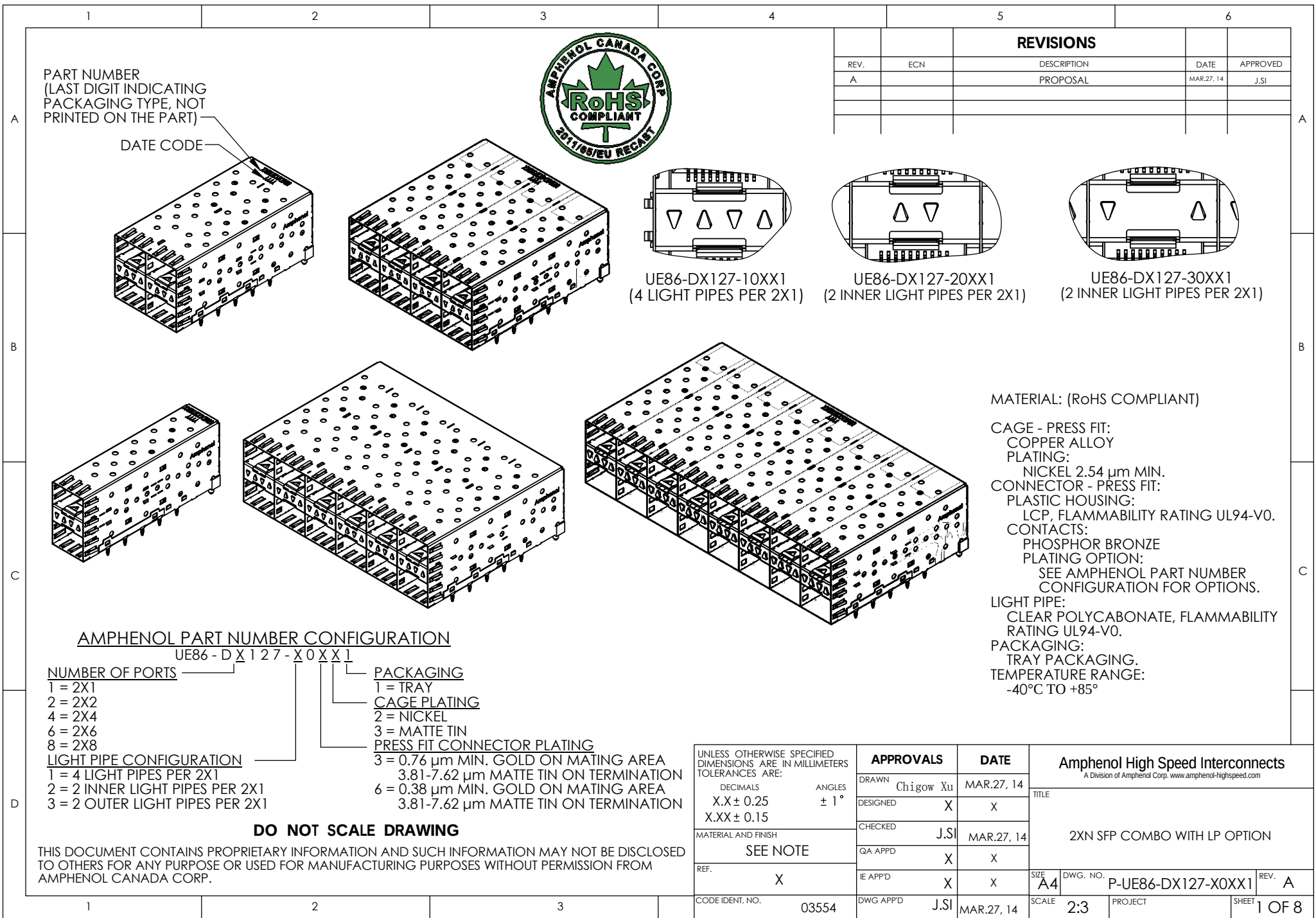




PART NUMBER
(LAST DIGIT INDICATING
PACKAGING TYPE, NOT
PRINTED ON THE PART)

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 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

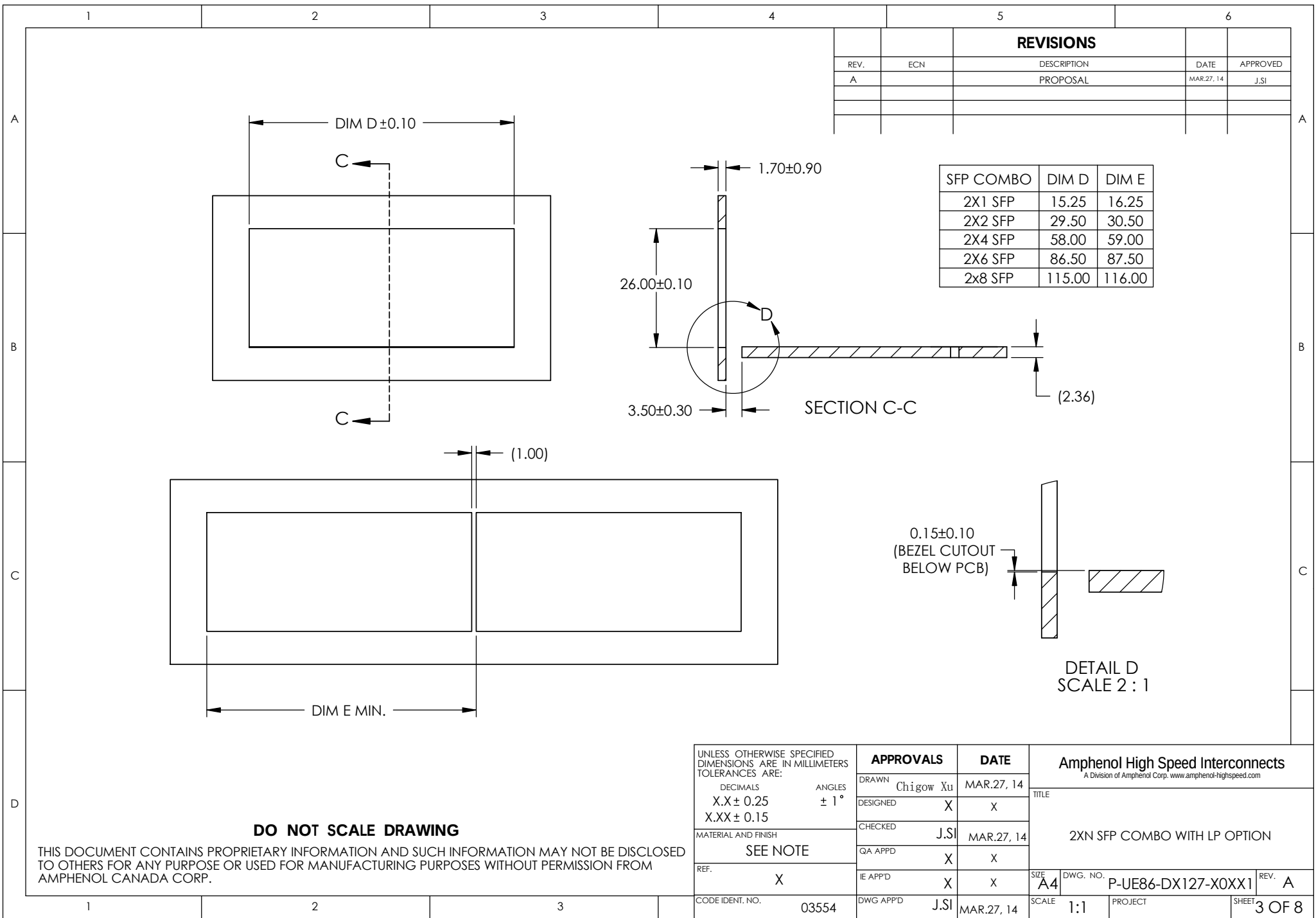
PRESS FIT CONNECTOR PLATING

- 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

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED
TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM
AMPHENOL CANADA CORP.

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		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					
		QA APPD	X	X		SIZE	DWG. NO.	REV.	
		IE APP'D	X	X		A4	P-UE86-DX127-X0XX1	A	
		DWG APP'D	J.SI	MAR.27, 14		SCALE	2:3	PROJECT	SHEET
									1 OF 8

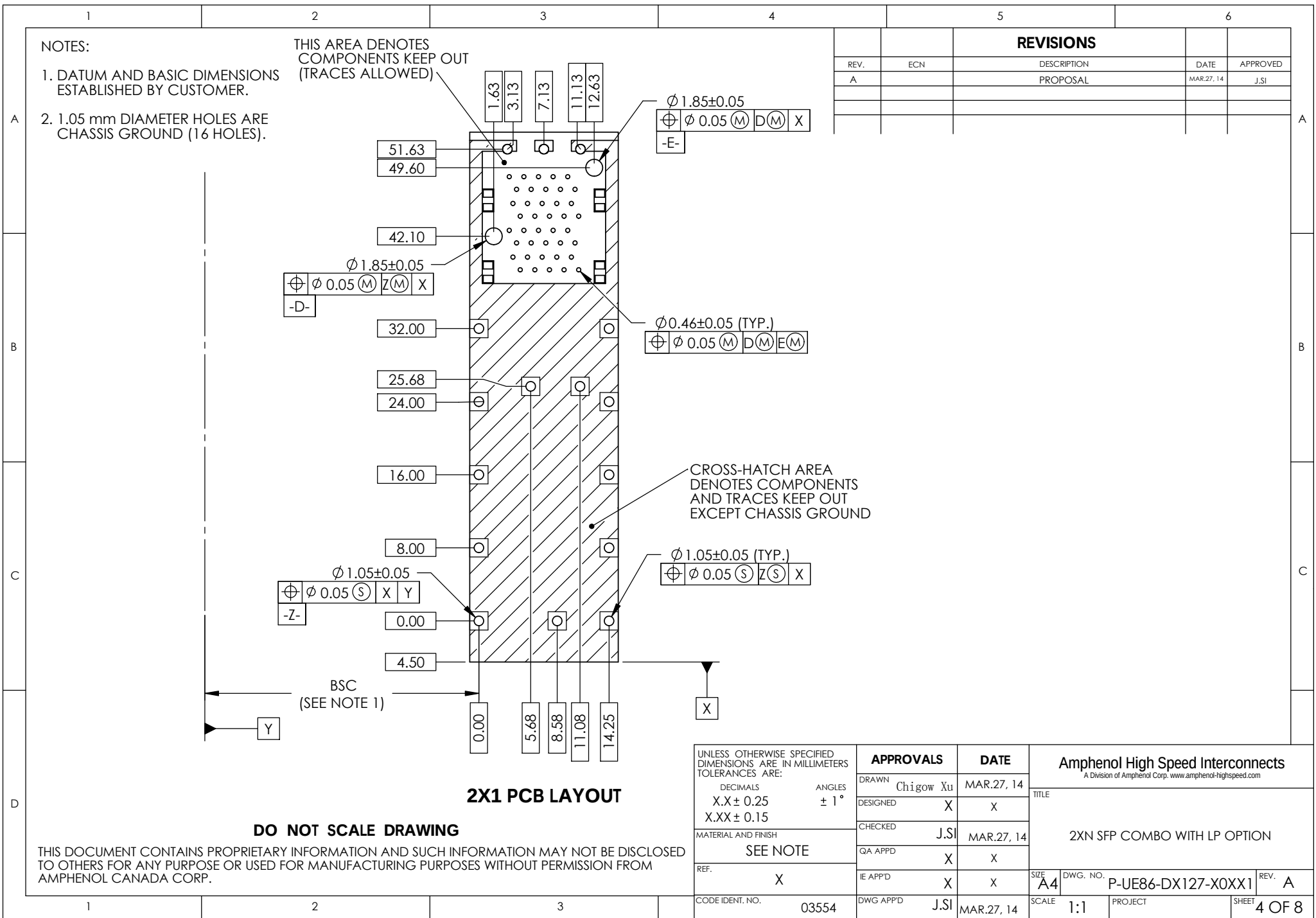


REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27, 14	J.SI

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

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	



- NOTES:
1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (16 HOLES).

THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)

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

2X1 PCB LAYOUT

DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:

DECIMALS ANGLES
X.X ± 0.25 ± 1°
X.XX ± 0.15

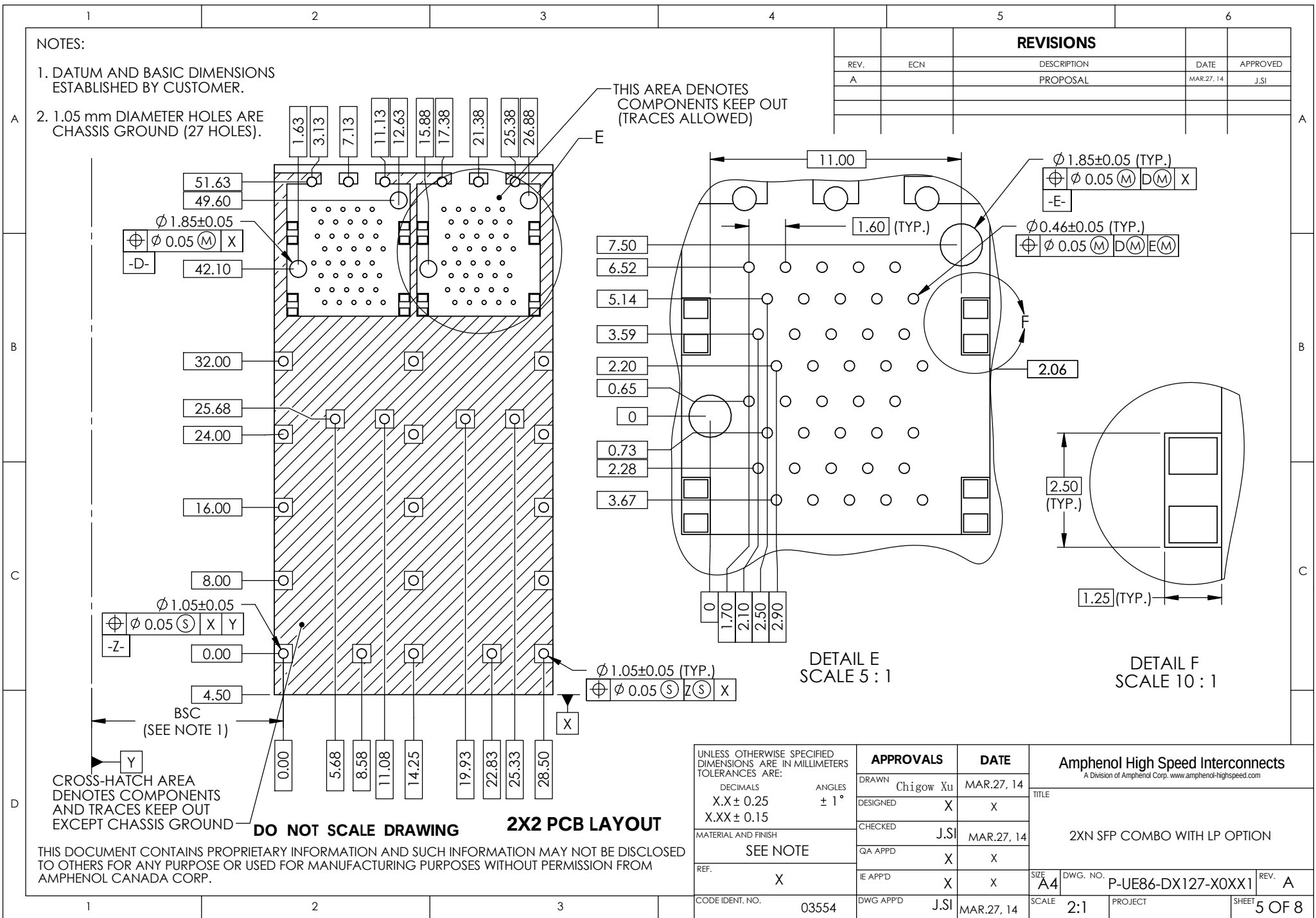
MATERIAL AND FINISH
SEE NOTE

REF. X

CODE IDENT. NO. 03554

APPROVALS		DATE
DRAWN	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 A4	DWG. NO. P-UE86-DX127-X0XX1	REV. A
SCALE 1:1	PROJECT	SHEET 4 OF 8



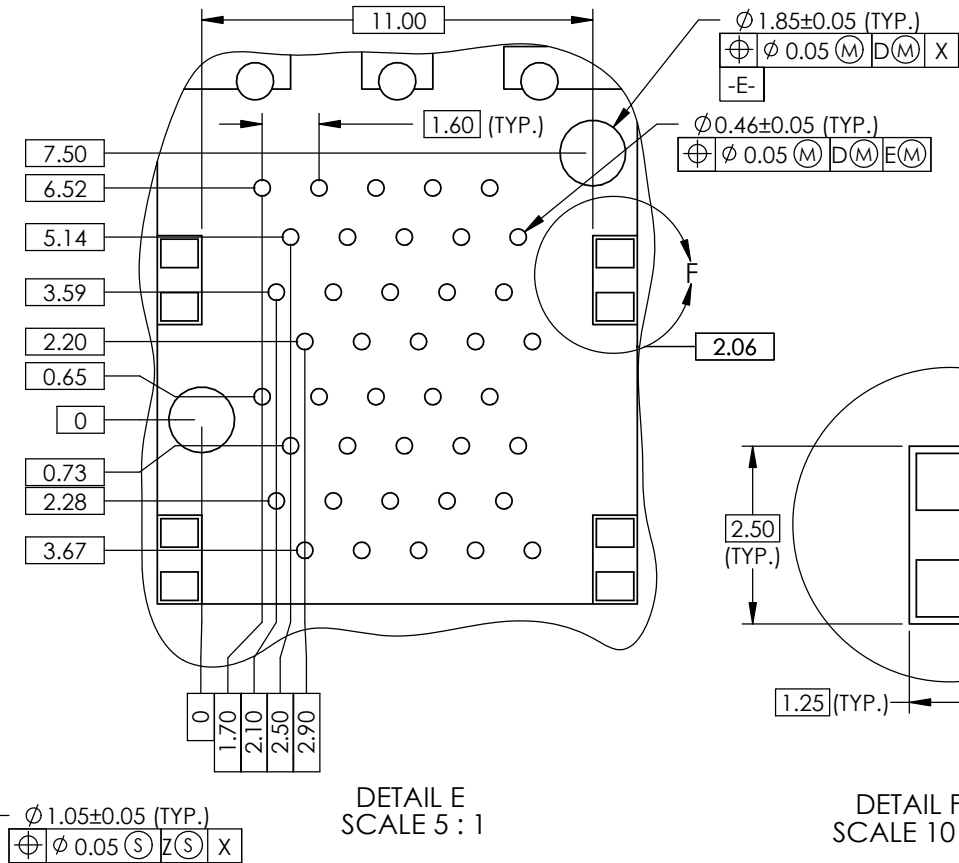
NOTES:

- 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

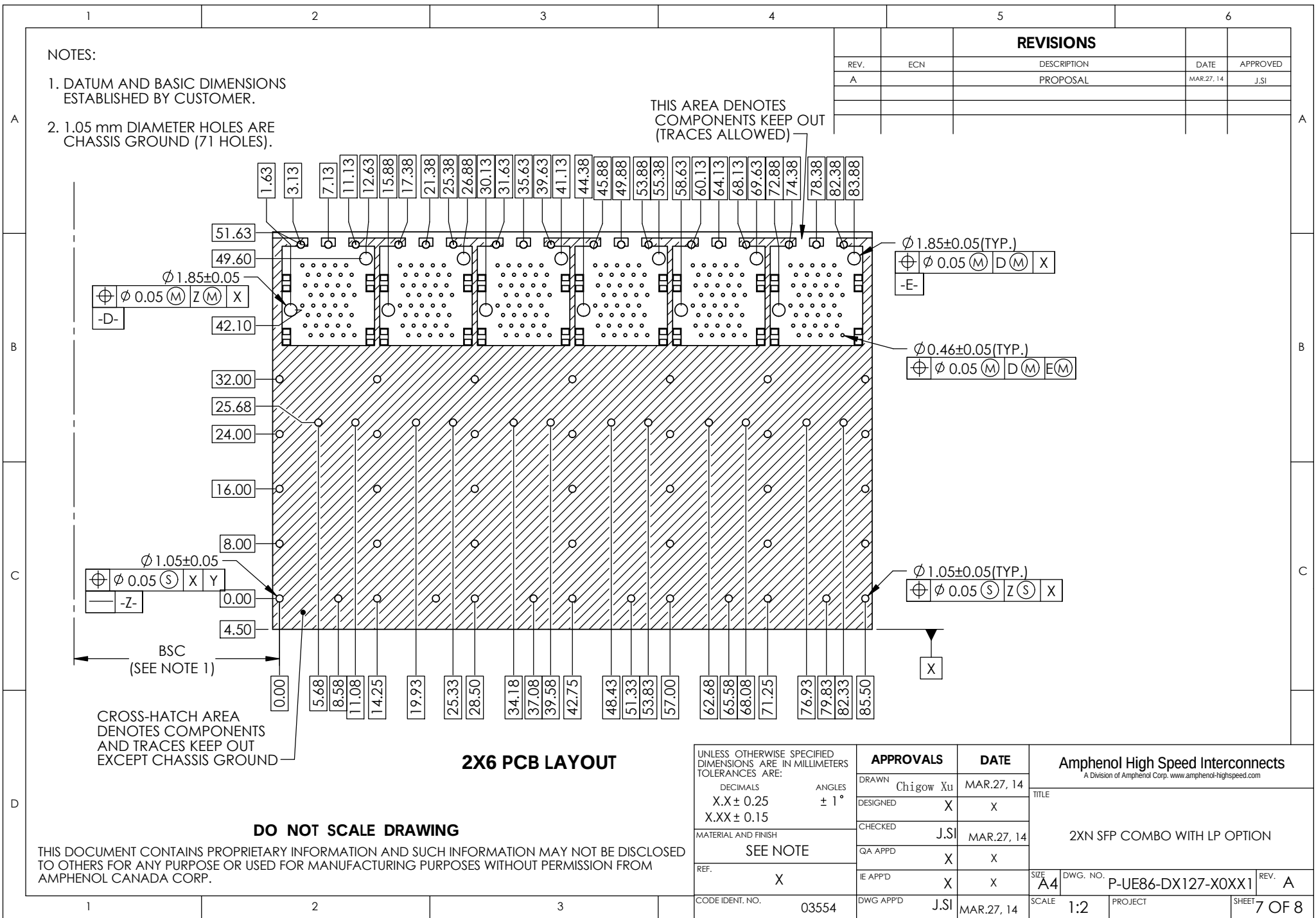
DETAIL F
SCALE 10 : 1

DO NOT SCALE DRAWING 2X2 PCB LAYOUT

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

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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		
MATERIAL AND FINISH		DESIGNED	X	X		
SEE NOTE		CHECKED	J.SI	MAR.27.14		
REF. X		QA APPD	X	X	2XN SFP COMBO WITH LP OPTION	
CODE IDENT. NO. 03554		IE APPD	X	X		
		DWG APPD	J.SI	MAR.27.14	SIZE A4 DWG. NO. P-UE86-DX127-X0XX1	REV. A
					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

THIS AREA DENOTES
COMPONENTS KEEP OUT
(TRACES ALLOWED)

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

DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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

DRAWN Chigov Xu

DESIGNED X

CHECKED J.SI

QA APPD X

IE APPD X

DWG APPD 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

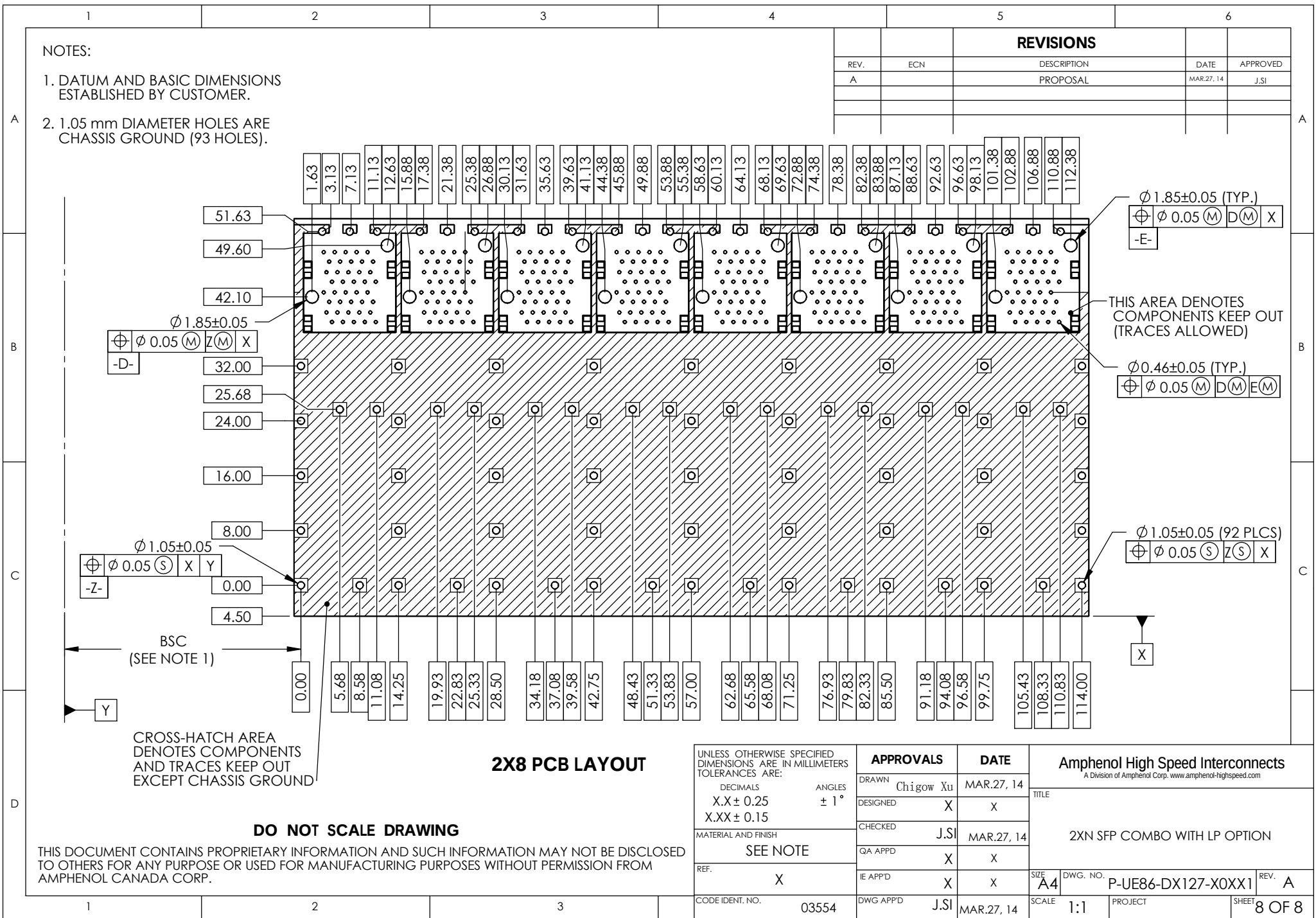
SCALE

1:2

PROJECT

SHEET

7 OF 8



- 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

DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.25 X.XX ± 0.15 MATERIAL AND FINISH SEE NOTE REF. X CODE IDENT. NO. 03554		APPROVALS		DATE		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 1:1 PROJECT SHEET 8 OF 8	
		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			