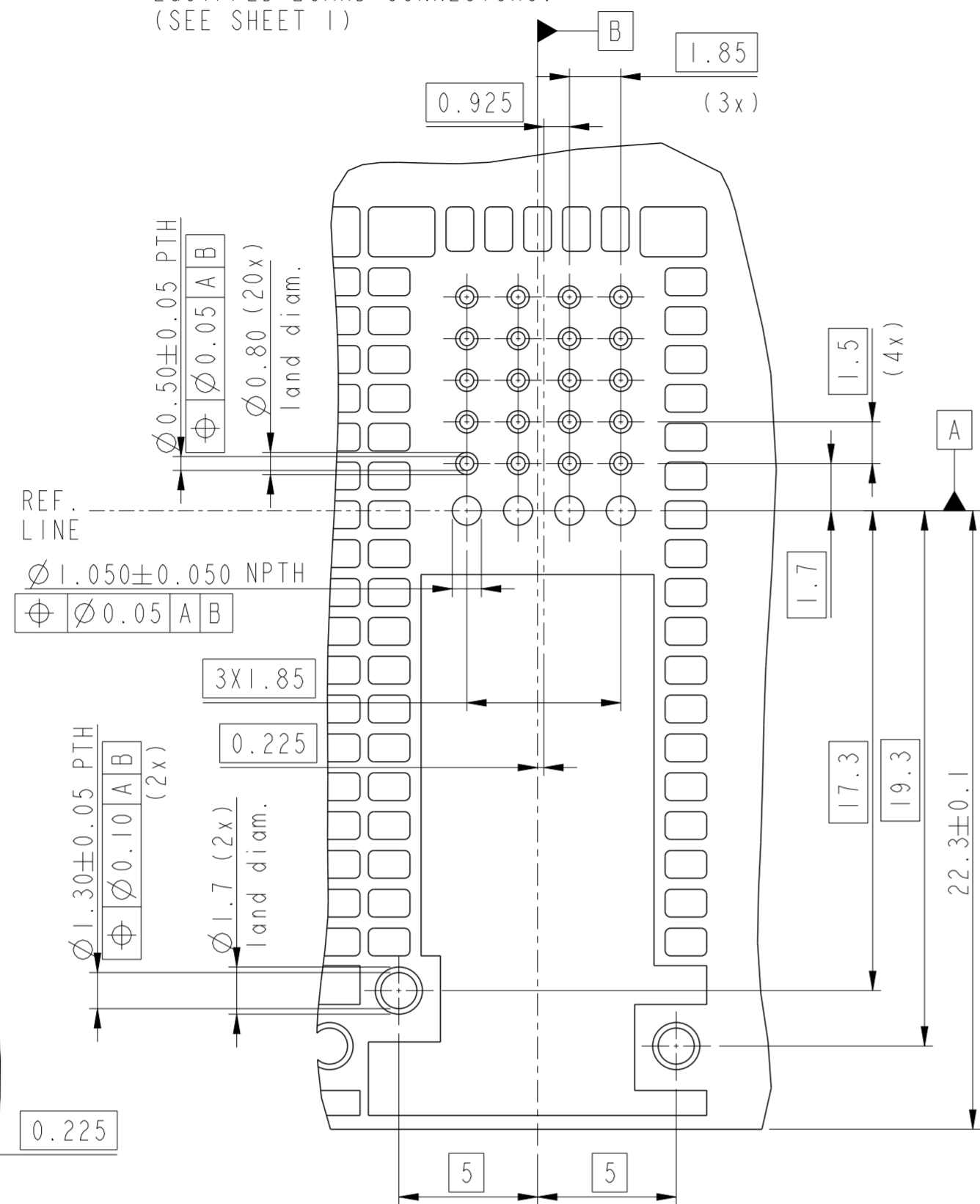
- NOTES:
- MATES WITH CABLE CONNECTOR 10044473-SERIES
  - MATERIALS:  
DIECAST-ENTRY: ZINC ALLOY, PLATING/FINISH: Sn PLATED WITH Ni OVER Cu UNDERLAYER,  
TOPCOVER - COPPER ALLOY, PLATING/FINISH: Sn PLATED WITH Ni UNDERLAYER,  
SPRINGS - STAINLESS STEEL,  
RETAINER - HIGH TEMPERATURE FLAME RETARDANT THERMOPLAST, COLOUR NATURAL,  
VERTICAL SHIELDS - COPPER ALLOY, PLATING/FINISH: Sn WITH Ni UNDERLAYER,  
HEADER IMLA'S - COPPER ALLOY OVERMOLDED WITH HIGH TEMPERATURE FLAME  
RETARDANT THERMOPLAST, COLOUR BLACK,  
LEADFRAME PLATING/FINISH: NICKEL UNDERPLATING, PALLADIUM-NICKEL ALLOY  
WITH GOLD OVERPLATING IN CONTACT ZONE, Sn IN SOLDER TAIL AREA.
  - CONNECTOR CAN BE PICKED UP WITH A MECHANICAL GRIPPER OR A VACUUM NOZZLE,  
NOZZLE DIAMETER UP TO 9 MM. ESTIMATED MAXIMUM MASS OF THE PRODUCT 6.00 G.
  - COLUMN 1 IS ALWAYS FILLED WITH AN UNSHIELDED IMLA.
  - FCI PRODUCT SPECIFICATION GS-12-314.
  - PACKAGING: TAPE AND REEL ACCORDING TO EIA-481-B, SEE LAST SHEET.
  - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.
  - THE CONNECTOR WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE  
IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. FOR MORE DETAILS AND  
MOUNTING RECOMMENDATIONS, SEE FCI APPLICATION GUIDE GS-20-048.

spec ref *	dr Terran Huang	2009/01/22	projection	mm	size A2	scale 1:1
tolerance std	eng Norman Luo	2017/05/25		mm	ecn no ELX-DG-27032-1	rel level Released
ISO 406 ISO 1101	chr -	2017/05/31				
surface	appr Heaven Cen		<b>Amphenol FCI</b> TITLE HEADER 8 PAIR DENS1-SHIELD I/O www.fci.com cat. no.		dwg no 10044471 rev K	Product - Customer Drw sheet 1 of 4

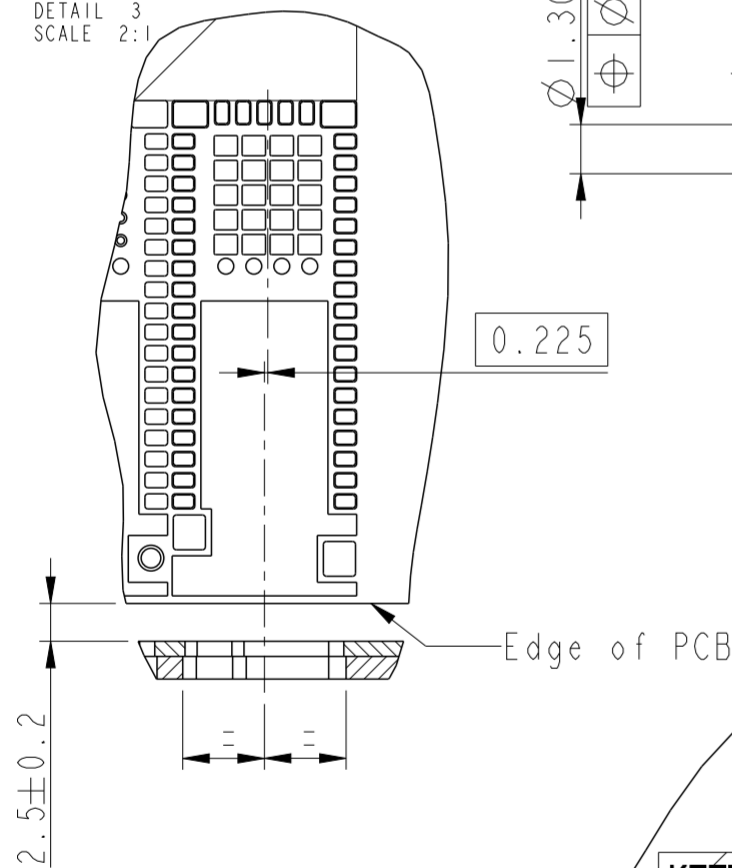
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RECOMMENDED HOLE PATTERN AND TRACE DIMENSIONS FOR FULLY EQUIPPED BOARD CONNECTORS. (SEE SHEET 1)

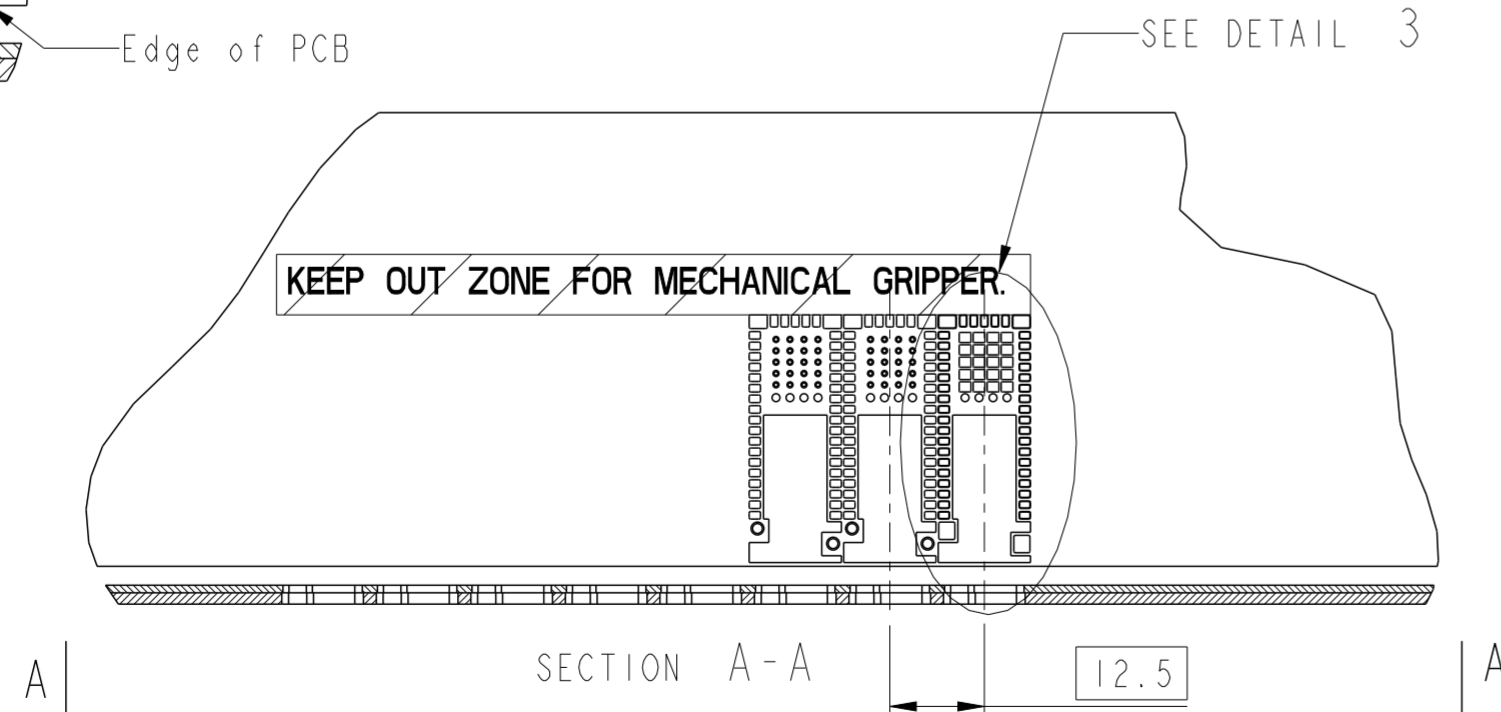


RECOMMENDED BOARD POSITION  
DETAIL 3  
SCALE 2:1

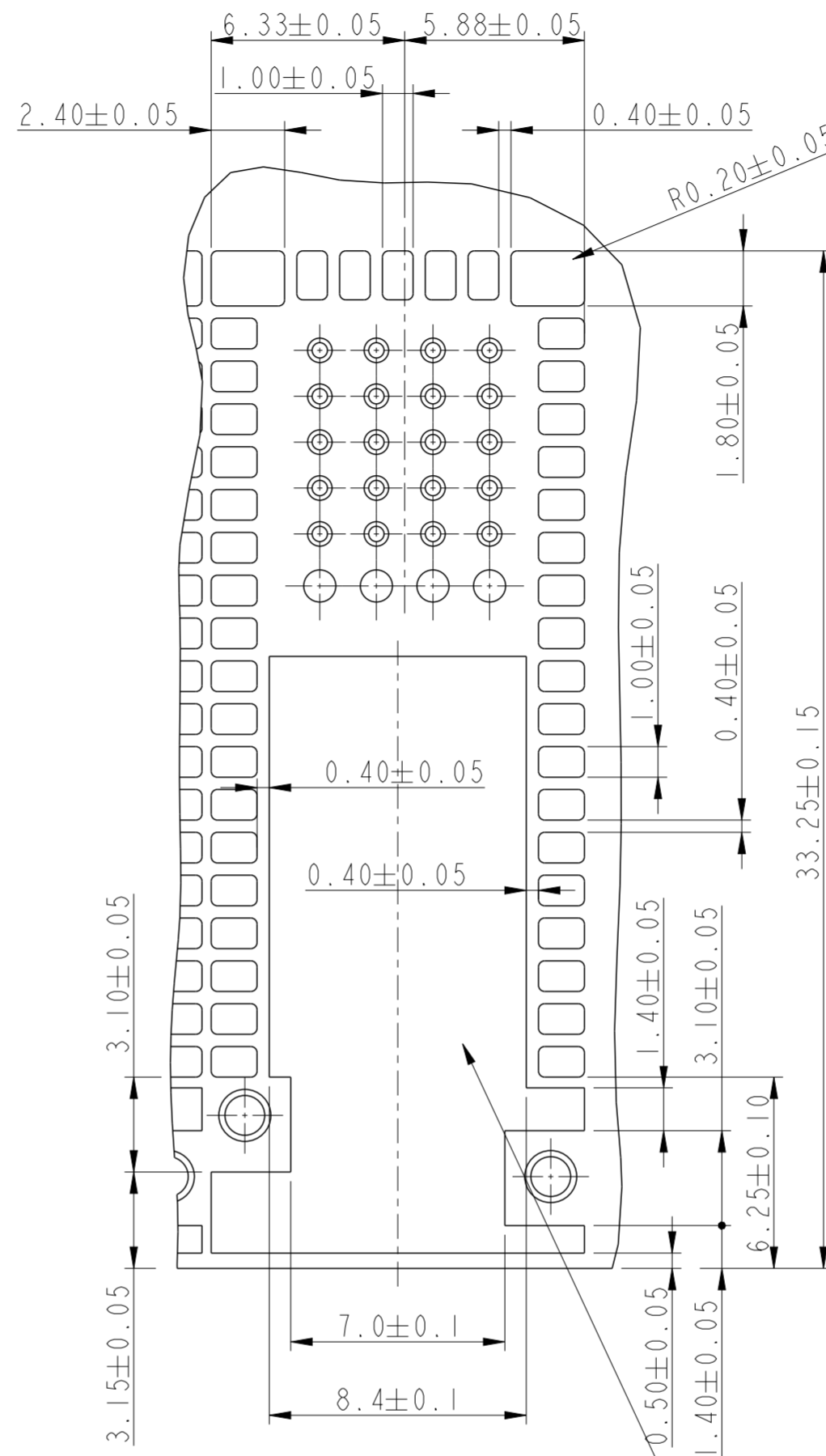


SCALE 5:1

KEEP OUT ZONE FOR MECHANICAL GRIPPER

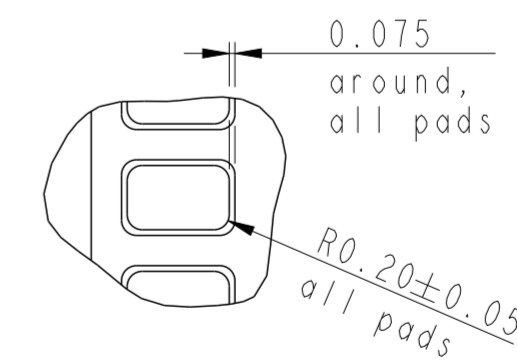
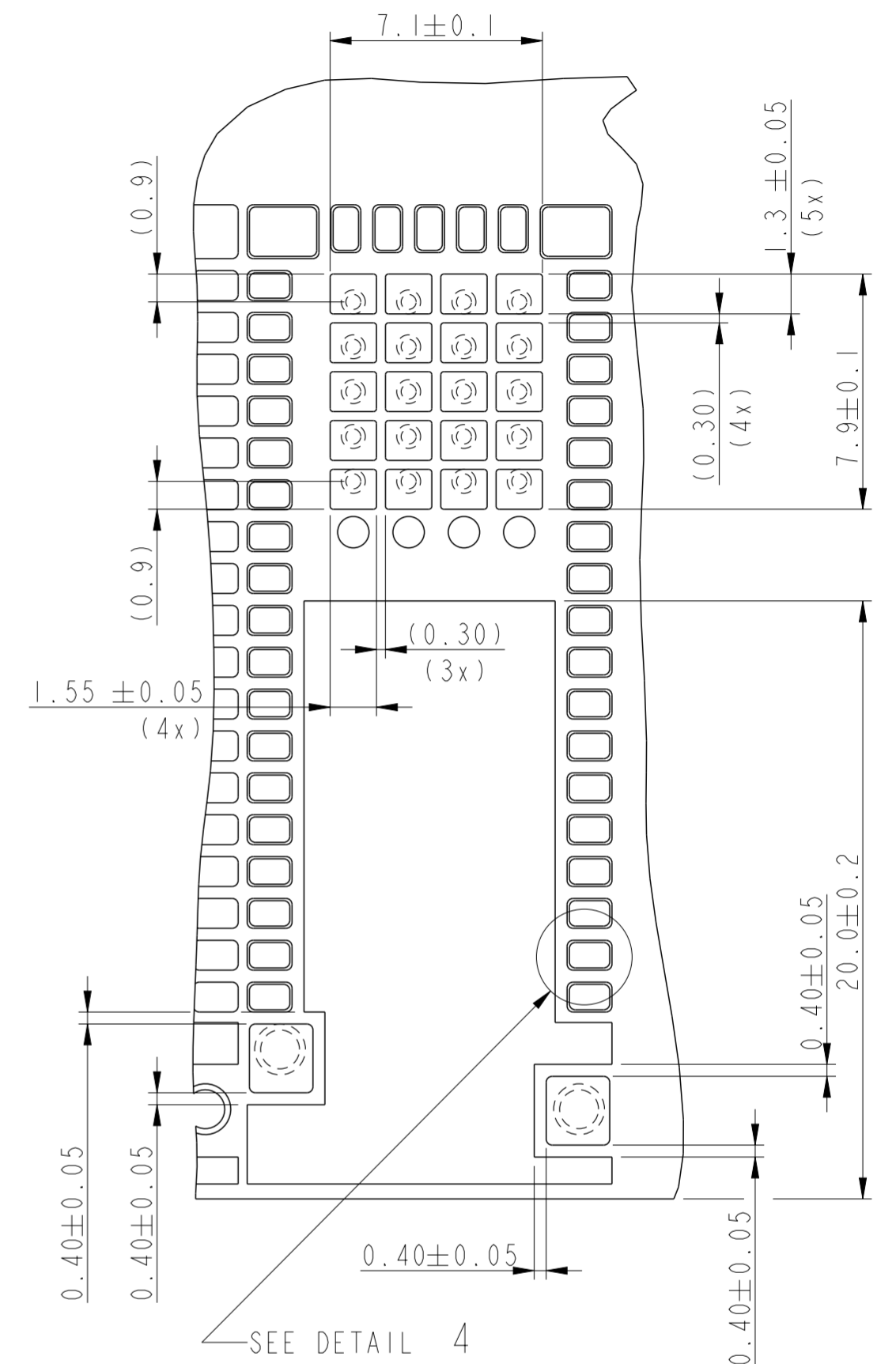


RECOMMENDED ISLAND PATTERN



SOLDER MASK NOT ALLOWED ON THIS REFERENCE PLANE AND LANDS. PLATING THICKNESS MUST BE CONSTANT OVER CONTACT AREA.

RECOMMENDED STENCIL LAYOUT  
MIN. REQUIRED APERTURES FOR STENCIL THICKNESS 0.125 MM



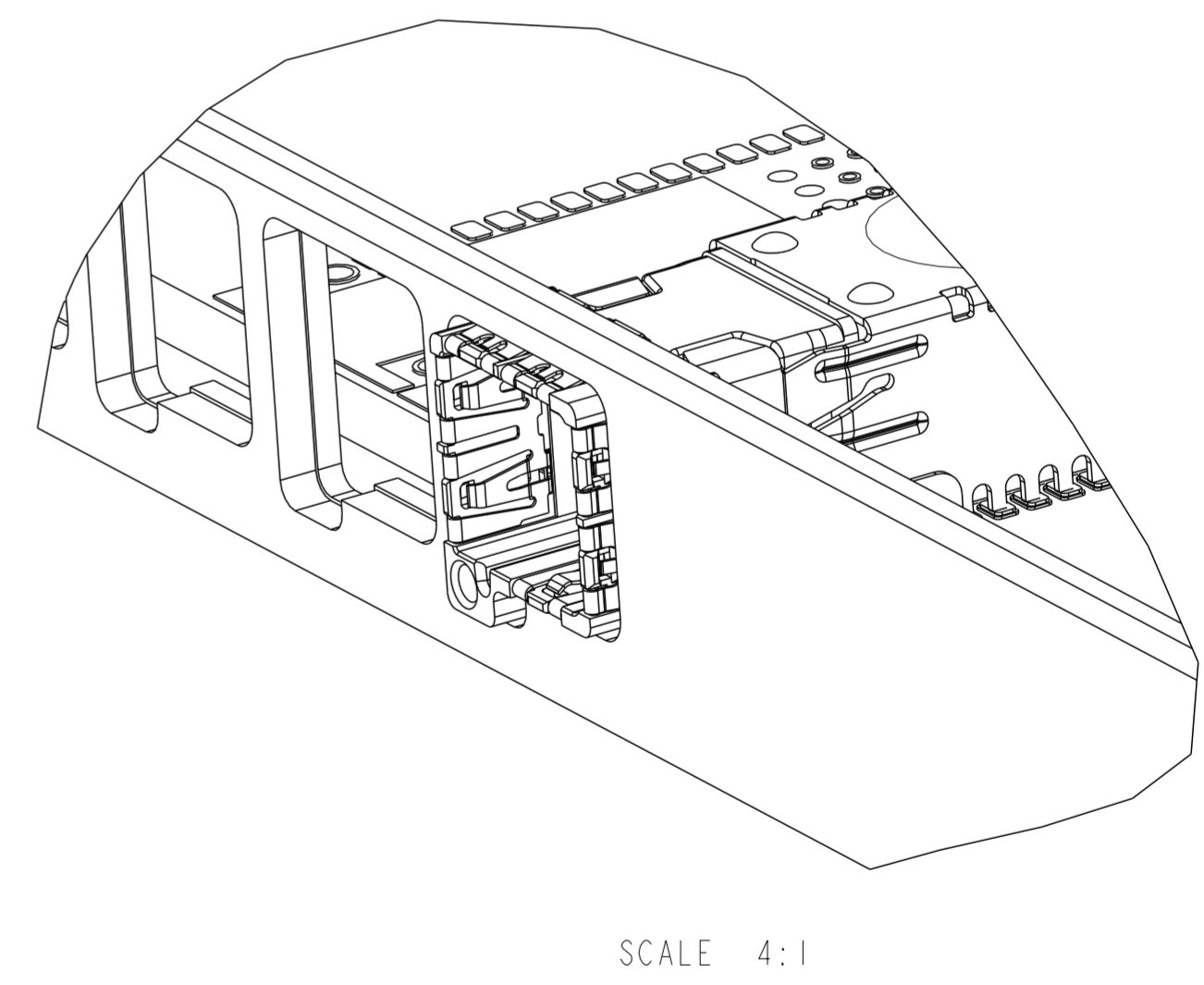
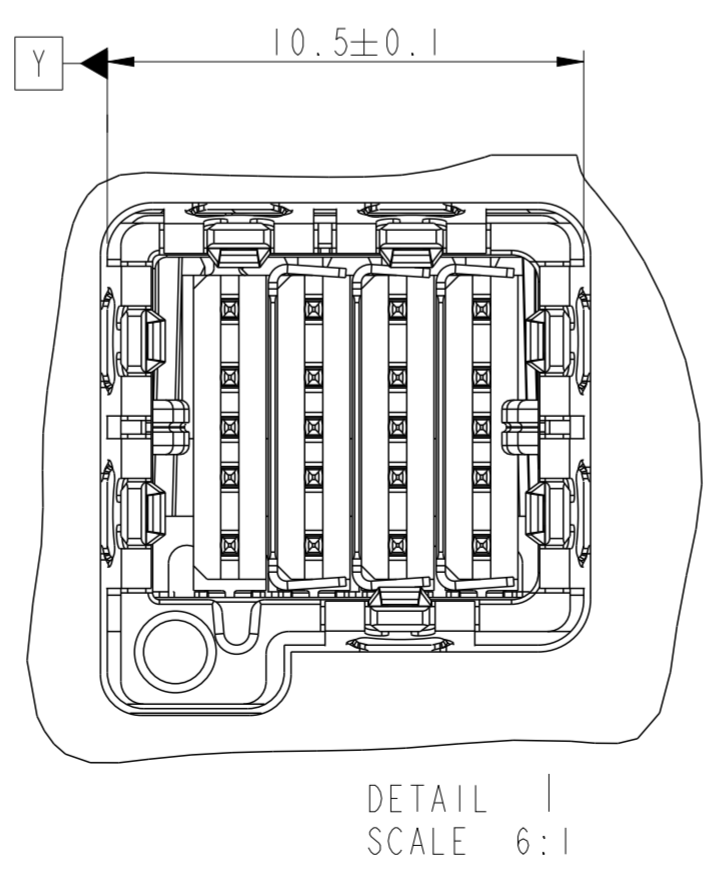
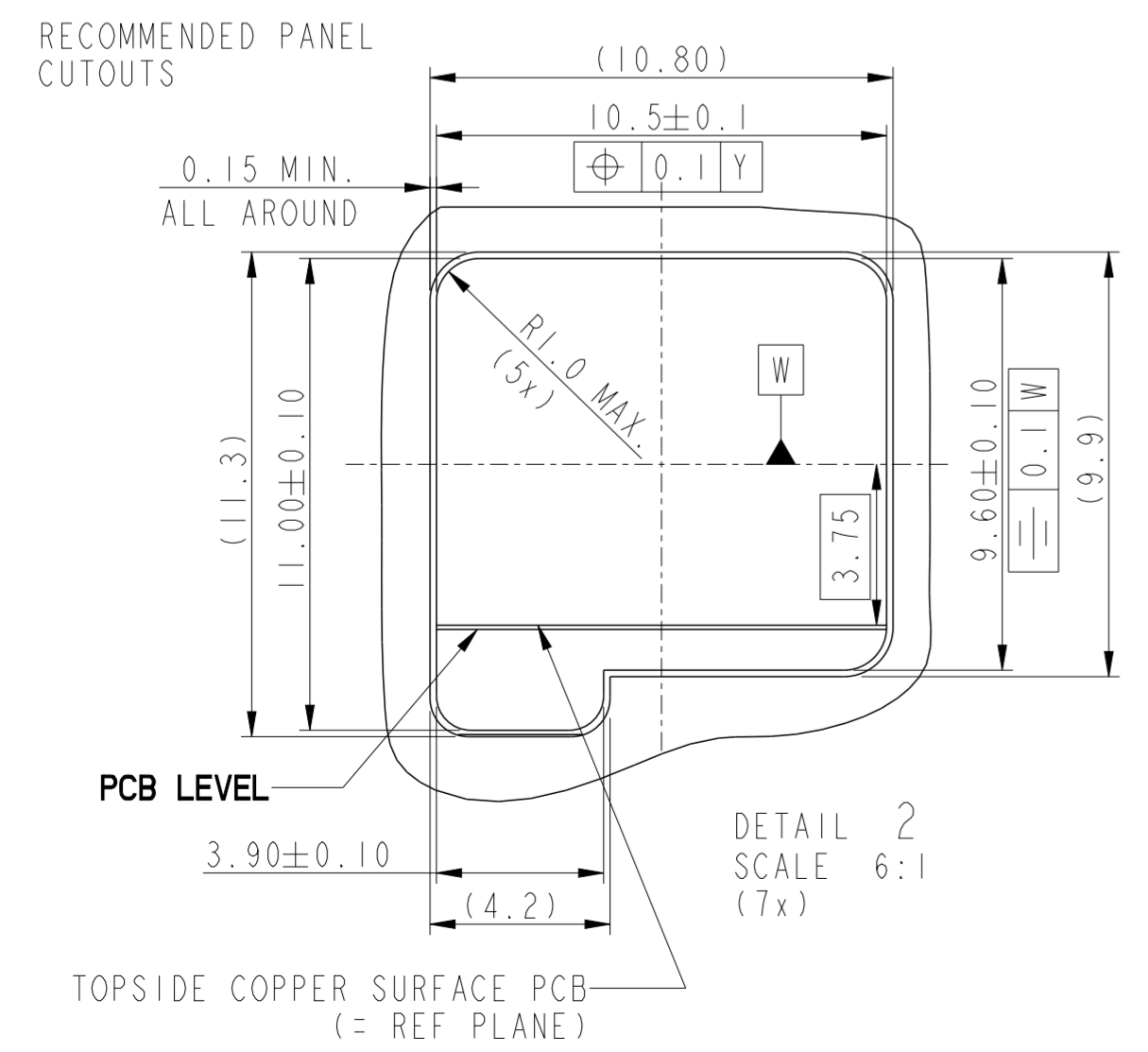
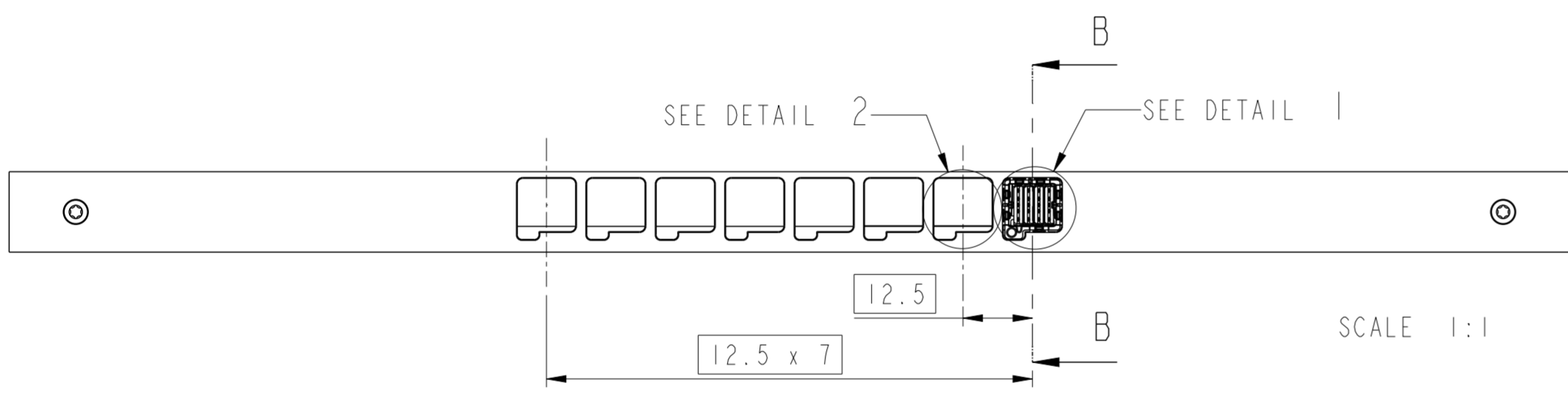
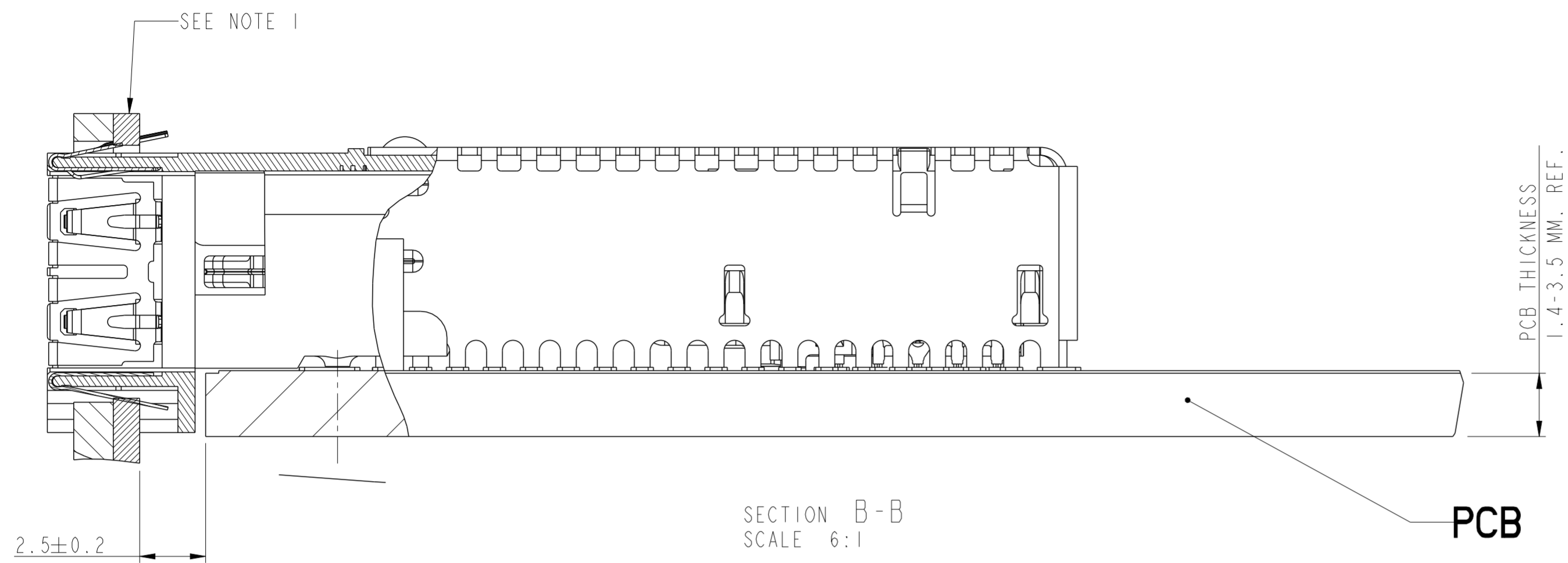
DETAIL 4  
SCALE 10:1

THE SOLDER CONTENT IN THE PASTE SHOULD BE SUFFICIENT, TYPICALLY 50% VOLUME PERCENTAGE. THE SCREEN PRINTING PROCESS (ANGLE, SPEED, PRESSURE ETC.) MUST BE OPTIMISED SO THAT ENOUGH SOLDER IS AVAILABLE.

spec ref	*	dr	Terran Huang	2009/01/22	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Norman Luo	2017/05/25	chr	-	ecn no	ELX-DG-27032-1	rel level	Released
surface	-	appr	Heaven Cen	2017/05/31	product family	-	rel level	Released	rev	K
ISO 1302	linear angular	0.X 0.XX 0.XXX	±0.3 ±0.2 ±0.1	0°	±2°	Amphenol FCI www.fci.com		cat. no.	Product - Customer Drw	sheet 2 of 4
TITLE		HEADER 8 PAIR DENSI-SHIELD I/O		dwg no		10044471		PDS: Rev :K		STATUS: Released
Printed: May 31, 2017										

Amphenol  
FCi

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NOTE 1:  
A DESIGN IS SHOWN WITH AN INNER CONDUCTIVE FRONTPANEL (FOR GROUNDING), AND A COSMETIC OUTER PANEL. THE INNER PANEL IS RECOMMENDED TO BE Sn PLATED ON THE CUTOUT EDGES.

spec ref	*	dr	Terran Huang	2009/01/22	projection	mm	size	A2	scale	6:1
tolerance std	ISO 406 ISO 1101	eng	Norman Luo	2017/05/25		mm	ecn no	ELX-DG-27032-1		
surface	ISO 1302	chr	-	rel level				Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Heaven Cen	2017/05/31	product family	-	rel level	Released		
linear	0.X ±0.3 0.XX ±0.2 0.XXX ±0.1			<b>HEADER 8 PAIR</b> DENSII-SHIELD I/O		dwg no	10044471		rev	K
angular	0° ±2°	www.fci.com		cat. no.	-	Product - Customer Drw		sheet 3 of 4		

PDS: Rev :K

STATUS:Released

Printed: May 31, 2017

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

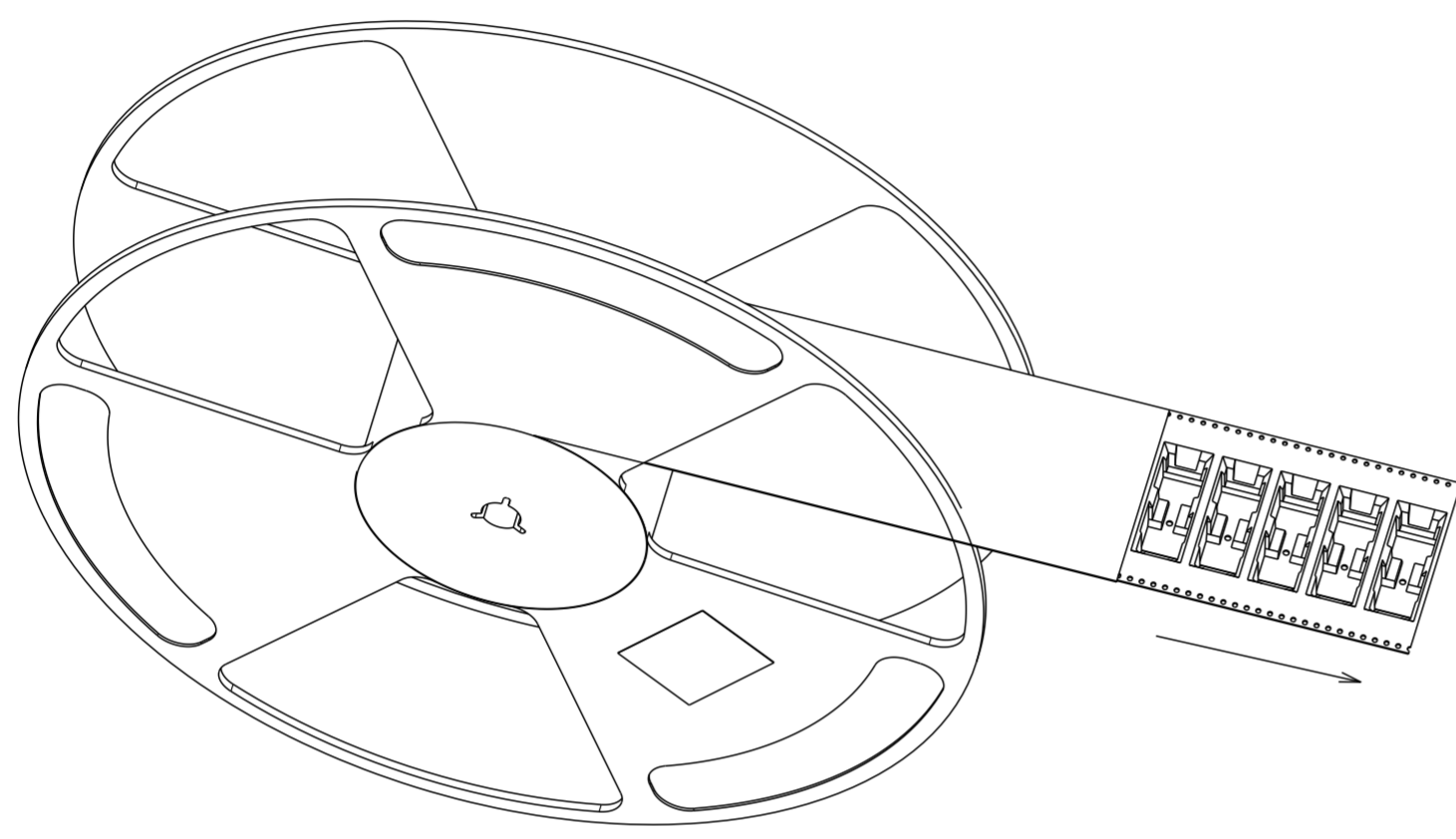
B

C

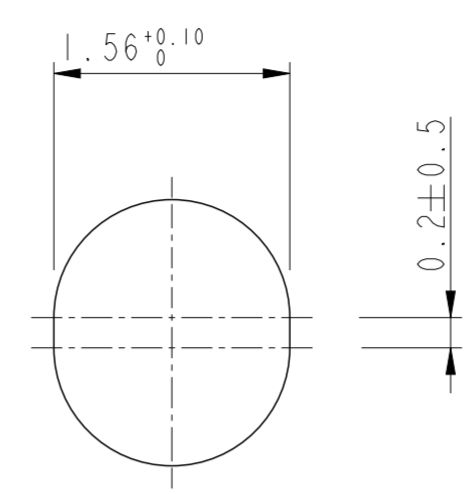
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E

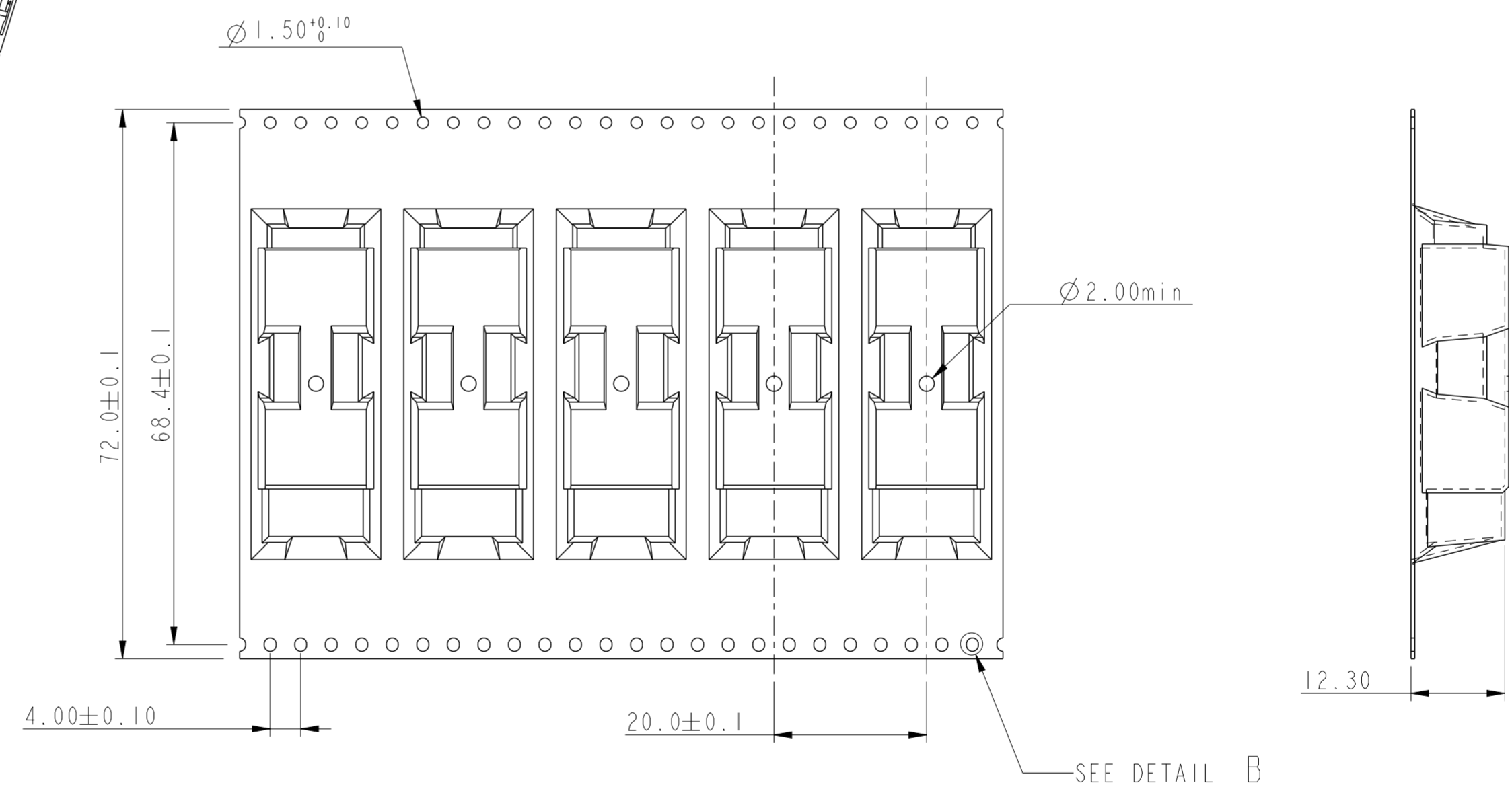
F



SCALE 2:5



DETAIL B  
SCALE 20:1



NOTE:  
1: MATERIAL CARRIER TAPE: Polystyrene;  
2: MATERIAL COVER TAPE : Polyester;  
3: THE PACKAGING IS ANTISTATIC TREATED.

spec ref	*	dr	Terran Huang	2009/01/22	projection	mm	size	A2	scale	1:6	
tolerance std	ISO 406 ISO 1101	eng	Norman Luo	2017/05/25			ecn no	ELX-DG-27032-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Heaven Cen	2017/05/31	rel level	Released	
surface	ISO 1302	linear	0.X	±0.3	product family		-	rel level	Released		
			0.XX	±0.2	Amphenol FCI		title	HEADER 8 PAIR			
			0.XXX	±0.1	Densi-Shield I/O		cat. no.	-	Product - Customer Drw	sheet 4 of 4	
		angular	0°	±2°	Densi-Shield I/O		cat. no.	-	Product - Customer Drw	sheet 4 of 4	

PDS: Rev :K

STATUS:Released

Printed: May 31, 2017

Amphenol FCI

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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](mailto:org@eplast1.ru)

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