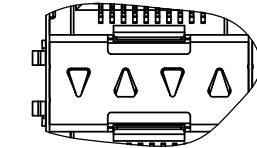
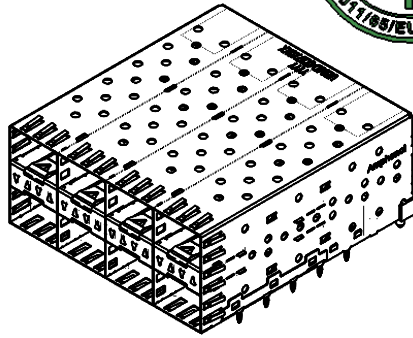
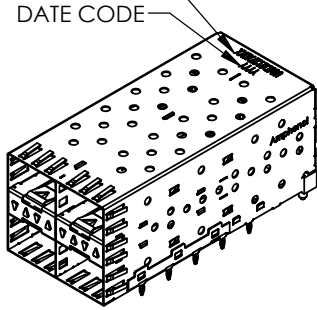




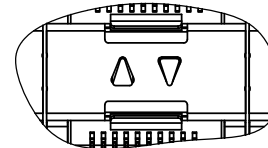
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI

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

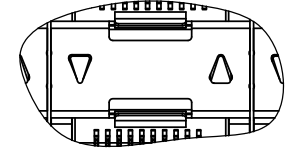
DATE CODE



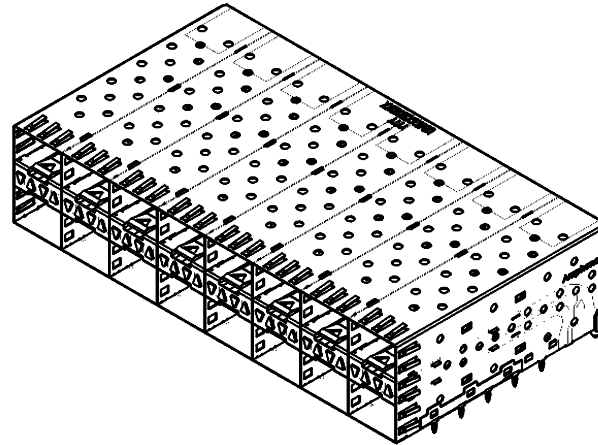
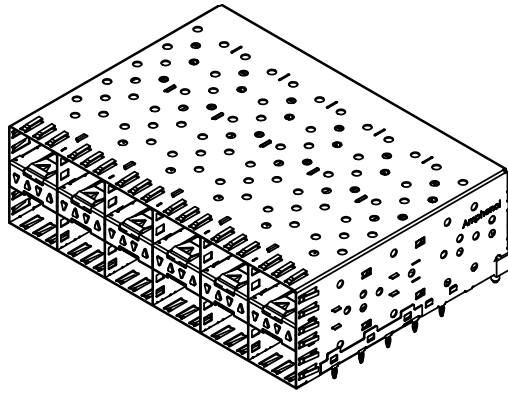
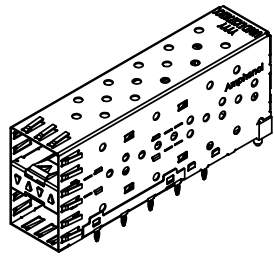
UE86-DX127-10XX1
(4 LIGHT PIPES PER 2X1)



UE86-DX127-20XX1
(2 INNER LIGHT PIPES PER 2X1)



UE86-DX127-30XX1
(2 INNER LIGHT PIPES PER 2X1)



MATERIAL: (RoHS COMPLIANT)

CAGE - PRESS FIT:
COPPER ALLOY

PLATING:

NICKEL 2.54 µm MIN.

CONNECTOR - PRESS FIT:

PLASTIC HOUSING:

LCP, FLAMMABILITY RATING UL94-V0.

CONTACTS:

PHOSPHOR BRONZE

PLATING OPTION:

SEE AMPHENOL PART NUMBER
CONFIGURATION FOR OPTIONS.

LIGHT PIPE:

CLEAR POLYCARBONATE, FLAMMABILITY
RATING UL94-V0.

PACKAGING:

TRAY PACKAGING.

TEMPERATURE RANGE:
-40°C TO +85°

AMPHENOL PART NUMBER CONFIGURATION

UE86 - D X 1 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

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	

MATERIAL AND FINISH

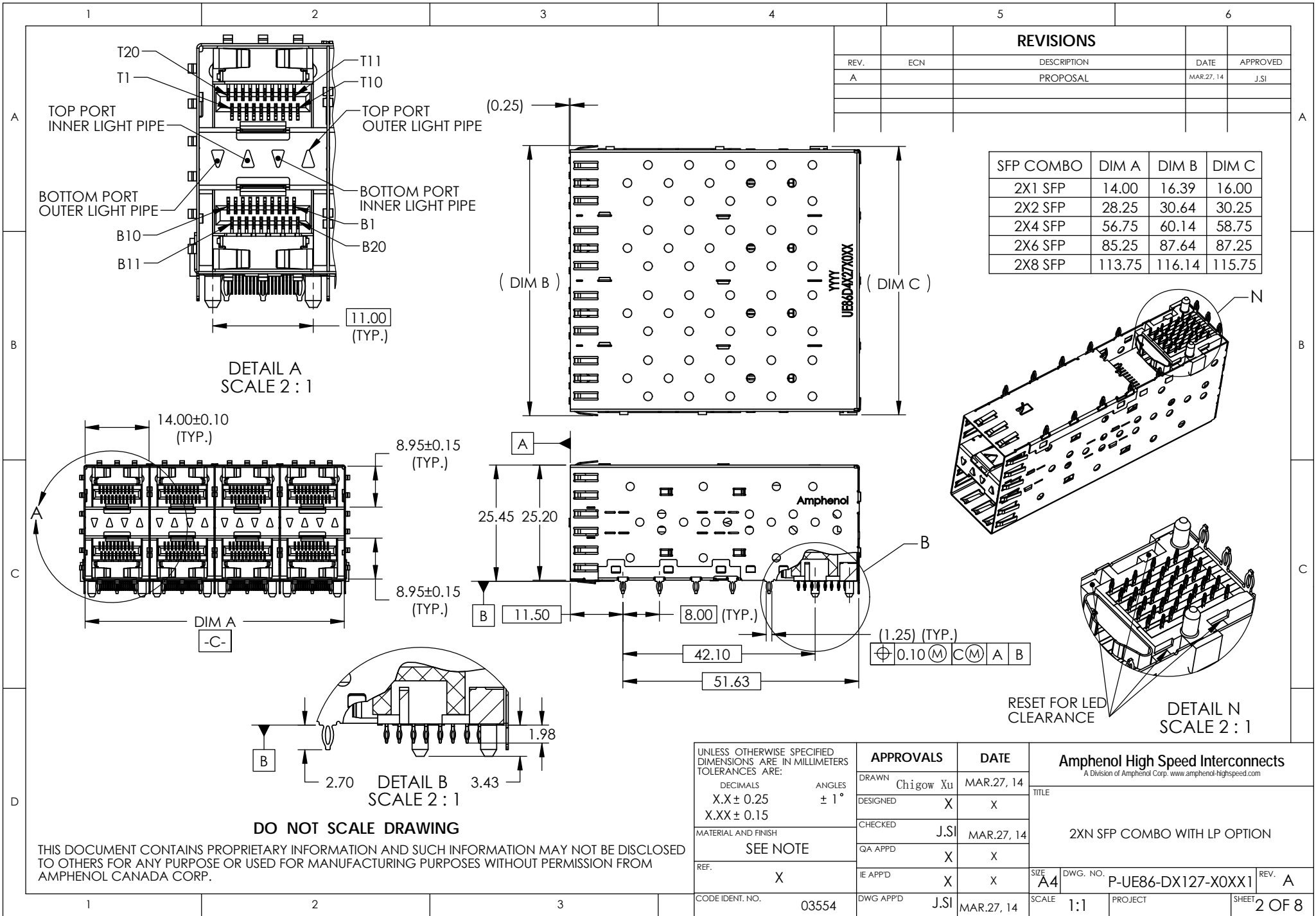
SEE NOTE

REF. X

CODE IDENT. NO. 03554

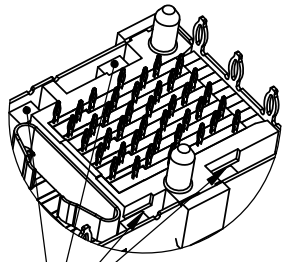
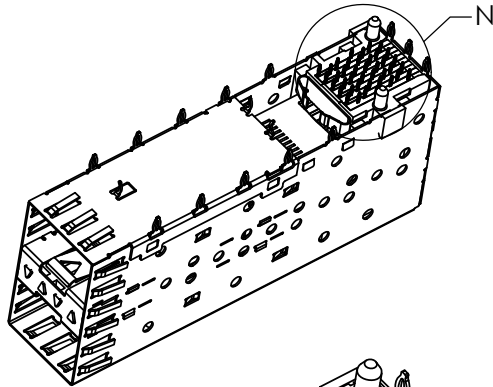
APPROVALS	DATE
DRAWN Chigov Xu	MAR.27.14
DESIGNED X	X
CHECKED J.SI	MAR.27.14
QA APP'D X	X
IE APP'D X	X
DWG APP'D J.SI	MAR.27.14

Amphenol High Speed Interconnects <small>A Division of Amphenol Corp. www.amphenol-highspeed.com</small>	
TITLE	
2XN SFP COMBO WITH LP OPTION	
SIZE A4	DWG. NO. P-UE86-DX127-X0XX1
SCALE 2:3	PROJECT
	SHEET 1 OF 8



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI

SFP COMBO	DIM A	DIM B	DIM C
2X1 SFP	14.00	16.39	16.00
2X2 SFP	28.25	30.64	30.25
2X4 SFP	56.75	60.14	58.75
2X6 SFP	85.25	87.64	87.25
2X8 SFP	113.75	116.14	115.75



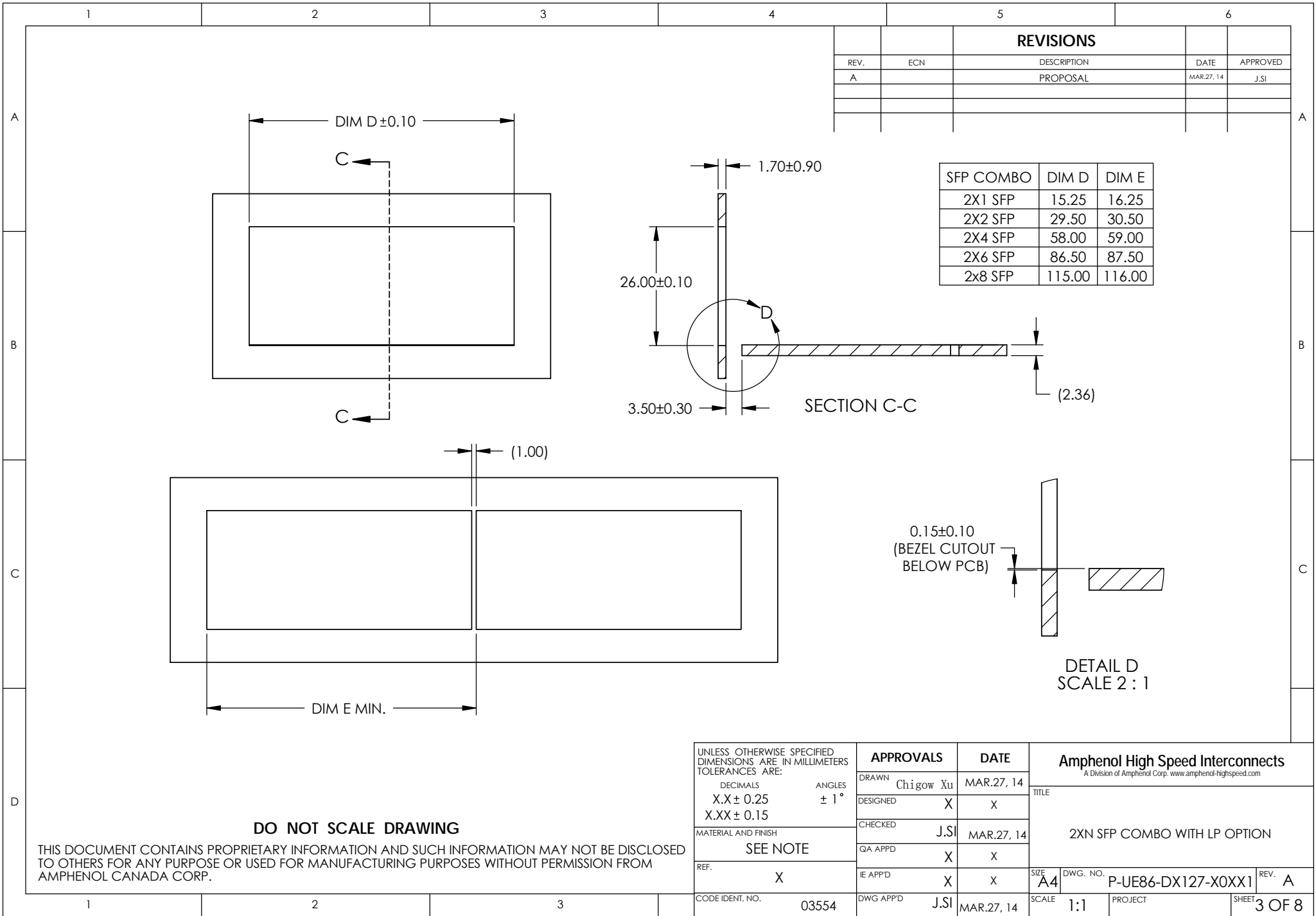
RESET FOR LED CLEARANCE

DETAIL N
SCALE 2 : 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15		APPROVALS		DATE	
MATERIAL AND FINISH SEE NOTE		DRAWN Chigov Xu		MAR.27.14	
REF. X		DESIGNED X		X	
CODE IDENT. NO. 03554		CHECKED J.SI		MAR.27.14	
		QA APPD X		X	
		IE APPD X		X	
		DWG APPD J.SI		MAR.27.14	

Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com		
TITLE		
2XN SFP COMBO WITH LP OPTION		
SIZE A4	DWG. NO. P-UE86-DX127-XOXX1	REV. A
SCALE 1:1	PROJECT	SHEET 2 OF 8

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REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI

SFP COMBO	DIM D	DIM E
2X1 SFP	15.25	16.25
2X2 SFP	29.50	30.50
2X4 SFP	58.00	59.00
2X6 SFP	86.50	87.50
2X8 SFP	115.00	116.00

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE
DECIMALS	ANGLES	DRAWN Chigow Xu	MAR.27, 14
X.X ± 0.25	± 1°	DESIGNED X	X
X.XX ± 0.15		CHECKED J.SI	MAR.27, 14
MATERIAL AND FINISH		QA APP'D X	X
SEE NOTE		IE APP'D X	X
REF. X		DWG APP'D J.SI	MAR.27, 14

Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
TITLE			
2XN SFP COMBO WITH LP OPTION			
SIZE A4	DWG. NO. P-UE86-DX127-XOXX1	REV. A	
SCALE 1:1	PROJECT	SHEET 3 OF 8	

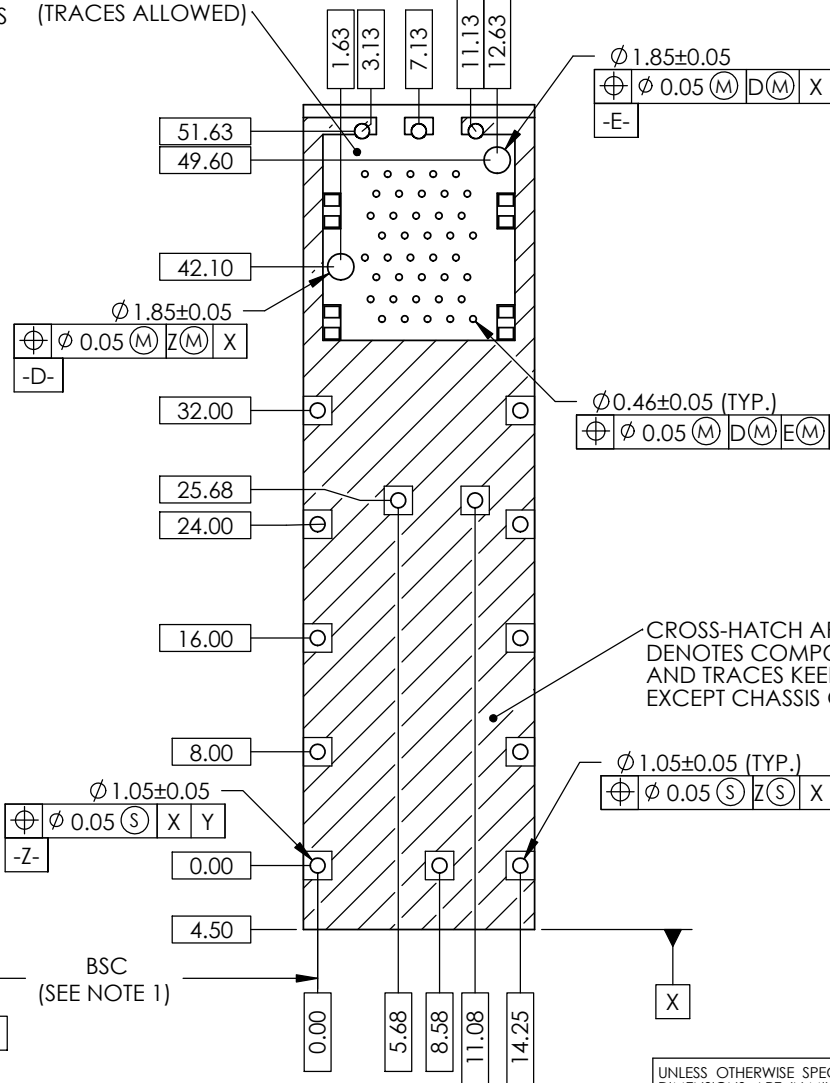
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NOTES:

- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (16 HOLES).

THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)



REVISIONS

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A		PROPOSAL	MAR.27.14	J.SI

2X1 PCB LAYOUT

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DECIMALS	ANGLES	DRAWN Chigow Xu	MAR.27, 14	TITLE	
X.X ± 0.25	± 1°	DESIGNED X	X	2X1 SFP COMBO WITH LP OPTION	
X.XX ± 0.15		CHECKED J.SI	MAR.27, 14		
MATERIAL AND FINISH		QA APP'D X	X	SIZE A4	DWG. NO. P-UE86-DX127-X0XX1
SEE NOTE		IE APP'D X	X	SCALE 1:1	PROJECT
REF. X		DWG APP'D J.SI	MAR.27, 14	SHEET 4 OF 8	
CODE IDENT. NO. 03554					REV. A

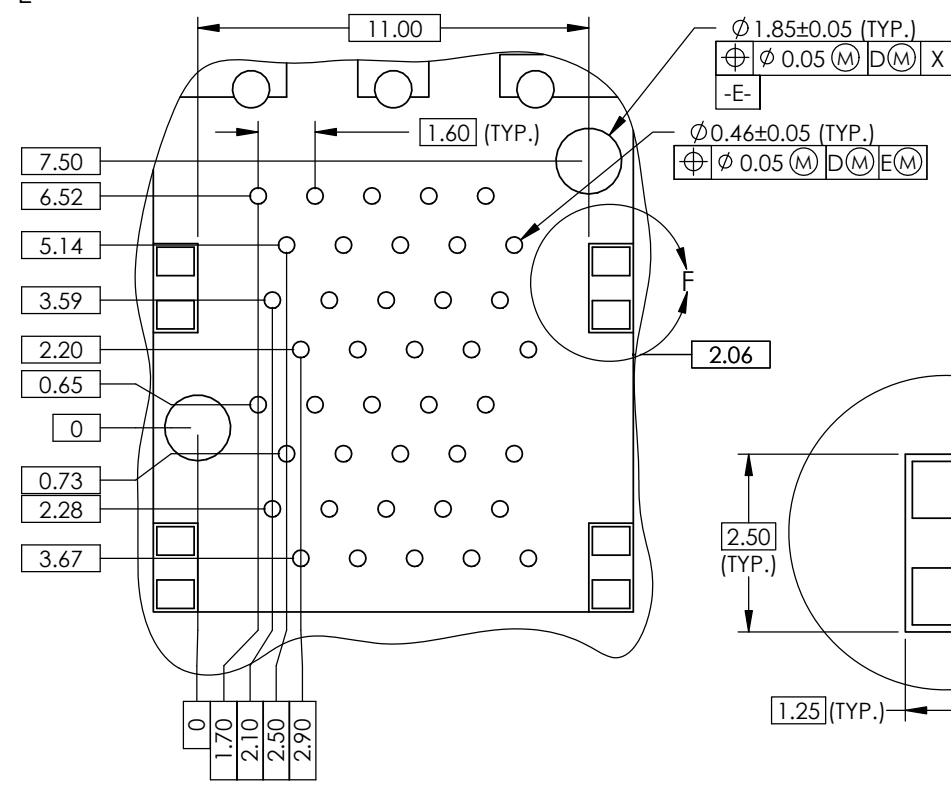
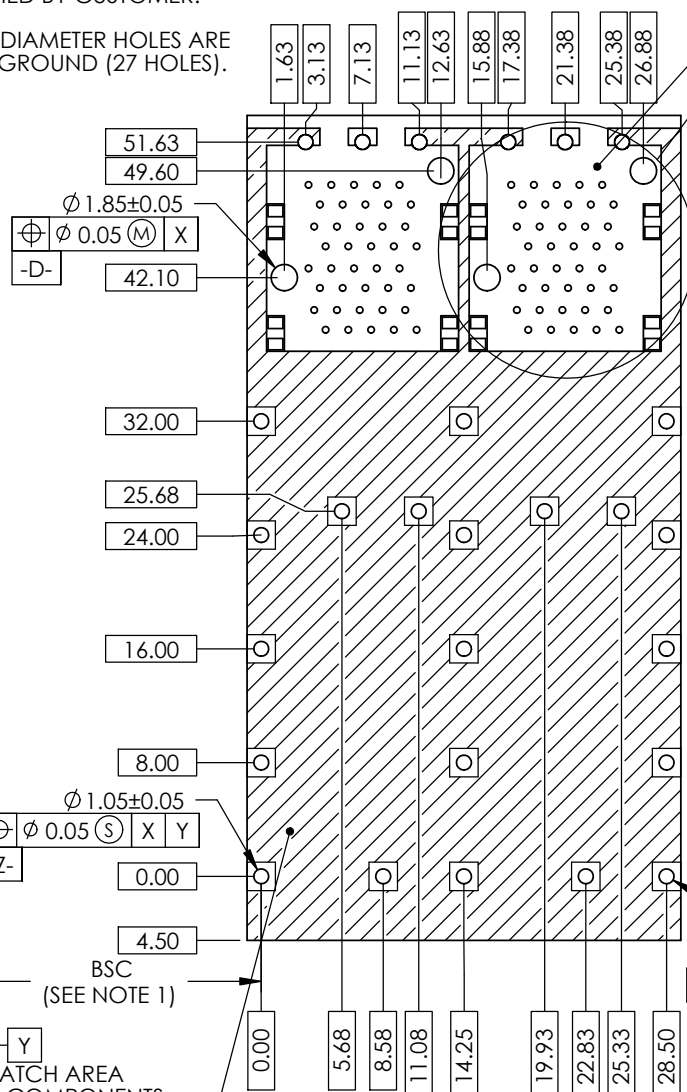
NOTES:

- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (27 HOLES).

REVISIONS

REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI

THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)



DETAIL E
SCALE 5 : 1

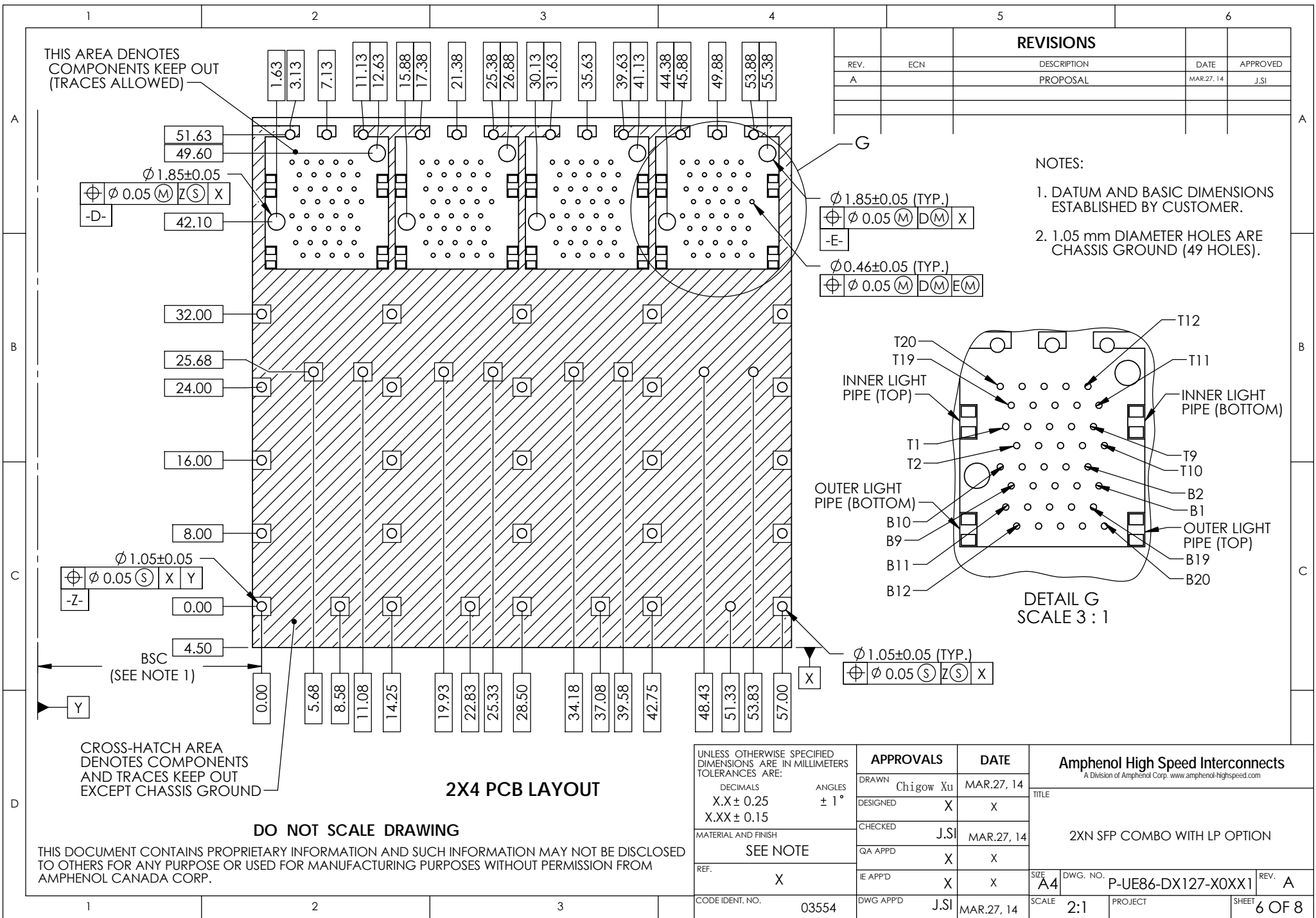
DETAIL F
SCALE 10 : 1

DO NOT SCALE DRAWING 2X2 PCB LAYOUT

CROSS-HATCH AREA DENOTES COMPONENTS AND TRACES KEEP OUT EXCEPT CHASSIS GROUND

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.25 X.XX ± 0.15 ANGLES ± 1°	APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
	DRAWN	Chigow Xu	MAR.27, 14	
MATERIAL AND FINISH SEE NOTE	DESIGNED	X	X	2X2N SFP COMBO WITH LP OPTION
	CHECKED	J.SI	MAR.27, 14	
REF. X	QA APPD	X	X	SIZE A4 DWG. NO. P-UE86-DX127-XOXX1 REV. A
	IE APPD	X	X	
CODE IDENT. NO. 03554	DWG APPD	J.SI	MAR.27, 14	SCALE 2:1 PROJECT SHEET 5 OF 8



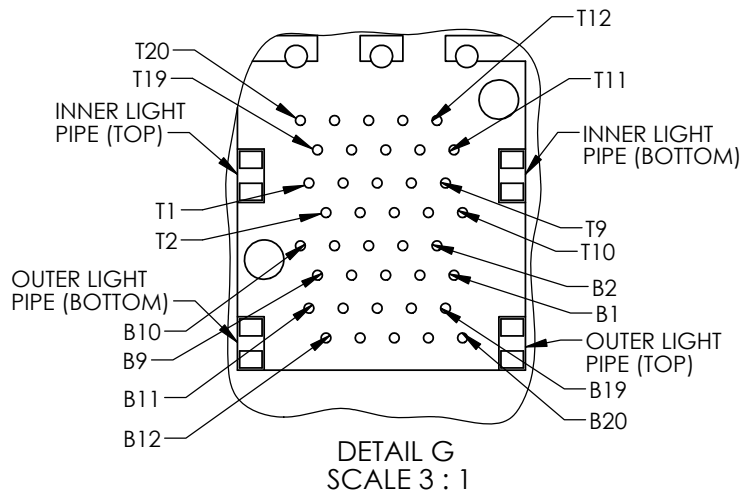
THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI

- NOTES:
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 - 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (49 HOLES).

$\varnothing 1.85 \pm 0.05$ (TYP.)
 $\varnothing 0.05$ (M) (D) (M) (X)
 -E-

$\varnothing 0.46 \pm 0.05$ (TYP.)
 $\varnothing 0.05$ (M) (D) (M) (E) (M)



$\varnothing 1.05 \pm 0.05$
 $\varnothing 0.05$ (S) (X) (Y)
 -Z-

$\varnothing 1.05 \pm 0.05$ (TYP.)
 $\varnothing 0.05$ (S) (Z) (S) (X)

2X4 PCB LAYOUT

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol High Speed Interconnects <small>A Division of Amphenol Corp. www.amphenol-highspeed.com</small>				
DECIMALS	ANGLES	DRAWN	Chigow Xu	MAR.27, 14	TITLE 2XN SFP COMBO WITH LP OPTION					
X.X ± 0.25	± 1°	DESIGNED	X	X						
X.XX ± 0.15		CHECKED	J.SI	MAR.27, 14						
MATERIAL AND FINISH		QA APPD	X	X						
SEE NOTE		IE APPD	X	X	SIZE	A4	DWG. NO.	P-UE86-DX127-XOXX1	REV.	A
REF.	X	CODE IDENT. NO.	03554	DWG APPD	J.SI	MAR.27, 14	SCALE	2:1	PROJECT	
SHEET 6 OF 8										

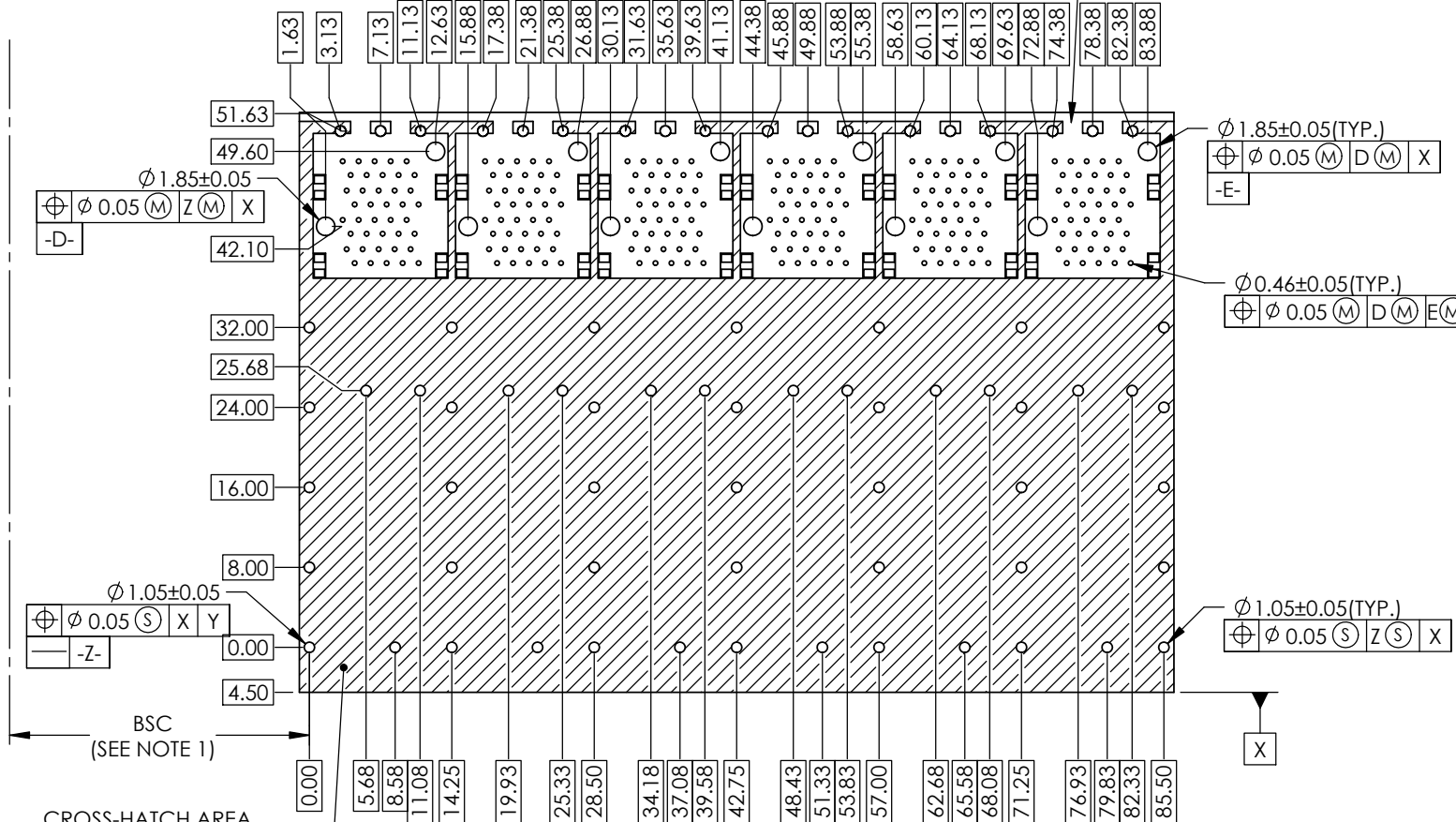
NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (71 HOLES).

THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)

REVISIONS

REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI



2X6 PCB LAYOUT

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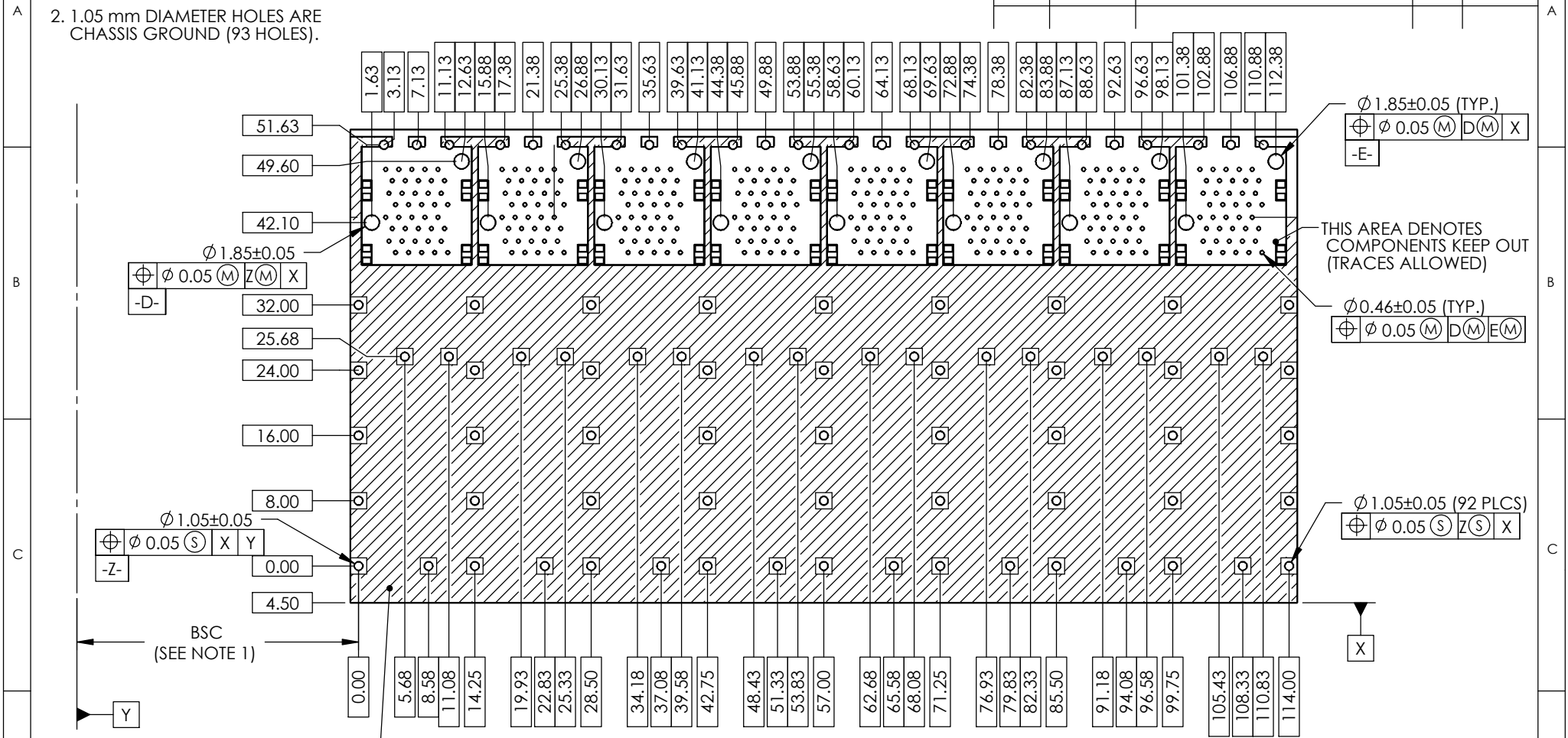
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15	APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com TITLE 2XN SFP COMBO WITH LP OPTION
	DRAWN	Chigow Xu	MAR.27.14	
	DESIGNED	X	X	
	CHECKED	J.SI	MAR.27.14	
MATERIAL AND FINISH	SEE NOTE		QA APPD	X
REF.	X	IE APPD	X	X
CODE IDENT. NO.	03554	DWG APPD	J.SI	MAR.27.14
SIZE	A4	DWG. NO.	P-UE86-DX127-XOXX1	REV. A
SCALE	1:2	PROJECT		SHEET 7 OF 8

NOTES:

- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (93 HOLES).

REVISIONS

REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI



CROSS-HATCH AREA DENOTES COMPONENTS AND TRACES KEEP OUT EXCEPT CHASSIS GROUND

2X8 PCB LAYOUT

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APPROVALS	DATE																		
DRAWN Chigow Xu	MAR.27.14																		
DESIGNED X	X																		
CHECKED J.SI	MAR.27.14																		
QA APPD X	X																		
IE APPD X	X																		
DWG APPD J.SI	MAR.27.14																		

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

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