

1

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6

A

A

B

B

C

C

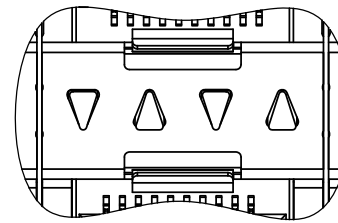
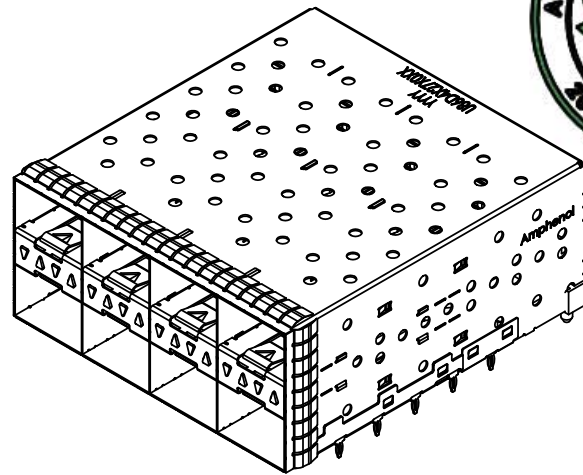
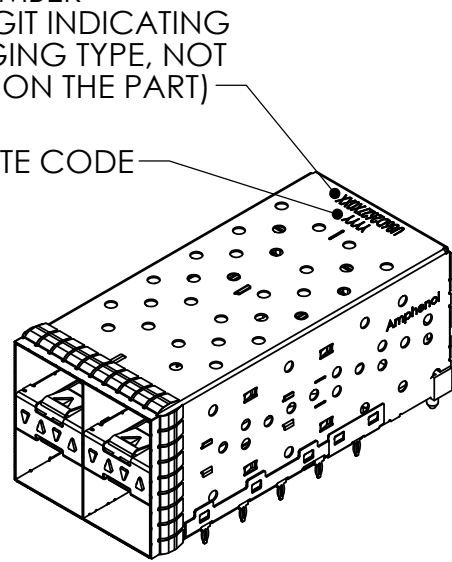
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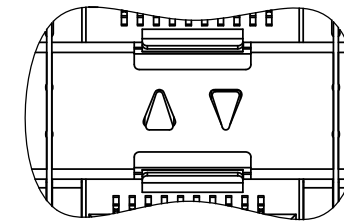
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI

PART NUMBER  
(LAST DIGIT INDICATING  
PACKAGING TYPE, NOT  
PRINTED ON THE PART)

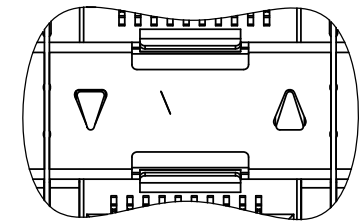
DATE CODE



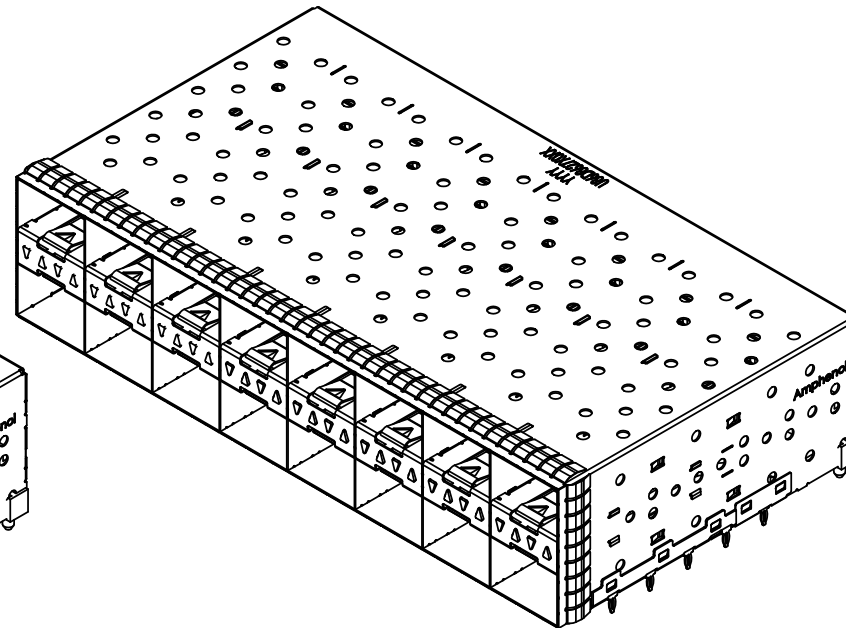
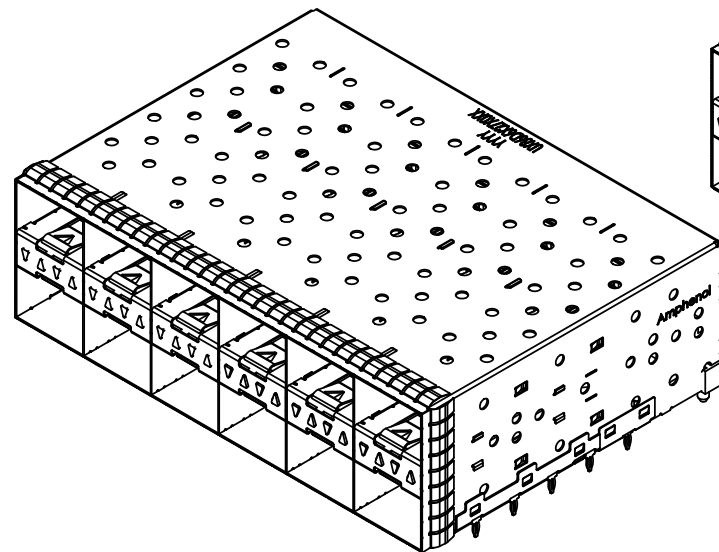
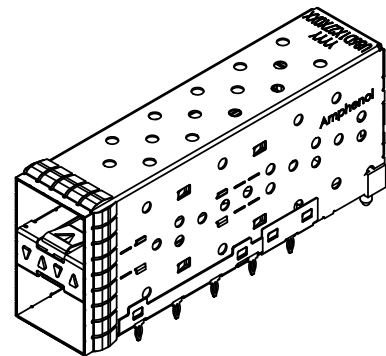
UE86-DX627-10XX1  
4 LIGHT PIPES PER 2X1



UE86-DX627-20XX1  
2 INNER LIGHT PIPES  
PER 2X1



UE86-DX627-30XX1  
2 OUTER LIGHT PIPES  
PER 2X1



MATERIAL: (RoHS COMPLIANT)

CAGE - PRESS FIT:  
COPPER ALLOY

PLATING:  
SEE AMPHENOL PART NUMBER  
CONFIGURATION FOR OPTIONS.

CONNECTOR - PRESS FIT:

PLASTIC HOUSING:  
LCP, FLAMMABILITY RATING UL94-0.

CONTACTS:  
PHOSPHOR BRONZE  
PLATING OPTION: NICKEL 2.54 µm MIN.

LIGHT PIPE:  
CLEAR POLYCARBONATE, FLAMMABILITY  
RATING UL94-0.

PACKAGING:  
TRAY PACKAGING.

TEMPERATURE RANGE:  
-40°C TO +85°C

**AMPHENOL PART NUMBER CONFIGURATION**

UE86 - D X 6 2 7 - X 0 X X 1

**NUMBER OF PORTS**

- 1 = 2X1
- 2 = 2X2
- 4 = 2X4
- 6 = 2X6
- 8 = 2X8

**LIGHT PIPE CONFIGURATION**

- 1 = 4 LIGHT PIPES PER 2X1
- 2 = 2 INNER LIGHT PIPES PER 2X1
- 3 = 2 OUTER LIGHT PIPES PER 2X1

**PACKAGING**

- 1 = TRAY

**CAGE PLATING**

- 2 = NICKEL
- 3 = MATTE TIN

**PRESS FIT CONNECTOR PLATING**

- 3 = 0.76 µm MIN. GOLD ON MATING AREA  
3.81-7.62 µm MATTE TIN ON TERMINATION
- 6 = 0.38 µm MIN. GOLD ON MATING AREA  
3.81-7.62 µm MATTE TIN ON TERMINATION

2XN SFP+ EXPRESSPORT™ COMBO  
WITH LIGHT PIPE  
(SPRING FINGER GASKET)

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	DRAWN ERIC.Z	AUG.30, 11			
	MATERIAL AND FINISH	ChigowX	AUG.30, 11	2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)	
	SEE NOTES	QA APP'D			
REF. X	IE APP'D		SIZE A4	DWG. NO. P-UE86-DX627-X0XX1	
CODE IDENT. NO. 03554	DWG APP'D J.SI	AUG.30, 11	SCALE 2:3	PROJECT	
				REV. B	
				SHEET 1 OF 8	

1

2

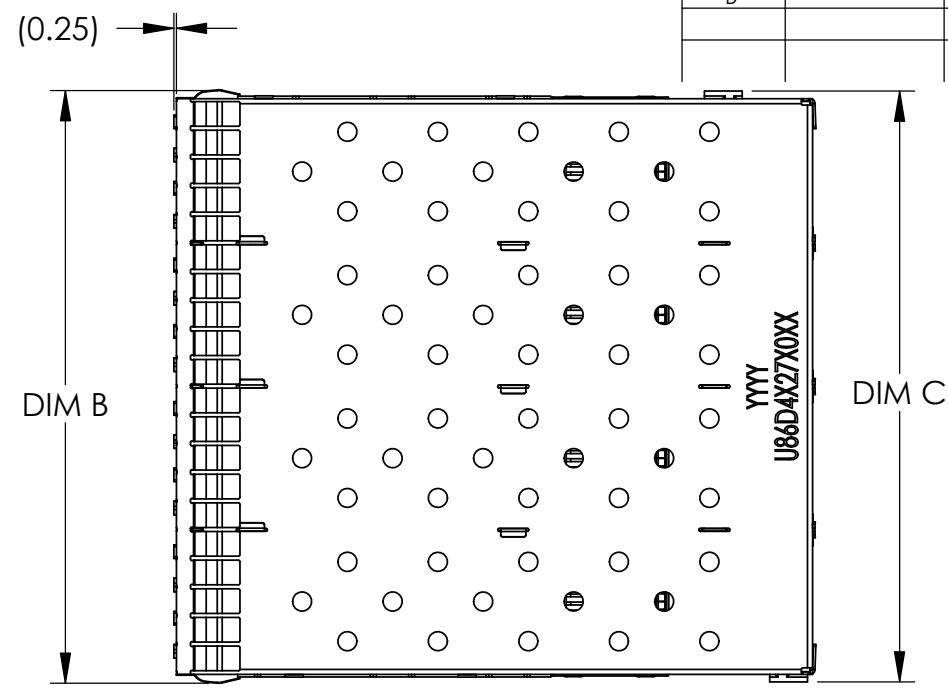
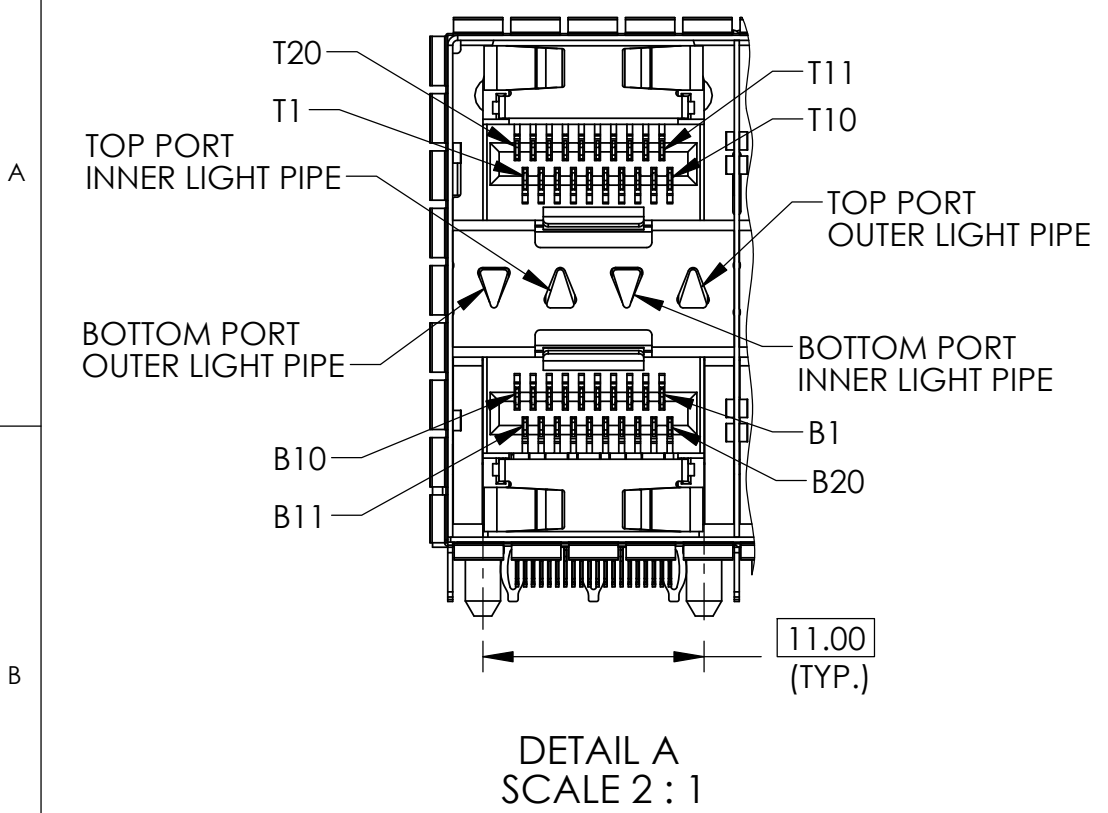
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4

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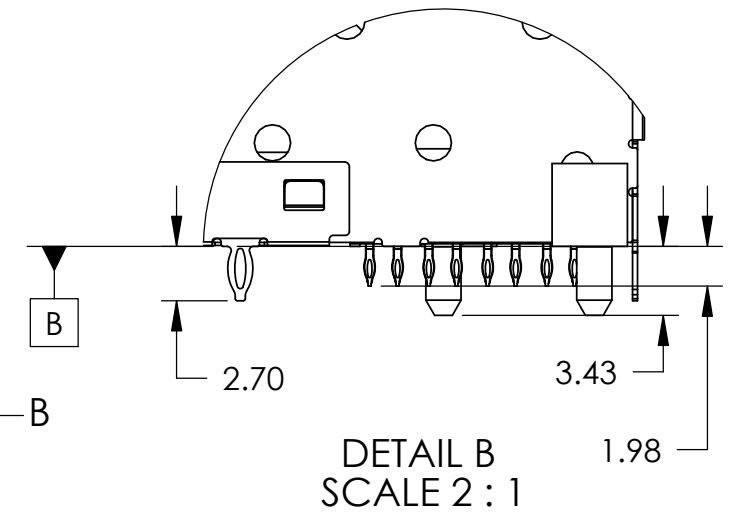
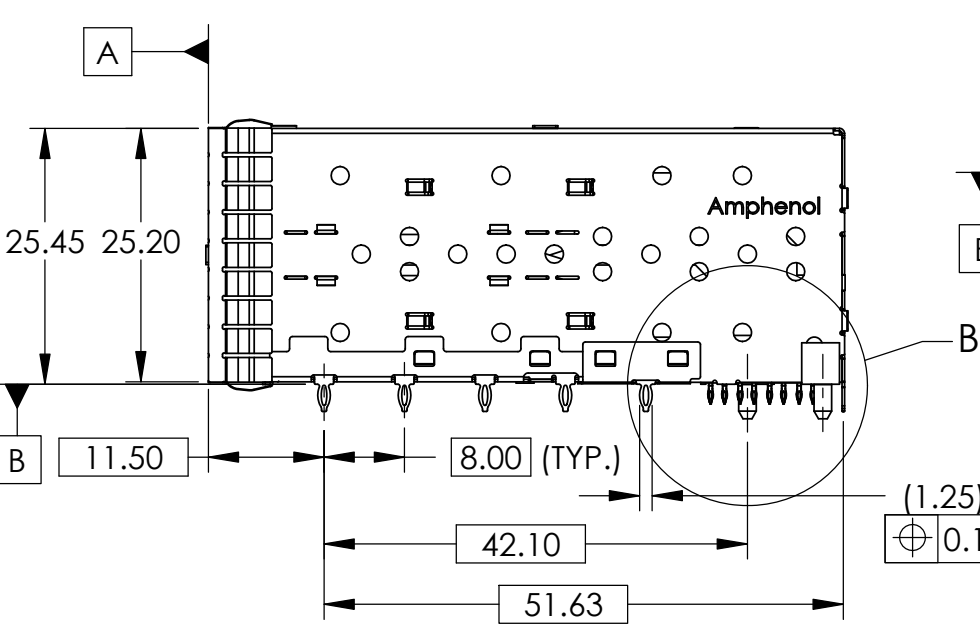
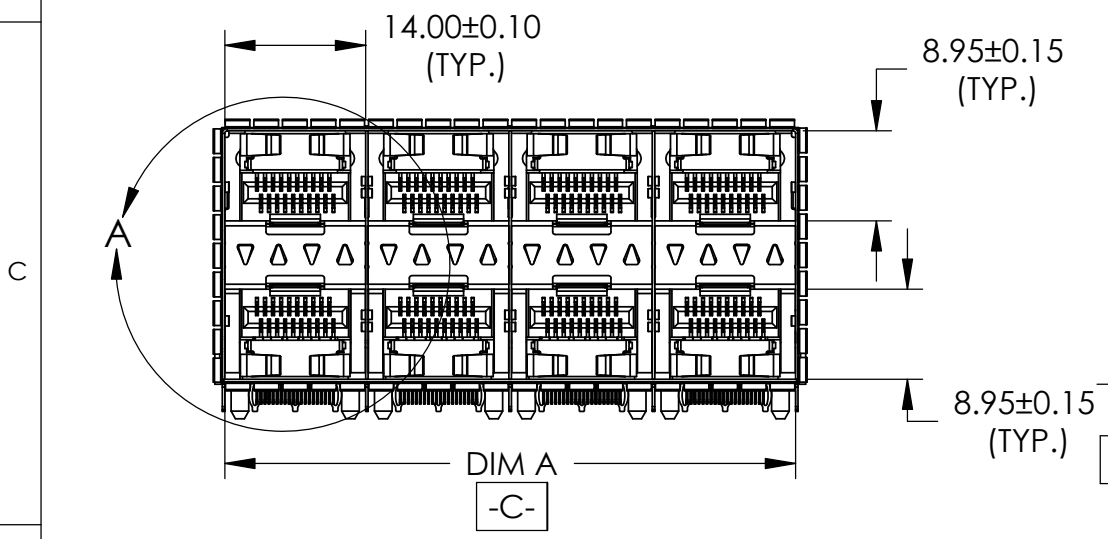
6

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI



SFP COMBO	DIM A	DIM B	DIM C
2X1 SFP	14.00	16.25	16.00
2X2 SFP	28.25	30.50	30.25
2X4 SFP	56.75	59.00	58.75
2X6 SFP	85.25	87.50	87.25
2X8 SFP	113.75	116.00	115.75

DETAIL A  
SCALE 2:1



⊕ 0.10 (M) C (M) A B

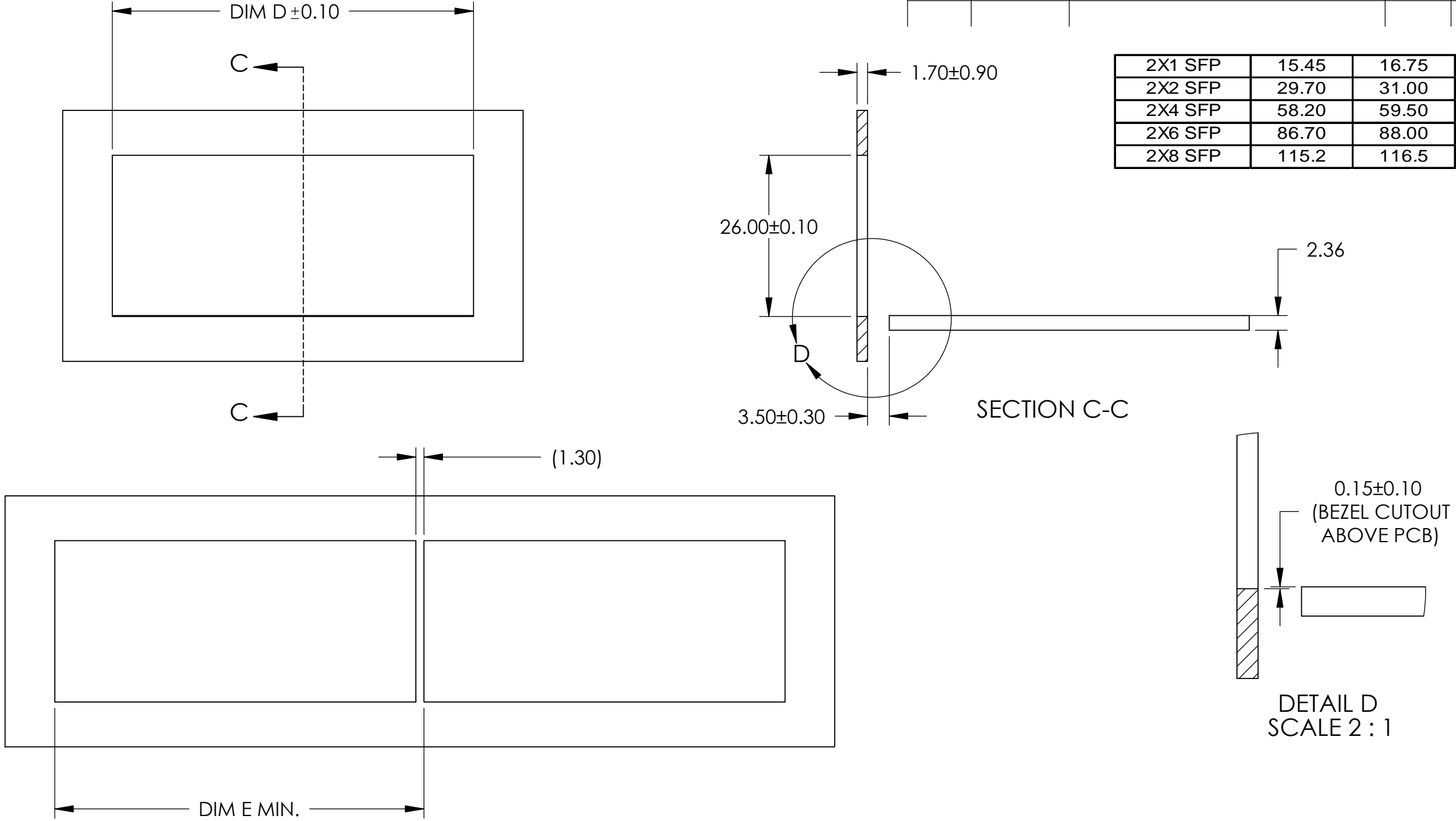
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.25 X.XX ± 0.15 MATERIAL AND FINISH SEE NOTES REF. X CODE IDENT. NO. 03554	<b>APPROVALS</b>	<b>DATE</b>	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com TITLE 2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET) SIZE A4 DWG. NO. P-UE86-DX627-X0XX1 REV. B SCALE 1:1 PROJECT SHEET 2 OF 8
	DRAWN ERIC.Z	AUG.30, 11	
	DESIGNED		
	CHECKED ChigowX	AUG.30, 11	
	QA APPD		
	IE APP'D		
	DWG APP'D J.SI	AUG.30, 11	

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI

2X1 SFP	15.45	16.75
2X2 SFP	29.70	31.00
2X4 SFP	58.20	59.50
2X6 SFP	86.70	88.00
2X8 SFP	115.2	116.5

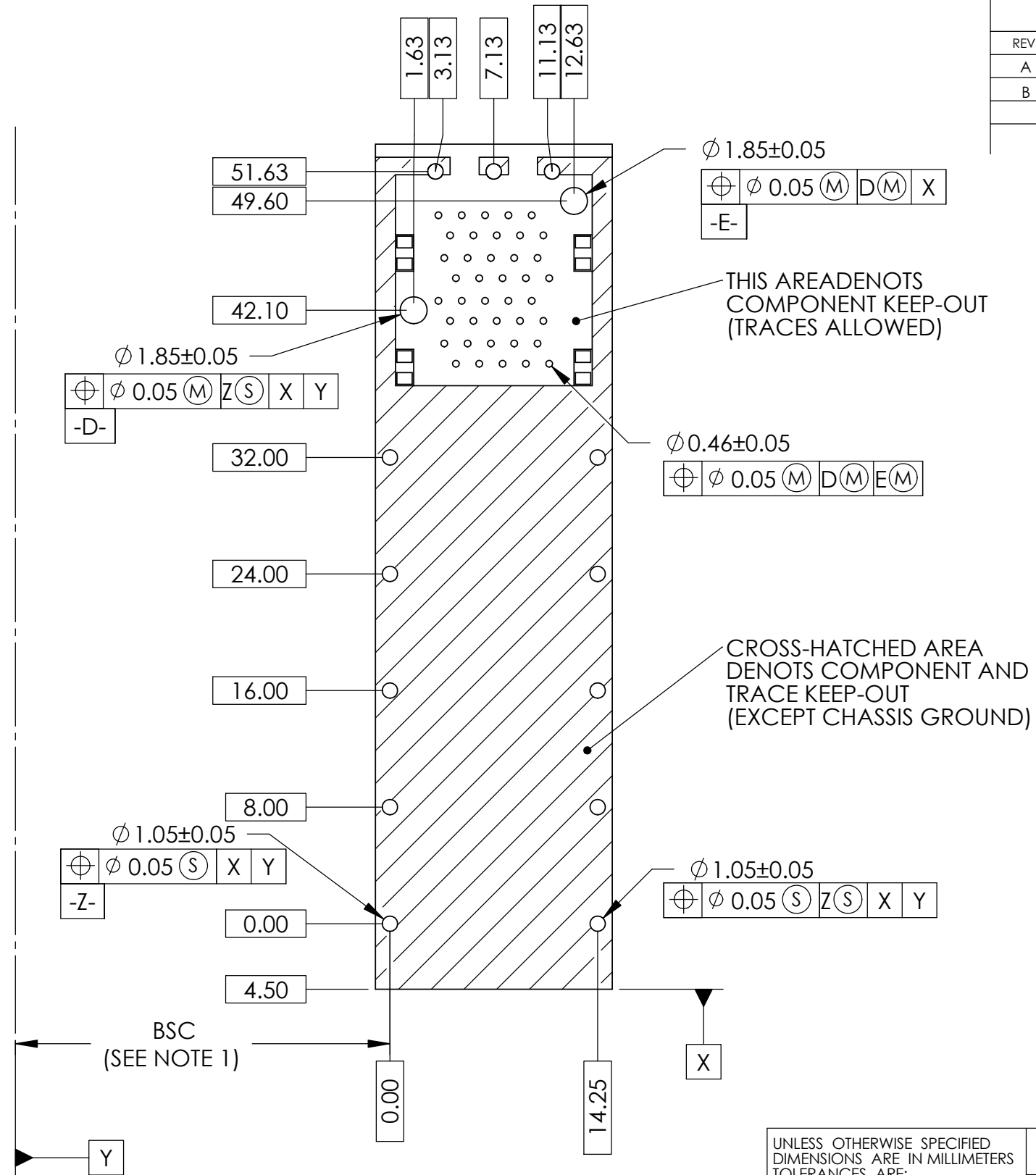


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15	APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com		
	DRAWN	ERIC.Z	AUG.30, 11			
	MATERIAL AND FINISH		CHECKED	DATE	TITLE 2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)	
	SEE NOTES		ChigowX	AUG.30, 11		
REF.	X	IE APP'D		SIZE	DWG. NO.	
CODE IDENT. NO.	03554	DWG APP'D	J.SI	AUG.30, 11	A4	P-UE86-DX627-X0XX1
			SCALE	1:1	PROJECT	REV. B
					SHEET	3 OF 8

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REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI



- NOTES:
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
  - 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (13 HOLES).

**2X1 PCB LAYOUT**

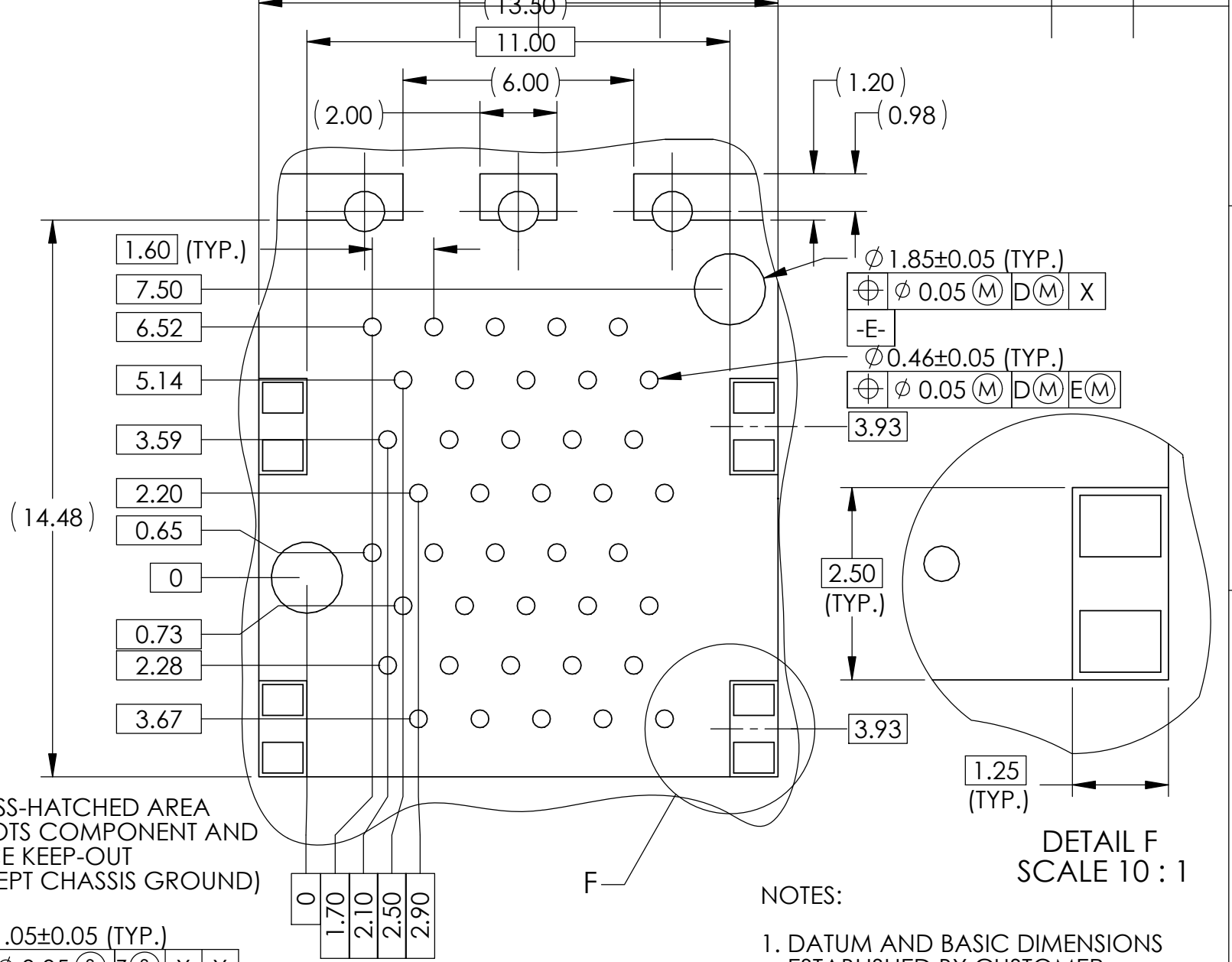
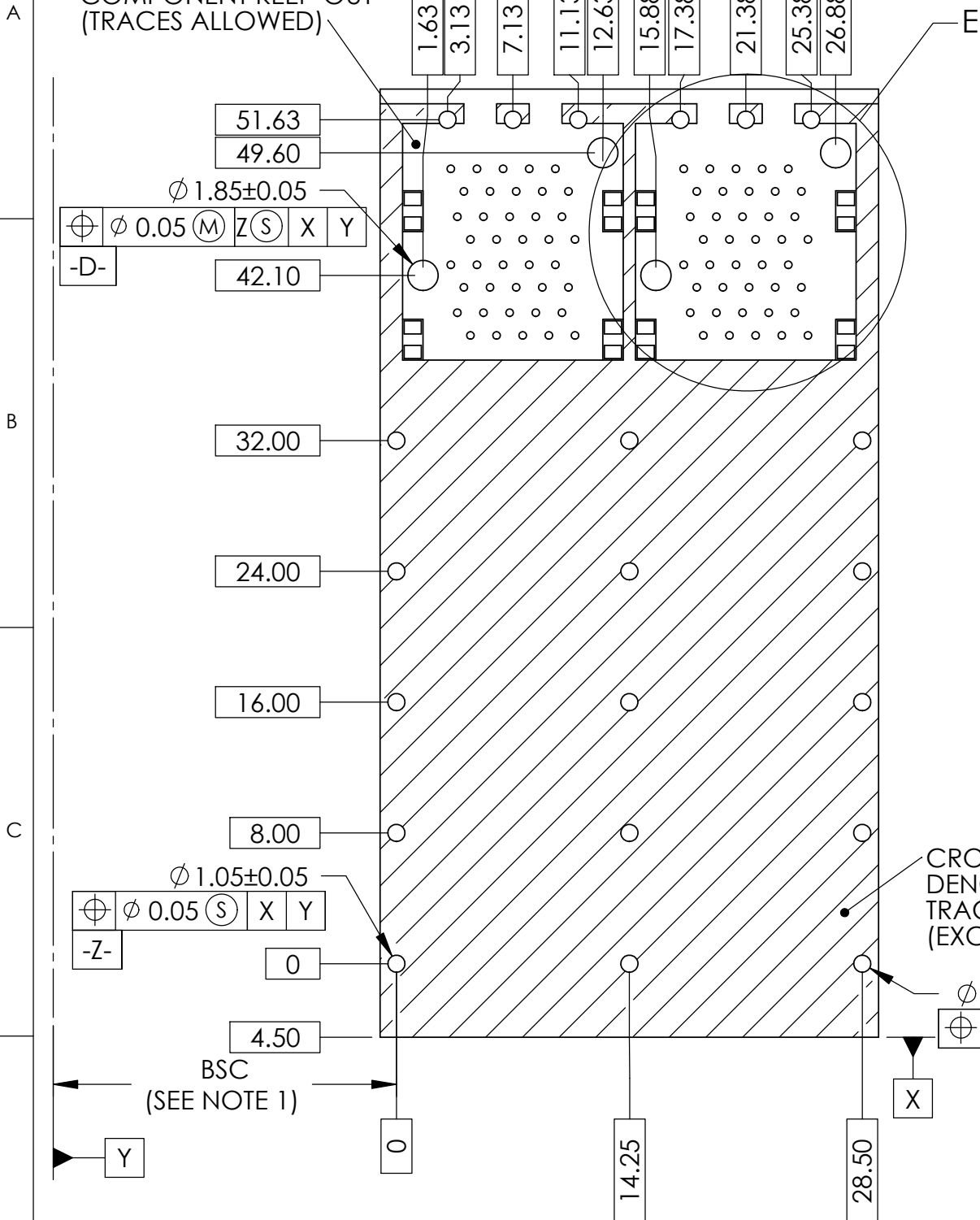
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	DRAWN ERIC.Z	AUG.30, 11	TITLE	
	CHECKED ChigowX	AUG.30, 11	2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)	
	DESIGNED		SIZE A4	DWG. NO. P-UE86-DX627-X0XX1
MATERIAL AND FINISH	SEE NOTES	QA APP'D	REV. B	
REF. X	IE APP'D		SCALE 2:1	PROJECT
CODE IDENT. NO. 03554	DWG APP'D J.SI	AUG.30, 11	SHEET 4 OF 8	

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)



CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

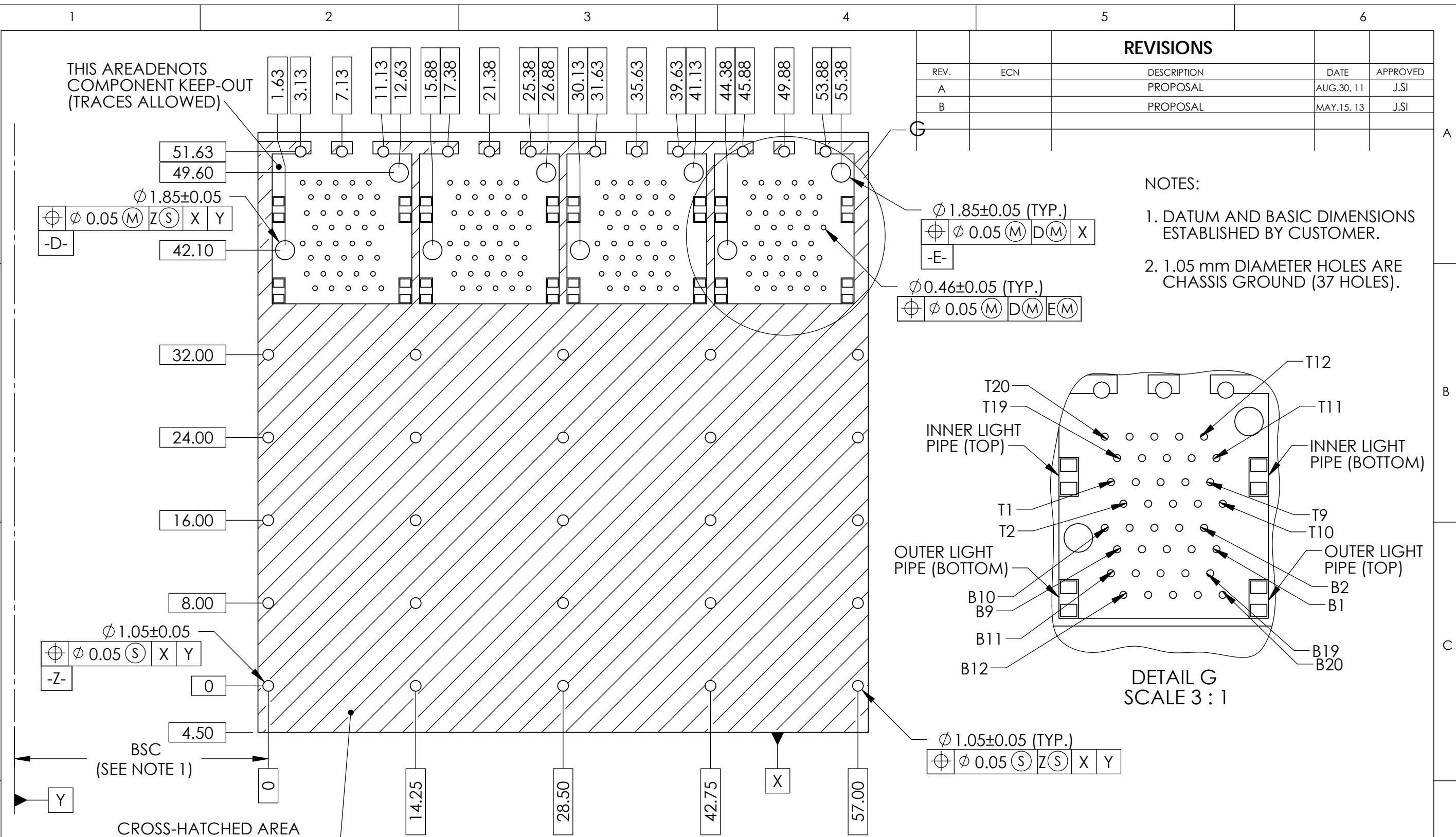
- NOTES:
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
  - 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (21 HOLES).

**2X2 PCB LAYOUT  
DO NOT SCALE DRAWING**

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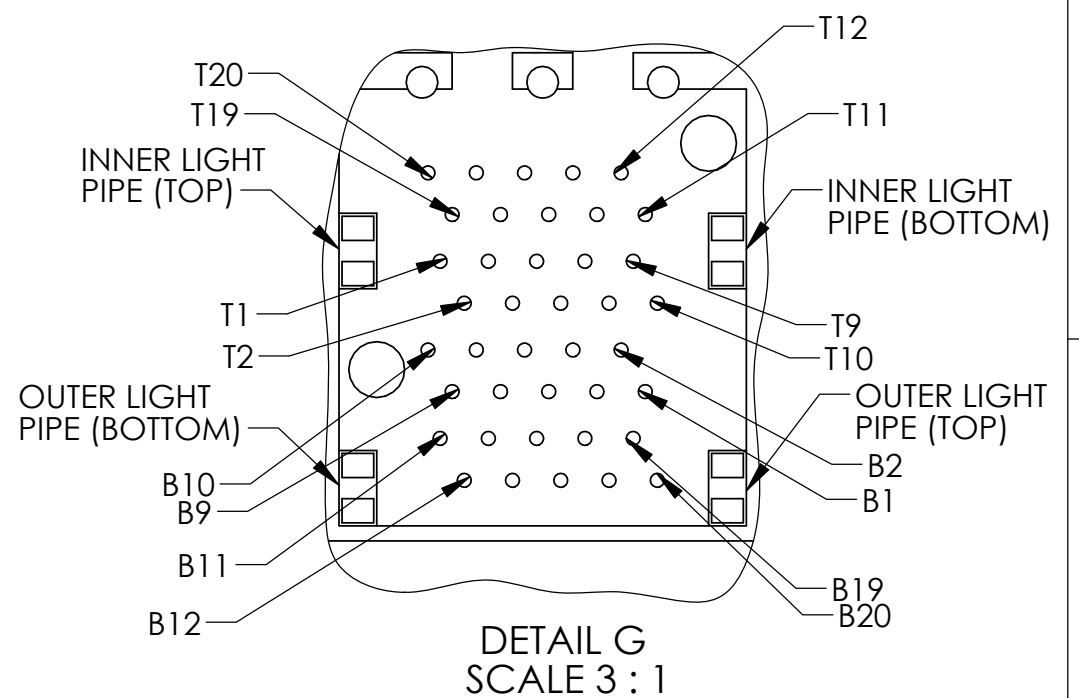
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15	<b>APPROVALS</b>	<b>DATE</b>	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com	
	DRAWN ERIC.Z	AUG.30, 11	TITLE	
MATERIAL AND FINISH	CHECKED ChigowX	AUG.30, 11	2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)	
REF. X	QA APP'D		SIZE A4	DWG. NO. P-UE86-DX627-X0XX1
CODE IDENT. NO. 03554	IE APP'D		SCALE 2:1	REV. B
	DWG APP'D J.SI	AUG.30, 11	PROJECT	SHEET 5 OF 8

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI

- NOTES:
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
  - 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (37 HOLES).



**2X4 PCB LAYOUT**

**DO NOT SCALE DRAWING**

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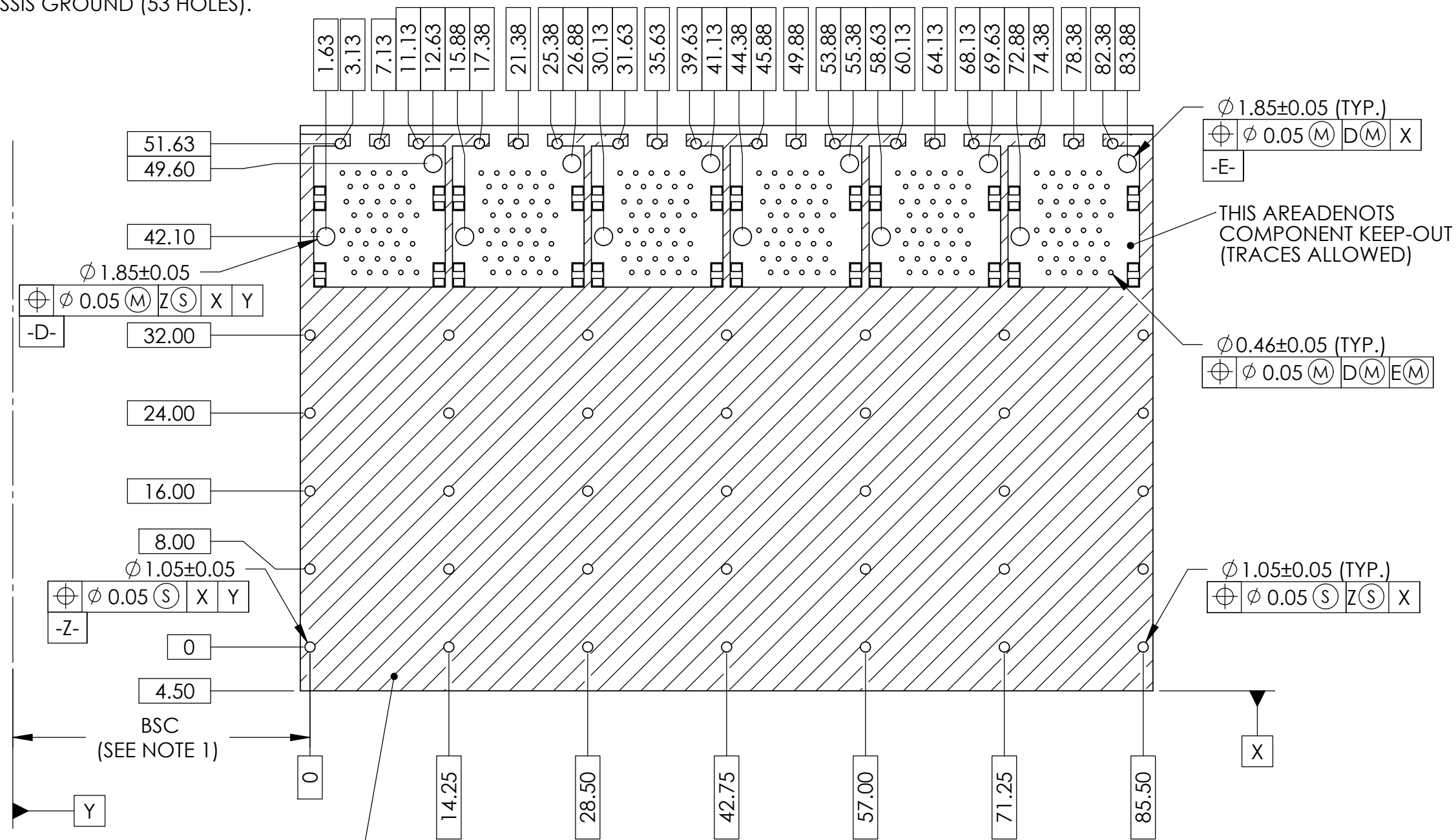
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.25 X.XX ± 0.15 ANGLES ± 1°	<b>APPROVALS</b>		<b>DATE</b>	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com
	DRAWN	ERIC.Z	AUG.30, 11	
	DESIGNED			
	CHECKED	ChigowX	AUG.30, 11	
MATERIAL AND FINISH	SEE NOTES		QA APPD	TITLE
REF.	X	IE APP'D		2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)
CODE IDENT. NO.	03554	DWG APP'D	J.SI	SIZE A4
			AUG.30, 11	DWG. NO. P-UE86-DX627-X0XX1
				SCALE 2:1
				PROJECT
				REV. B
				SHEET 6 OF 8

NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (53 HOLES).

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI



CROSS-HATCHED AREA DENOTS COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

2X6 PCB LAYOUT

DO NOT SCALE DRAWING

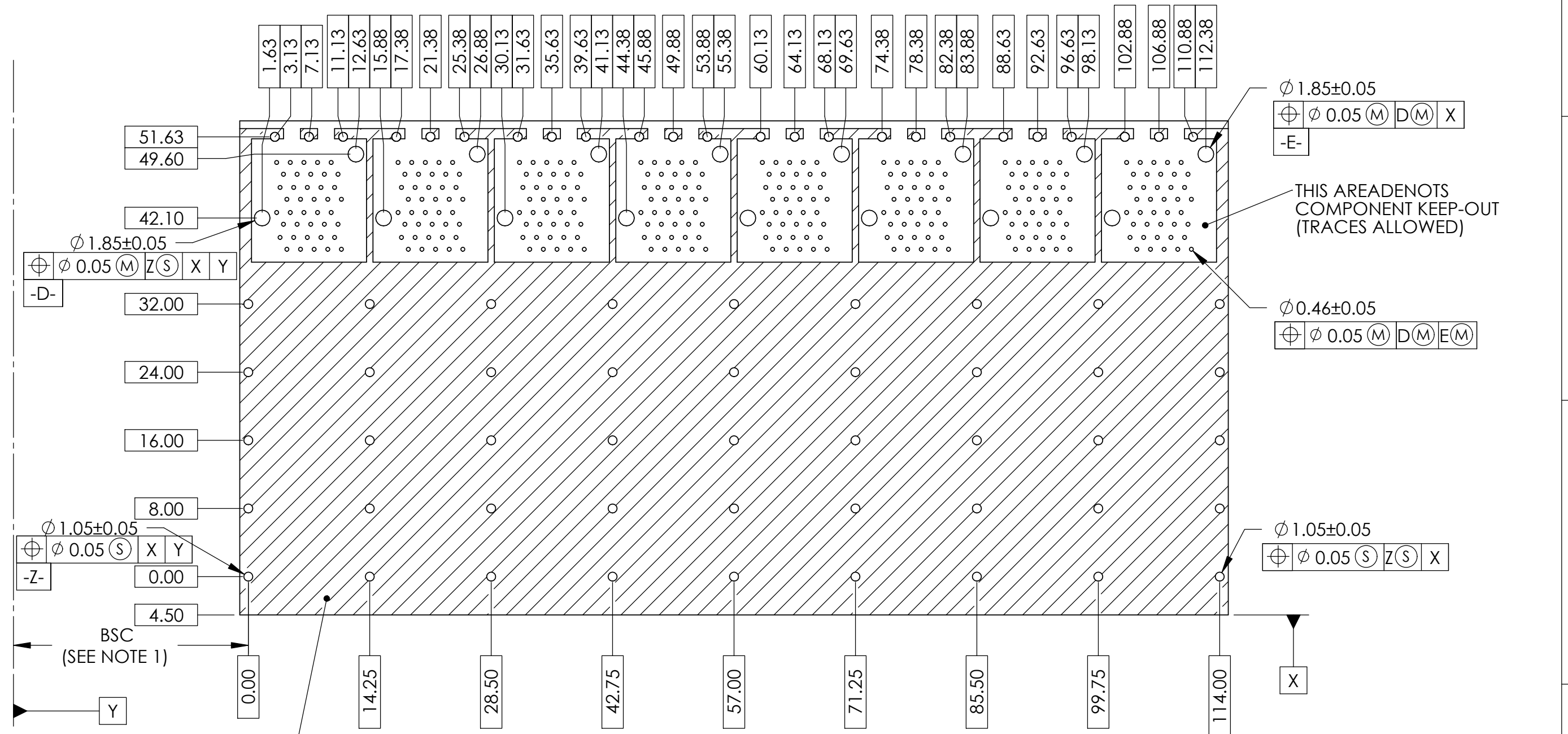
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol High Speed Interconnects	
DECIMALS X.X ± 0.25		DRAWN ERIC.Z		AUG.30, 11		A Division of Amphenol Corp. www.amphenol-highspeed.com	
ANGLES ± 1°		DESIGNED				TITLE	
MATERIAL AND FINISH SEE NOTES		CHECKED ChigowX		AUG.30, 11		2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)	
REF. X		QA APPD				SIZE A4 DWG. NO. P-UE86-DX627-X0XX1 REV. B	
CODE IDENT. NO. 03554		DWG APP'D J.SI		AUG.30, 11		SCALE 3:2 PROJECT SHEET 7 OF 8	

NOTES:

- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (69 HOLES).

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG.30, 11	J.SI
B		PROPOSAL	MAY.15, 13	J.SI



CROSS-HATCHED AREA DENOTS COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

**DO NOT SCALE DRAWING**

**2X8 PCB LAYOUT**

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	DRAWN	ERIC.Z	AUG.30, 11	
	DESIGNED			
	CHECKED	ChigowX	AUG.30, 11	
MATERIAL AND FINISH	SEE NOTES		QA APP'D	
REF.	X	IE APP'D		
CODE IDENT. NO.	03554	DWG APP'D	J.SI AUG.30, 11	





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](mailto:org@eplast1.ru)

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