

1

2

3

4

5

6

A

A

B

B

C

C

D

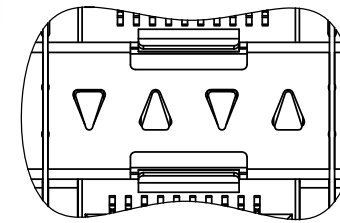
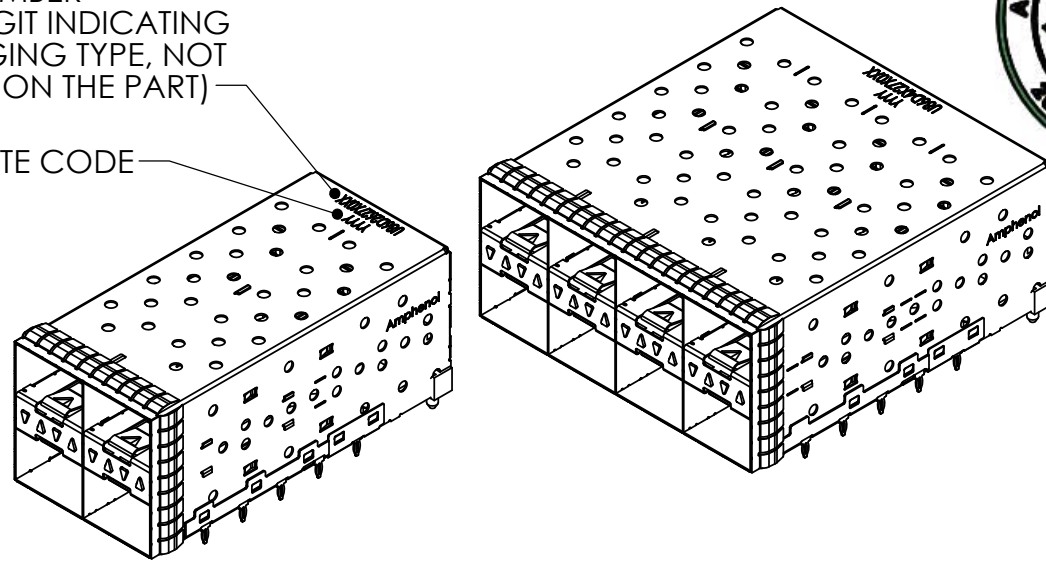
REVISIONS

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

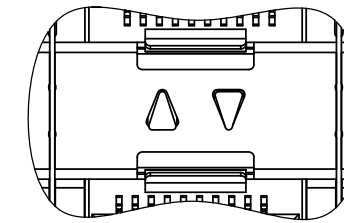


PART NUMBER
(LAST DIGIT INDICATING
PACKAGING TYPE, NOT
PRINTED ON THE PART)

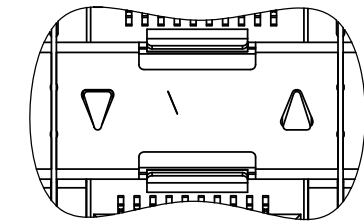
DATE CODE



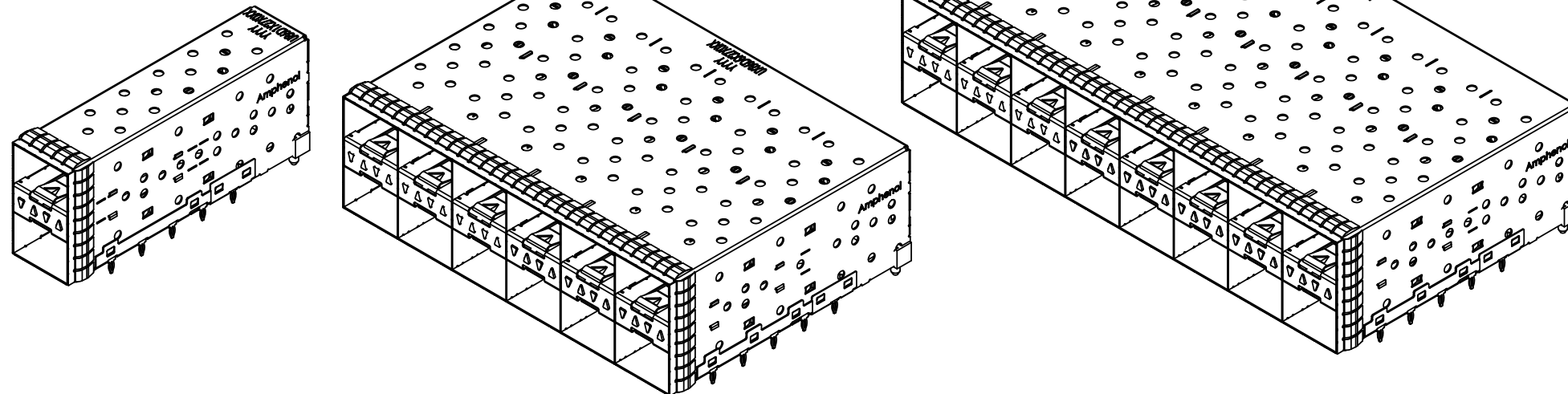
UE86-DX627-10XX1
4 LIGHT PIPES PER 2X1



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

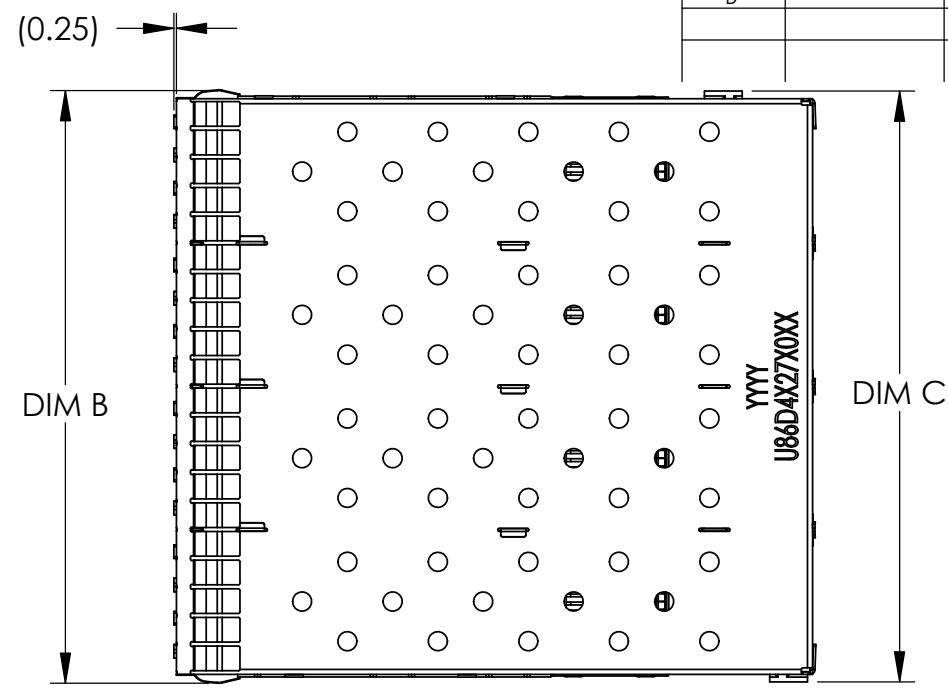
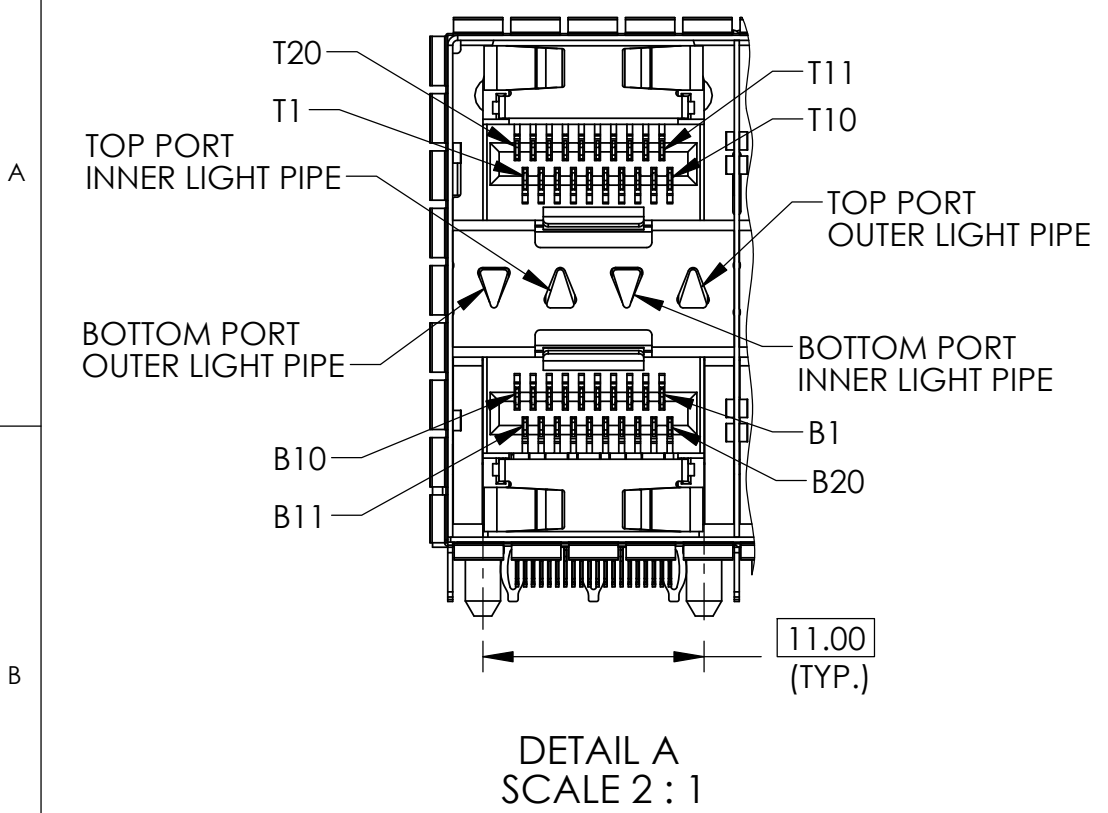
2XN SFP+ EXPRESSPORT™ COMBO
WITH LIGHT PIPE
(SPRING FINGER GASKET)

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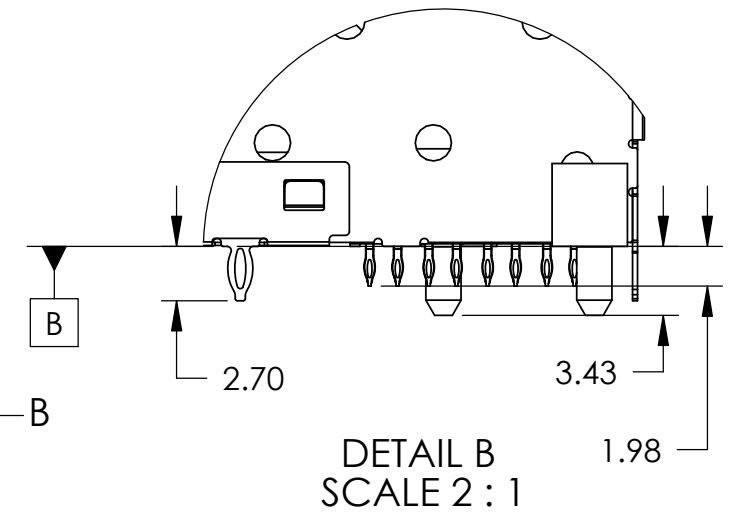
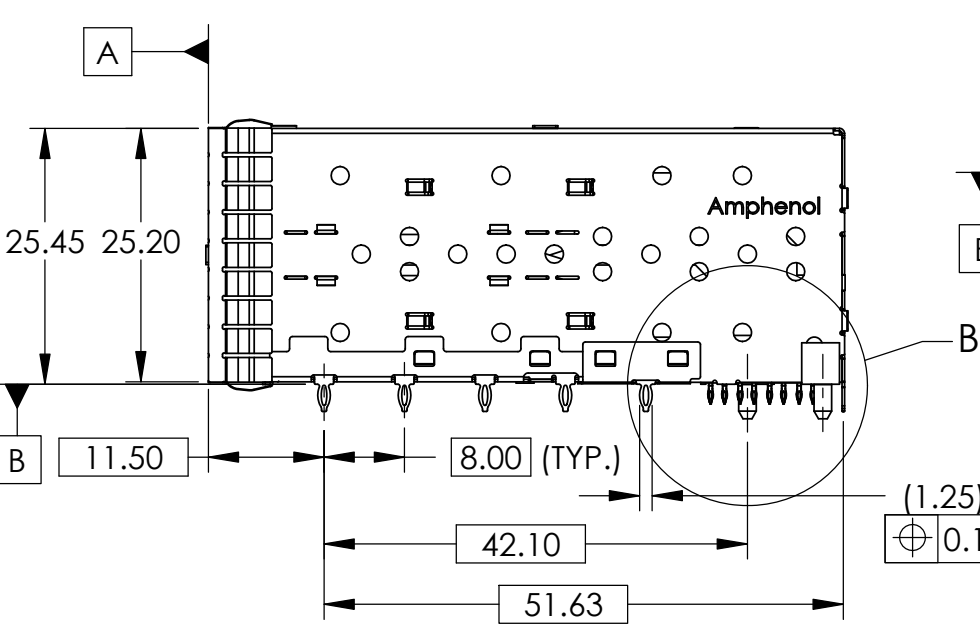
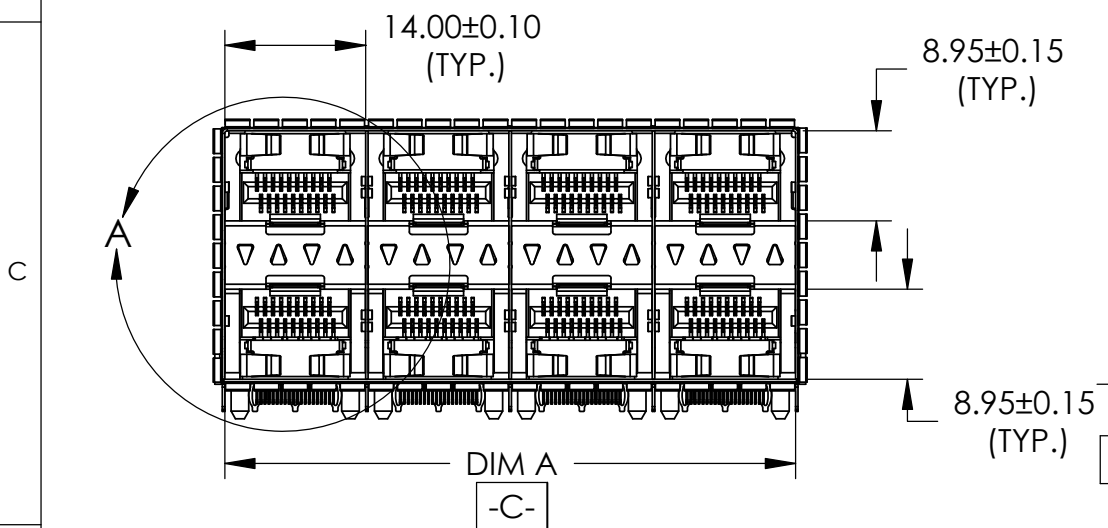
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
DECIMALS X.X ± 0.25		DRAWN ERIC.Z		AUG.30, 11		TITLE	
ANGLES ± 1°		DESIGNED				2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE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



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



(1.25) (TYP.)
⊕ 0.10 (M) C (M) A B

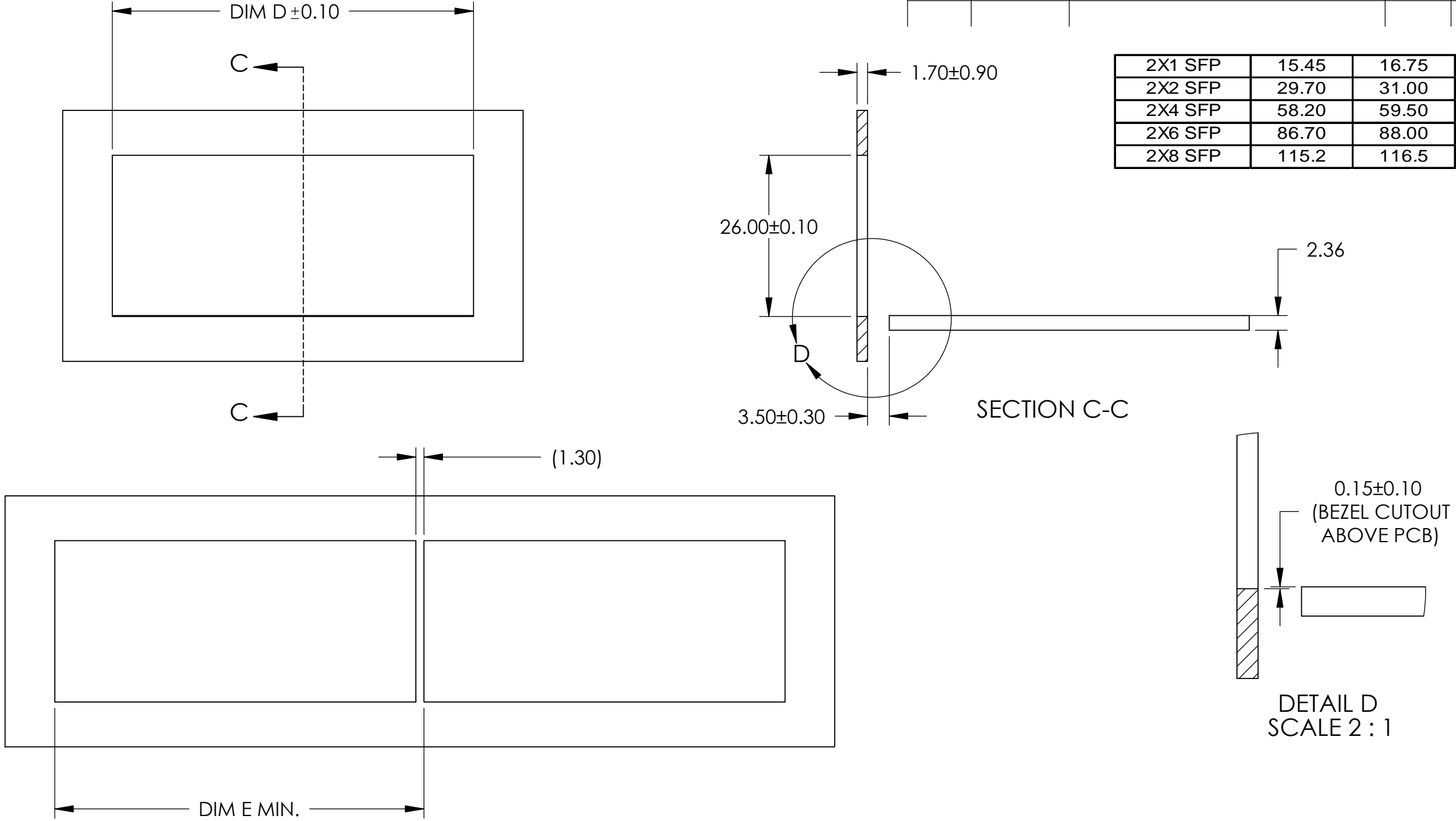
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	DRAWN	ERIC.Z	AUG.30, 11	
	DESIGNED			
	CHECKED	ChigowX	AUG.30, 11	
MATERIAL AND FINISH	SEE NOTES		QA APPD	TITLE
REF.	X	IE APP'D		2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)
CODE IDENT. NO.	03554	DWG APP'D	J.SI AUG.30, 11	SIZE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

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

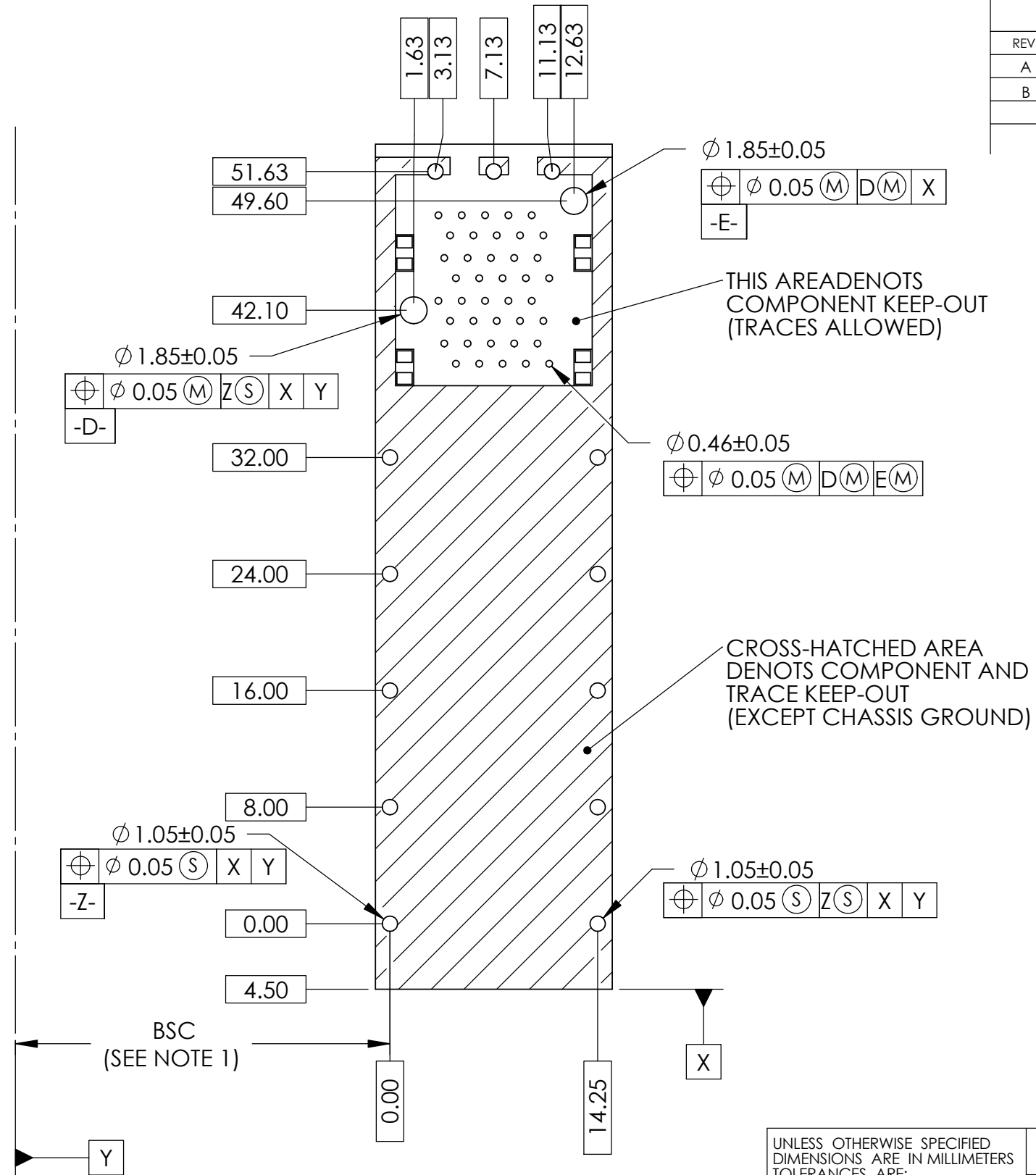


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15	APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
	DRAWN	ERIC.Z	AUG.30, 11		
	DESIGNED				
	CHECKED	ChigowX	AUG.30, 11		
MATERIAL AND FINISH	SEE NOTES		QA APP'D	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	AUG.30, 11	SIZE A4 DWG. NO. P-UE86-DX627-X0XX1 REV. B
					SCALE 1:1 PROJECT 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

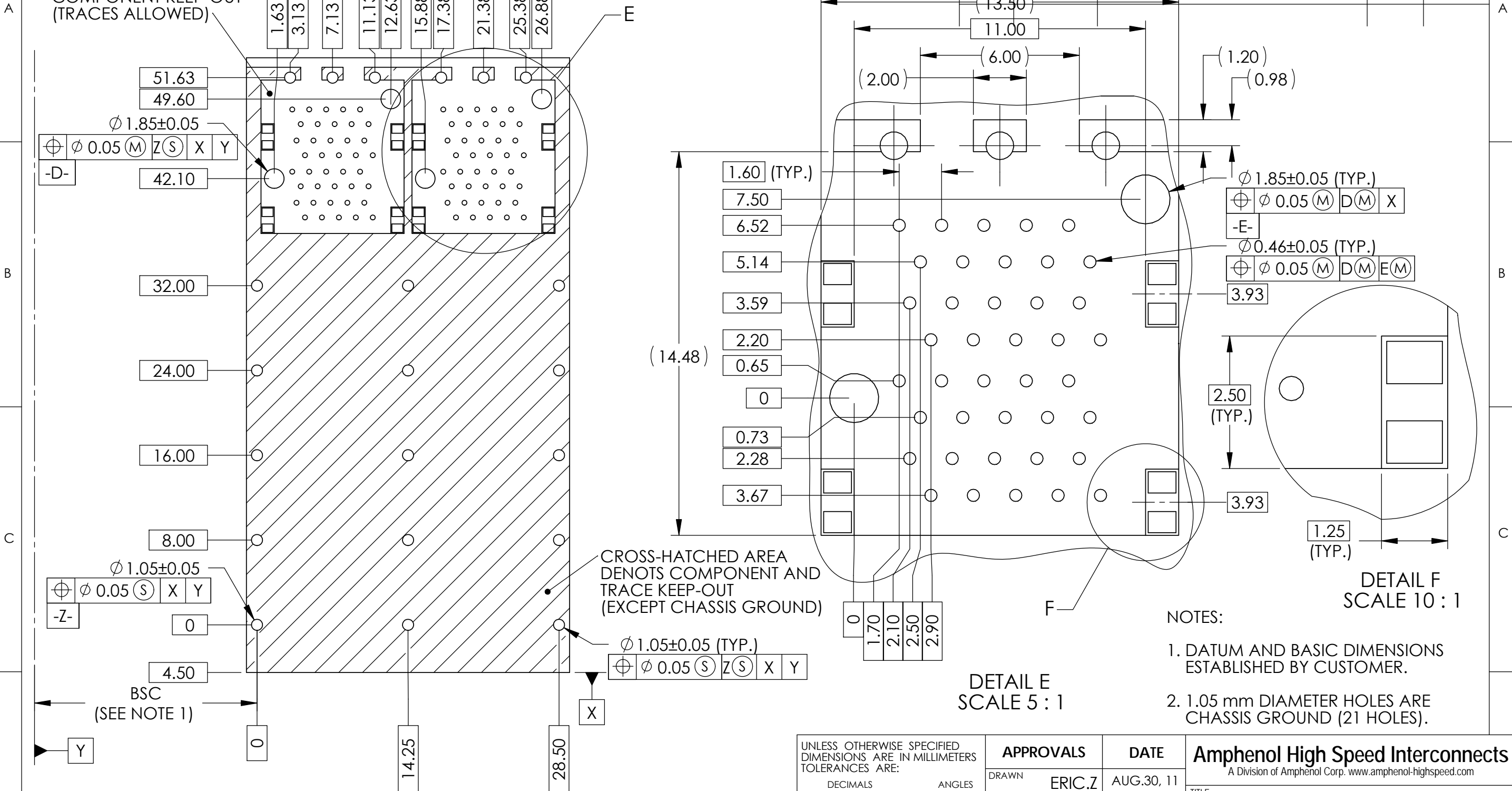
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	DRAWN	ERIC.Z	AUG.30, 11	
	DESIGNED			
	CHECKED	ChigowX	AUG.30, 11	
MATERIAL AND FINISH	SEE NOTES		QA APP'D	TITLE 2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)
REF.	X	IE APP'D	SIZE A4 DWG. NO. P-UE86-DX627-X0XX1 REV. B	
CODE IDENT.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

DETAIL E SCALE 5:1

DETAIL F SCALE 10:1

- 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	APPROVALS		DATE	Amphenol High Speed Interconnects 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 2:1 PROJECT SHEET 5 OF 8
	DRAWN	ERIC.Z	AUG.30, 11	
	DESIGNED			
	CHECKED	ChigowX	AUG.30, 11	
MATERIAL AND FINISH	SEE NOTES		QA APPD	
REF.	X	IE APP'D		
CODE IDENT. NO.	03554	DWG APP'D	J.SI AUG.30, 11	

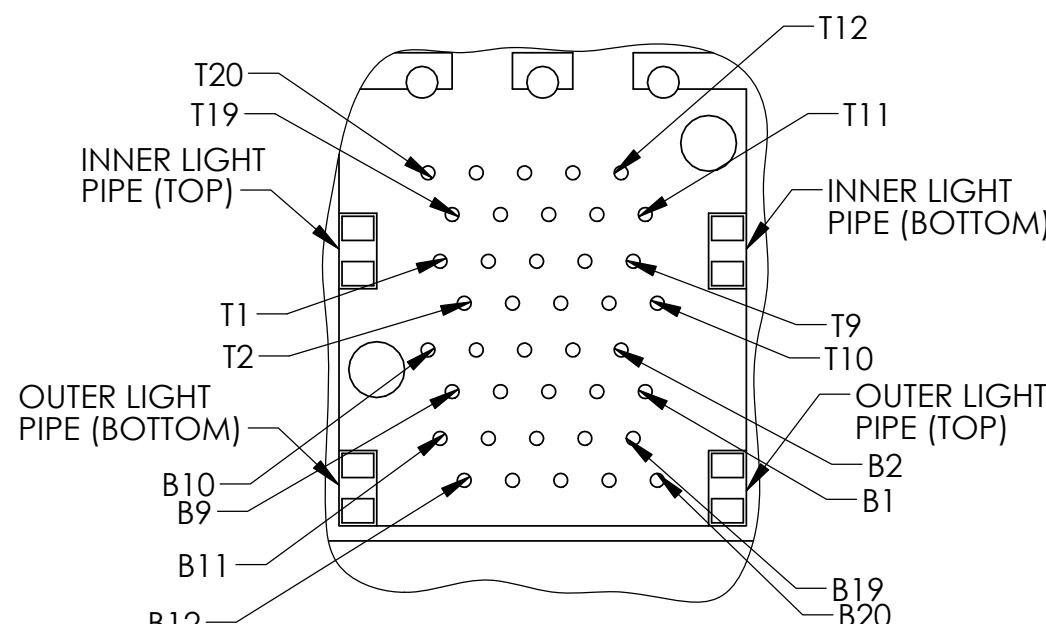
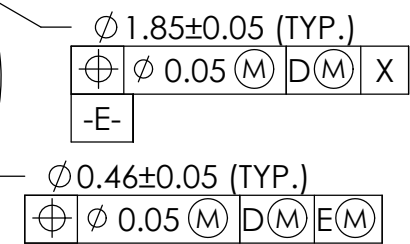
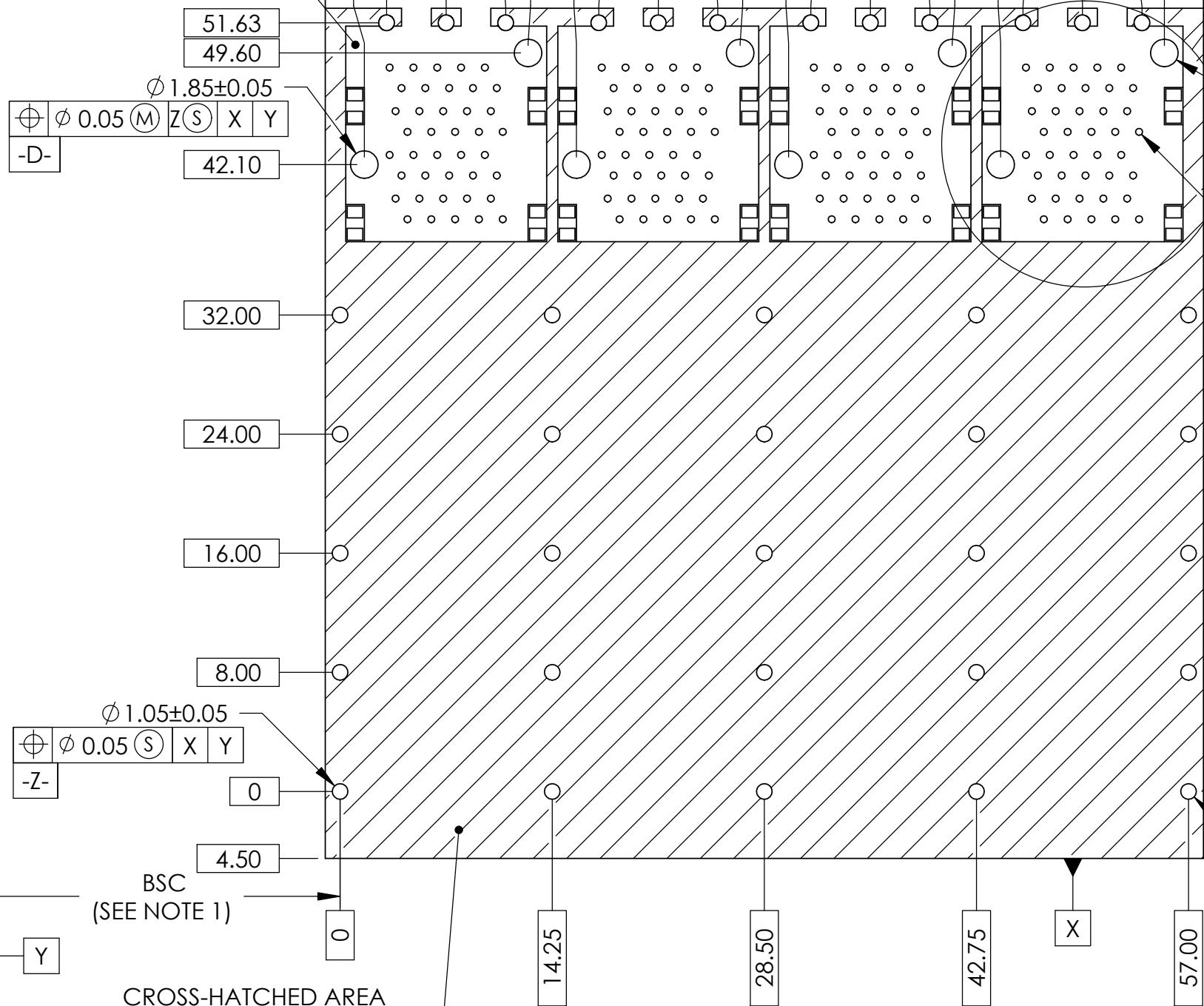
THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

REVISIONS

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

NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (37 HOLES).



**DETAIL G
SCALE 3 : 1**

BSC (SEE NOTE 1)

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

2X4 PCB LAYOUT

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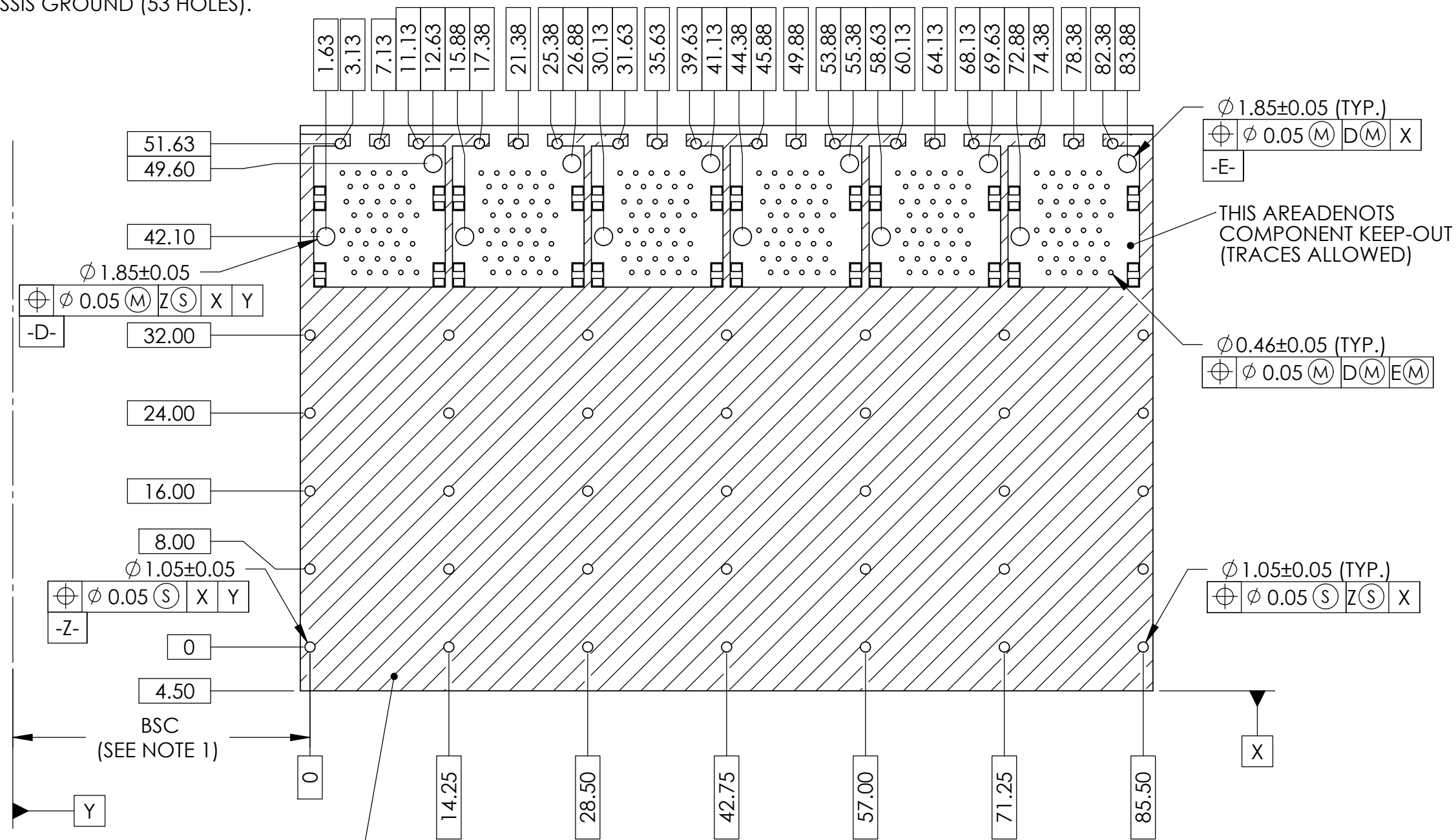
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15	APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
	DRAWN	ERIC.Z	AUG.30, 11	
	DESIGNED			
	CHECKED	ChigowX	AUG.30, 11	
MATERIAL AND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

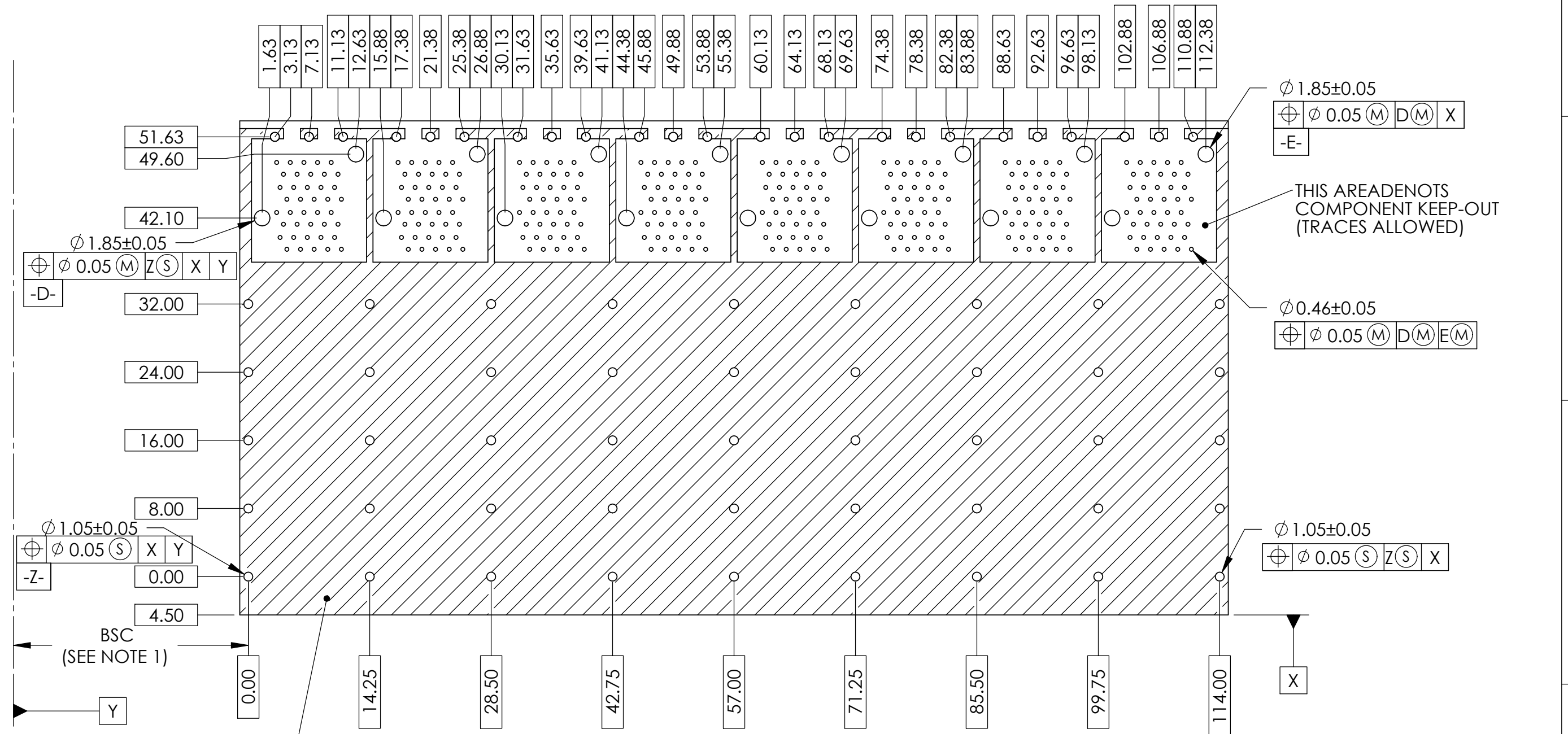
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DECIMALS X.X ± 0.25		DRAWN ERIC.Z		AUG.30, 11		A Division of Amphenol Corp. www.amphenol-highspeed.com	
ANGLES ± 1°		DESIGNED				TITLE	
MATERIAL AND FINISH SEE NOTES		CHECKED ChigowX		AUG.30, 11		2XN SFP+ EXPRESSPORT™ COMBO WITH LIGHT PIPE (SPRING FINGER GASKET)	
REF. X		QA APP'D				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	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 DWG. NO. P-UE86-DX627-X0XX1 REV. B
			AUG.30, 11	SCALE 3:2 PROJECT SHEET 8 OF 8

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

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