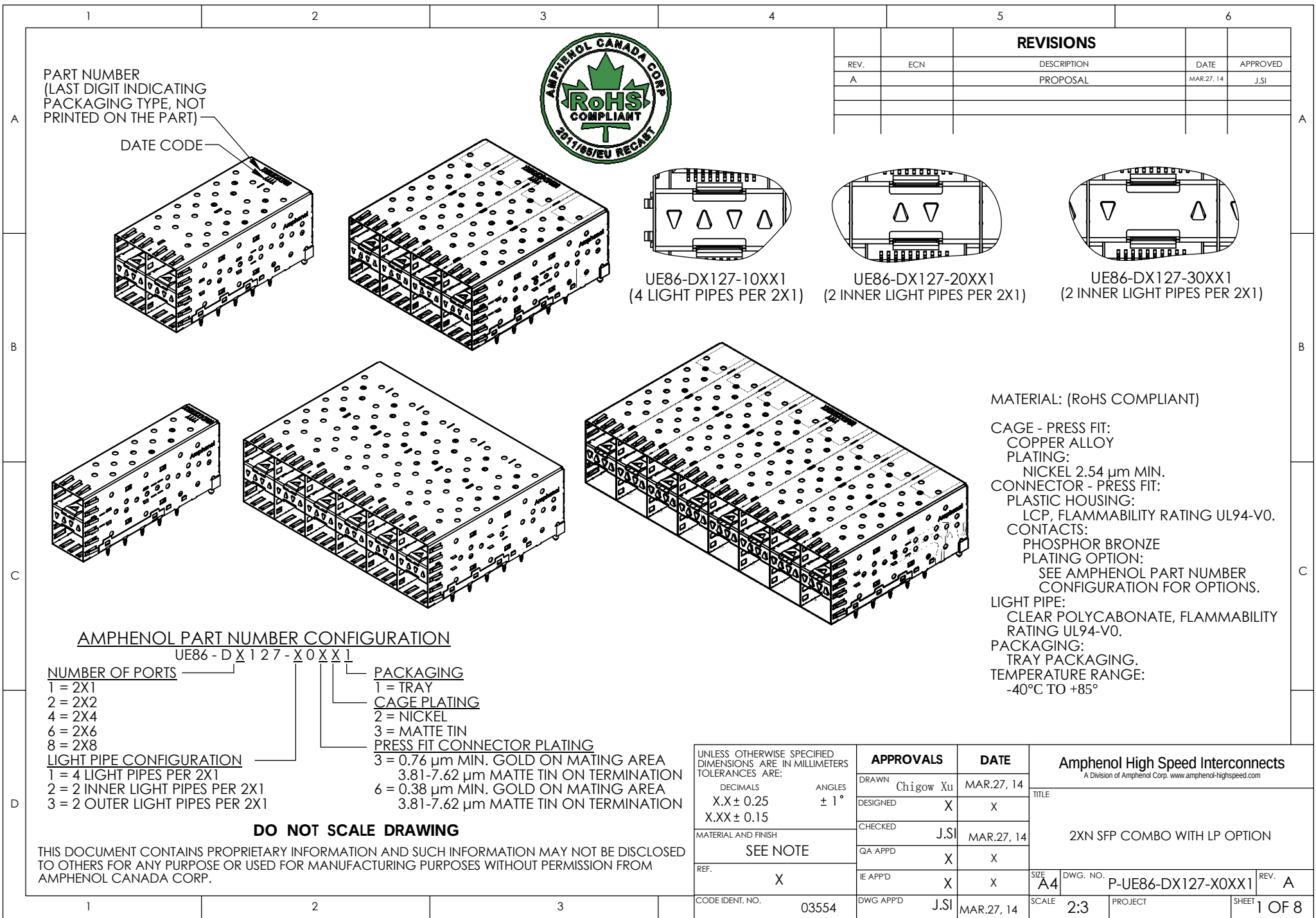




PART NUMBER
(LAST DIGIT INDICATING
PACKAGING TYPE, NOT
PRINTED ON THE PART)

DATE CODE



REVISIONS

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

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 μ m 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 μ m MIN. GOLD ON MATING AREA
3.81-7.62 μ m MATTE TIN ON TERMINATION
- 6 = 0.38 μ m MIN. GOLD ON MATING AREA
3.81-7.62 μ m MATTE TIN ON TERMINATION

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AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:

DECIMALS ANGLES
X.X $\pm$ 0.25 $\pm$ 1°
X.XX $\pm$ 0.15

MATERIAL AND FINISH

SEE NOTE

REF. X

CODE IDENT. NO. 03554

APPROVALS

DRAWN Chigow Xu

DESIGNED X

CHECKED J.SI

QA APP'D X

IE APP'D X

DWG APP'D J.SI

DATE

MAR.27.14

X

MAR.27.14

X

X

X

MAR.27.14

Amphenol High Speed Interconnects

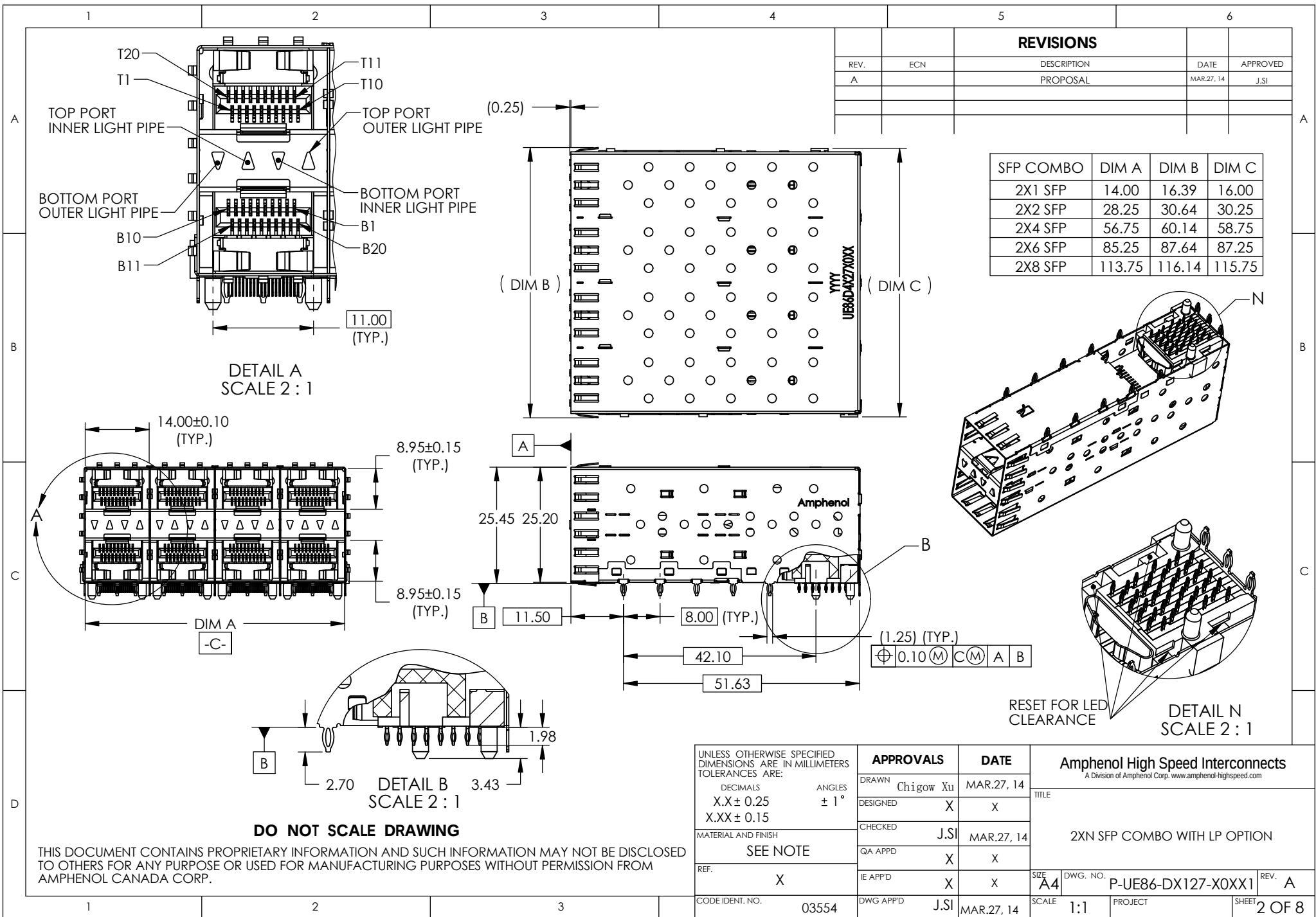
A Division of Amphenol Corp. www.amphenol-highspeed.com

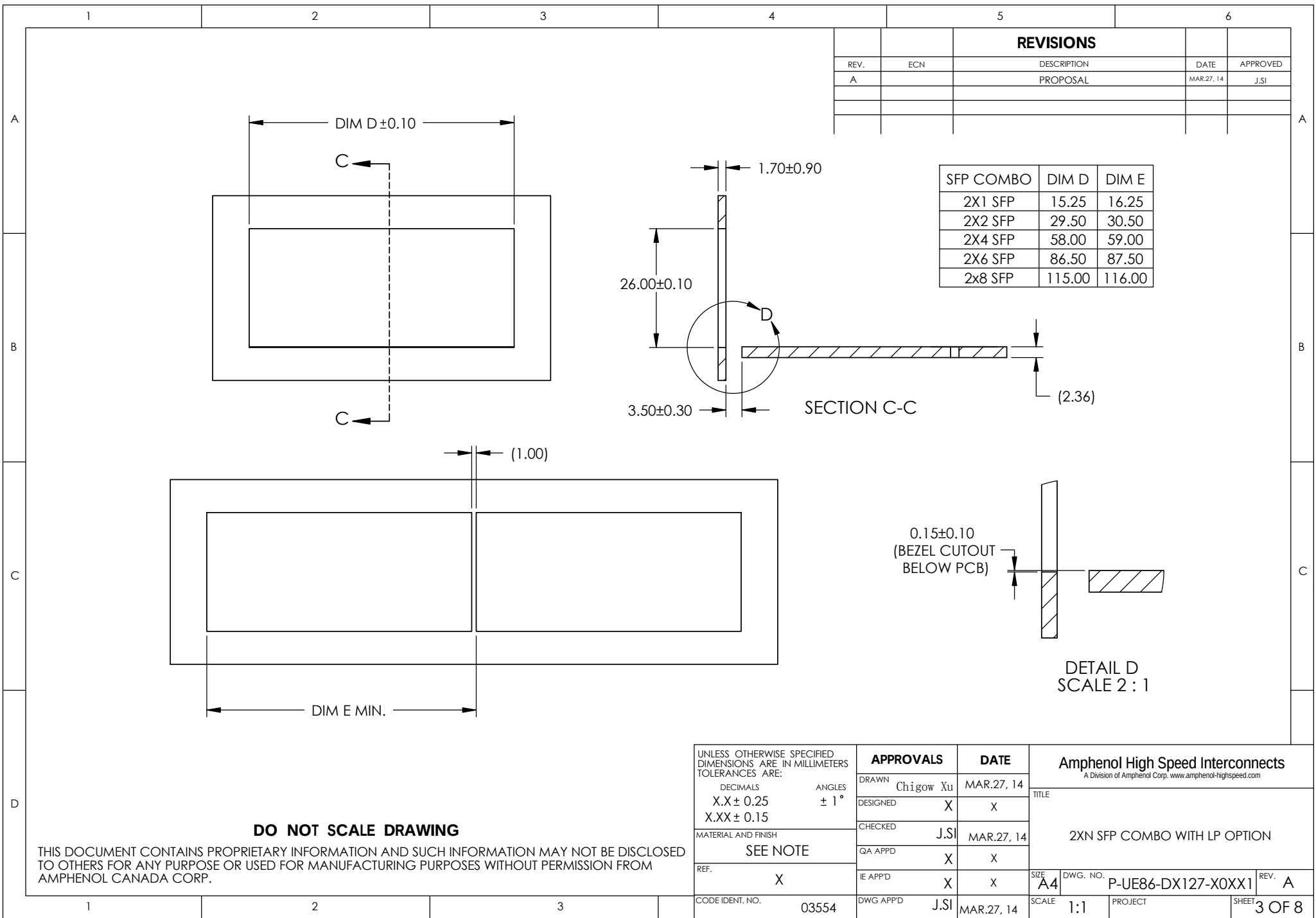
TITLE

2XN SFP COMBO WITH LP OPTION

SIZE A4 DWG. NO. P-UE86-DX127-X0XX1 REV. A

SCALE 2:3 PROJECT SHEET 1 OF 8





REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
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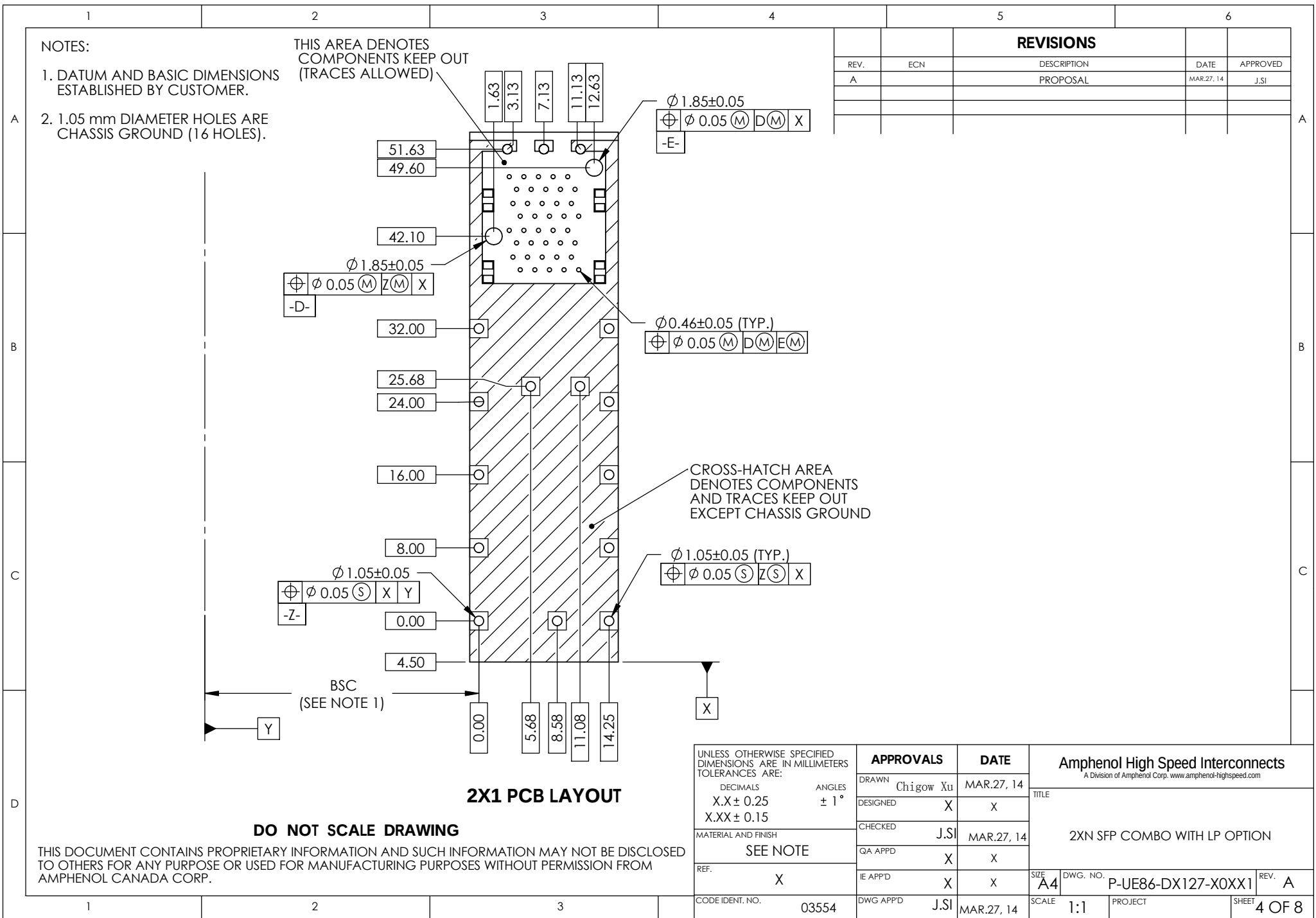
SFP COMBO	DIM D	DIM E
2X1 SFP	15.25	16.25
2X2 SFP	29.50	30.50
2X4 SFP	58.00	59.00
2X6 SFP	86.50	87.50
2x8 SFP	115.00	116.00

APPROVALS		DATE
DRAWN	Chigow 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		
A Division of Amphenol Corp. www.amphenol-highspeed.com		
TITLE		
2XN SFP COMBO WITH LP OPTION		
SIZE	DWG. NO.	REV.
A4	P-UE86-DX127-X0XX1	A
SCALE	PROJECT	SHEET
1:1		3 OF 8

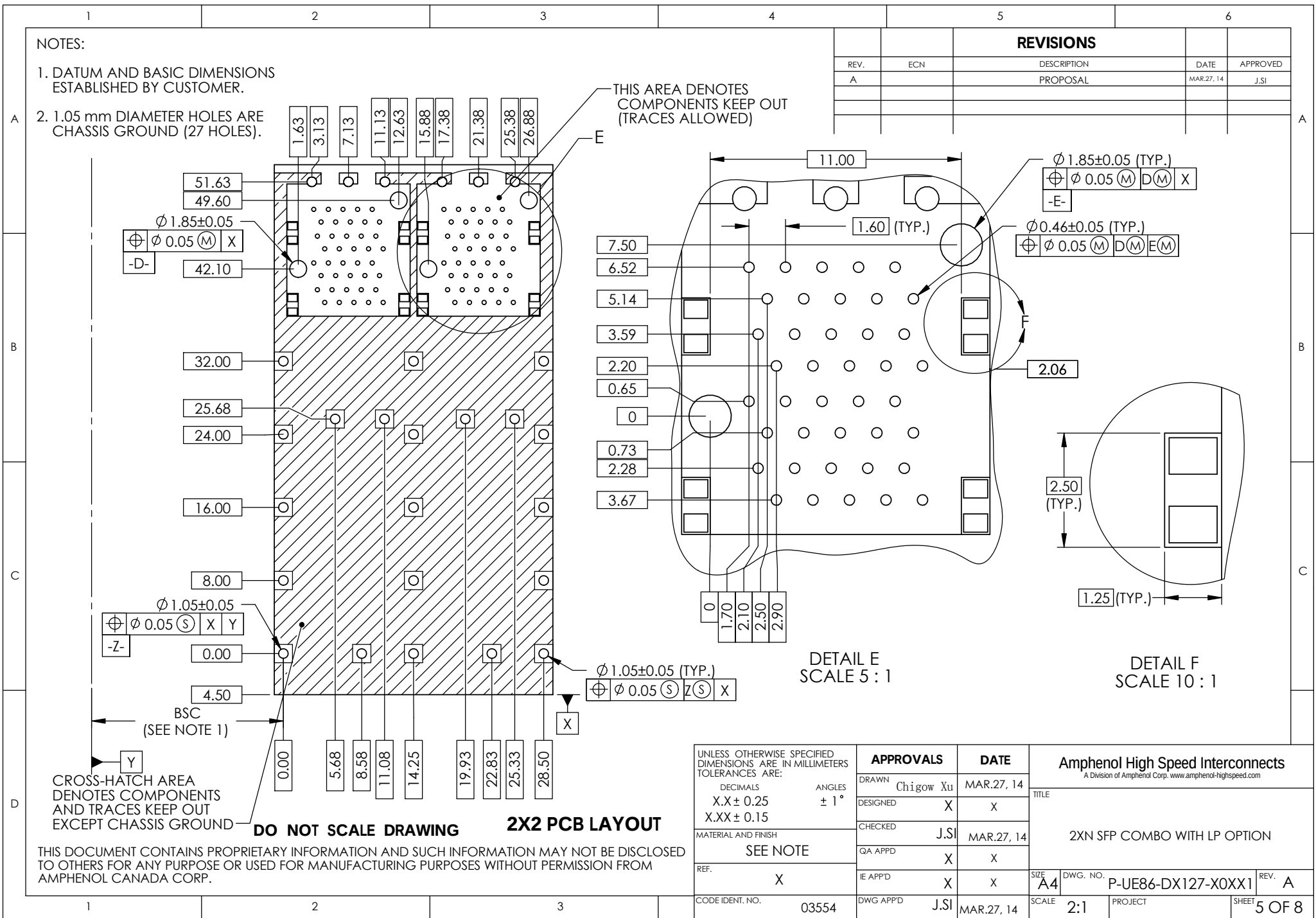
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REVISIONS				
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A		PROPOSAL	MAR.27, 14	J.SI

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



NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (27 HOLES).

REVISIONS

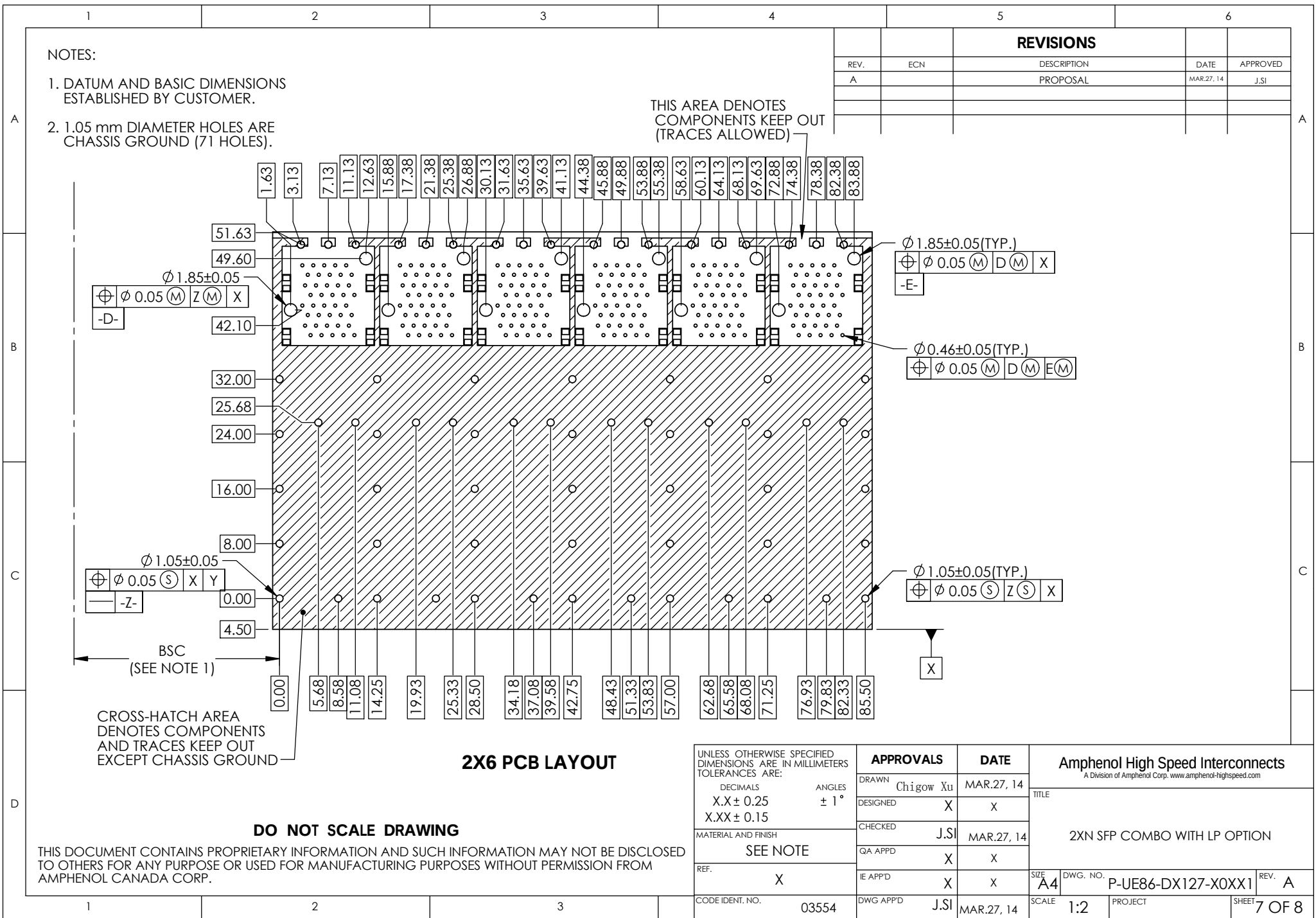
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI

THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)

DETAIL E
SCALE 5 : 1

DETAIL F
SCALE 10 : 1

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 Chigow Xu		MAR.27, 14		TITLE 2XN SFP COMBO WITH LP OPTION					
		DESIGNED X		X							
		CHECKED J.SI		MAR.27, 14							
MATERIAL AND FINISH SEE NOTE		QA APPD X		X		SIZE A4 DWG. NO. P-UE86-DX127-X0XX1 REV. A					
REF. X		IE APP'D X		X							
CODE IDENT. NO. 03554		DWG APP'D J.SI		MAR.27, 14		SCALE 2:1		PROJECT		SHEET 5 OF 8	



NOTES:

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

REVISIONS

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

Ø 1.85±0.05 (TYP.)
Ø 0.05 (M) D (M) X
-E-

Ø 0.46±0.05 (TYP.)
Ø 0.05 (M) D (M) E (M)

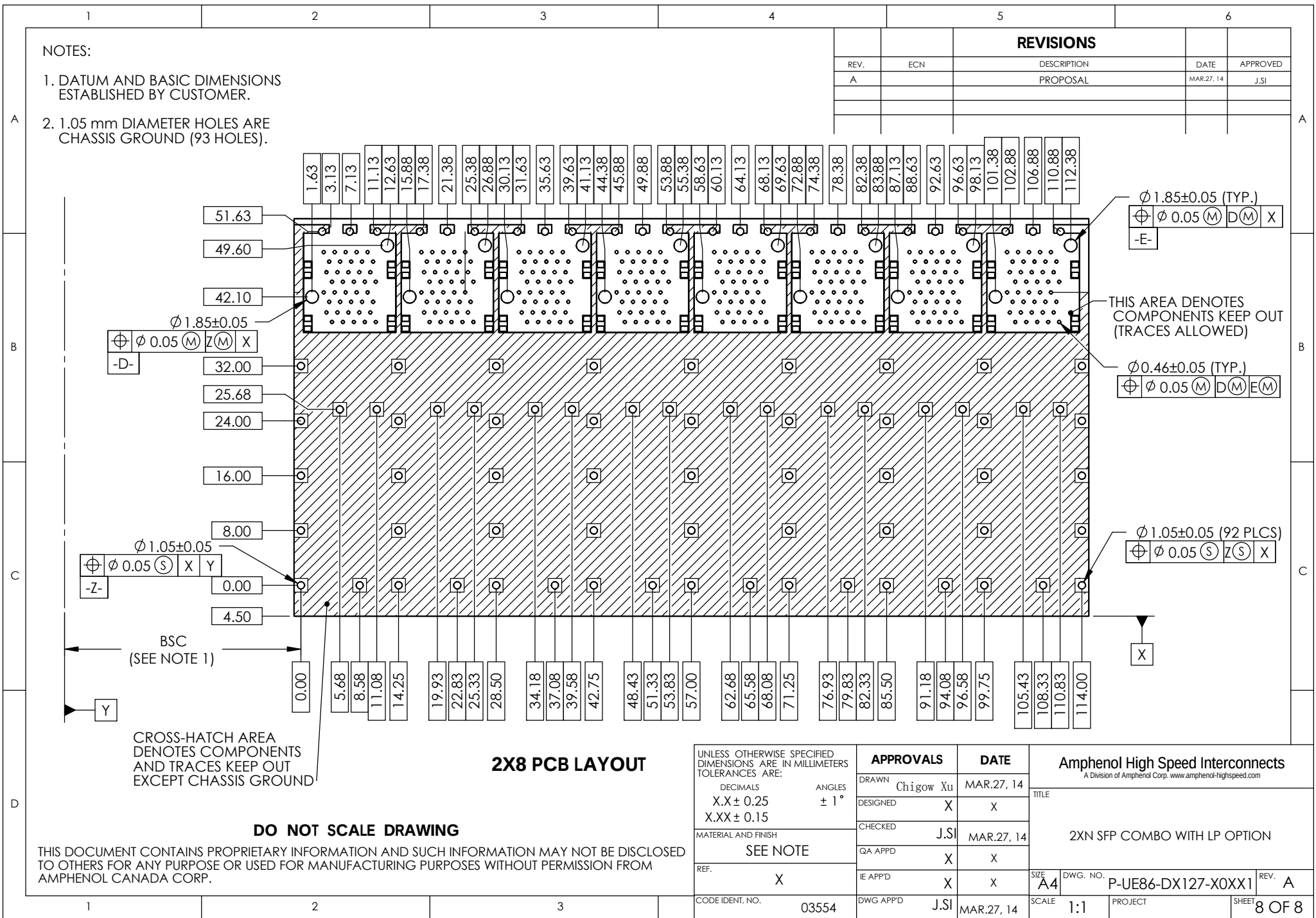
Ø 1.05±0.05 (TYP.)
Ø 0.05 (S) Z (S) X

2X6 PCB LAYOUT

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		DRAWN Chigow Xu		MAR.27, 14					
		DESIGNED X		X		TITLE 2XN SFP COMBO WITH LP OPTION SIZE A4 DWG. NO. P-UE86-DX127-X0XX1 REV. A SCALE 1:2 PROJECT SHEET 7 OF 8			
		CHECKED J.SI		MAR.27, 14					
QA APPD X		X							
IE APP'D X		X							
DWG APP'D J.SI		MAR.27, 14							



NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (93 HOLES).

REVISIONS

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

2X8 PCB LAYOUT

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