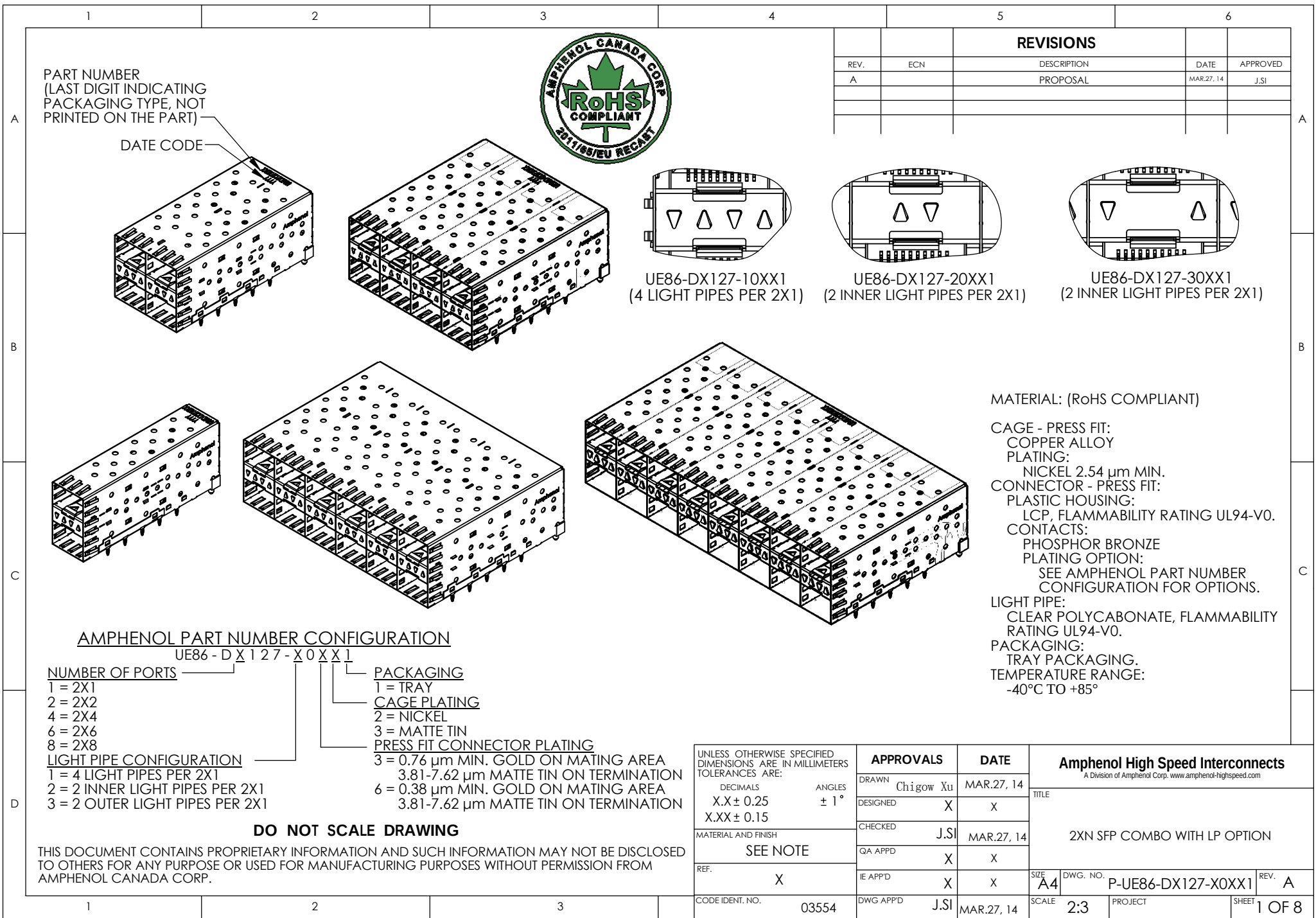




PART NUMBER
(LAST DIGIT INDICATING
PACKAGING TYPE, NOT
PRINTED ON THE PART)

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

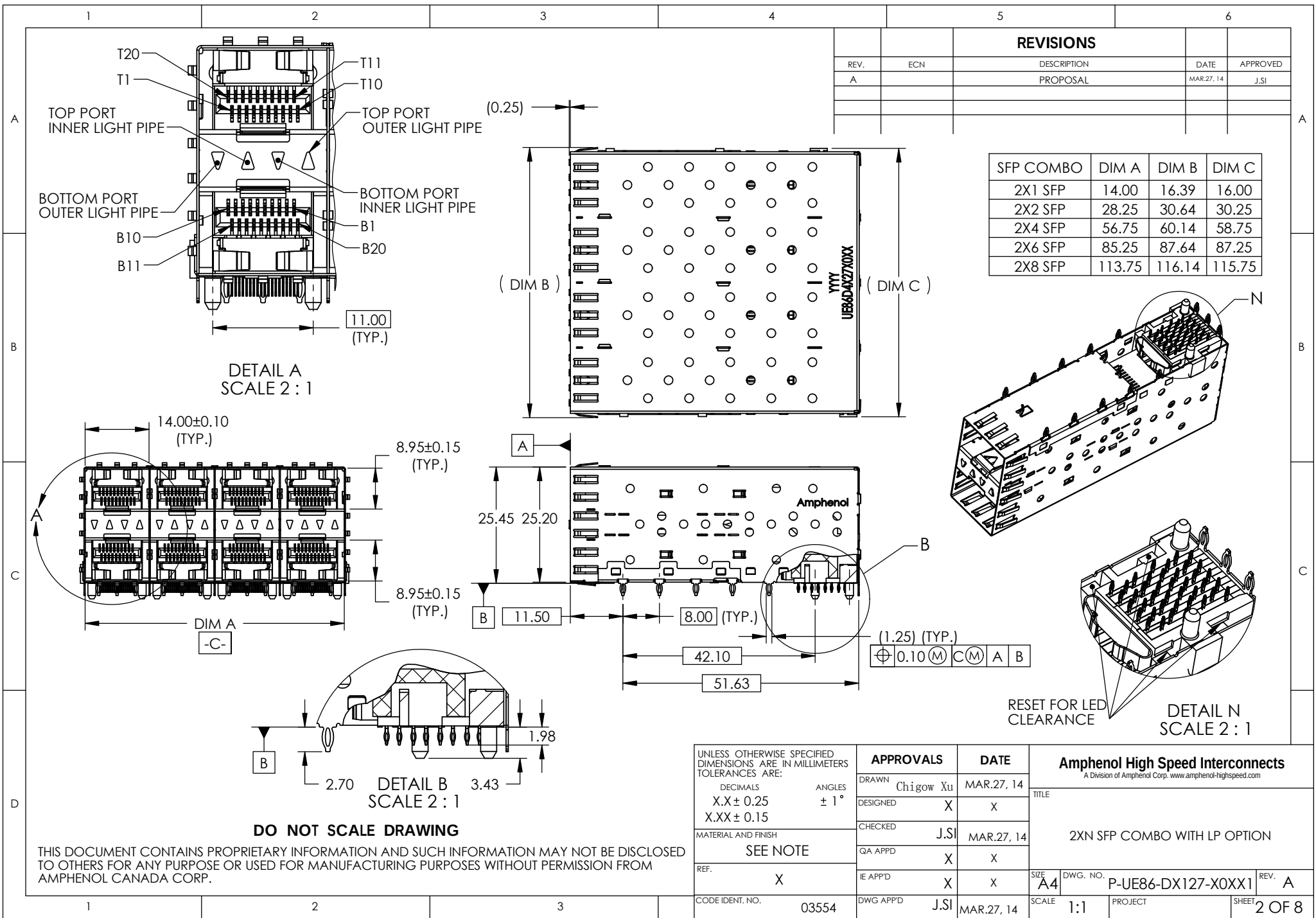
PRESS FIT CONNECTOR PLATING

- 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

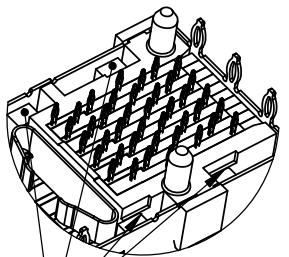
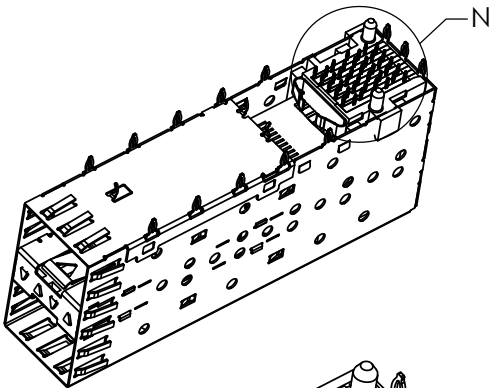
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AMPHENOL CANADA CORP.

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



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

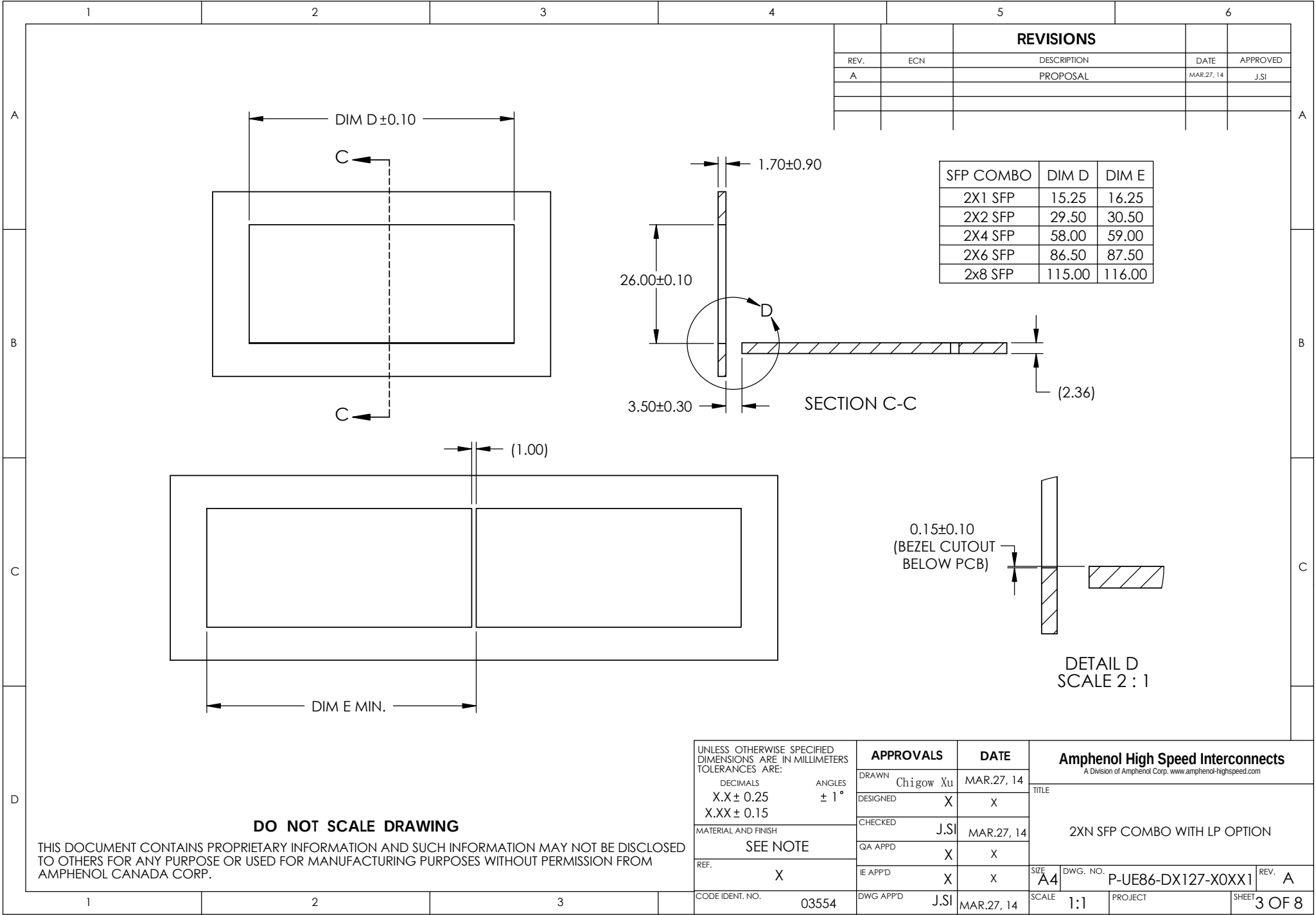
SFP COMBO	DIM A	DIM B	DIM C
2X1 SFP	14.00	16.39	16.00
2X2 SFP	28.25	30.64	30.25
2X4 SFP	56.75	60.14	58.75
2X6 SFP	85.25	87.64	87.25
2X8 SFP	113.75	116.14	115.75

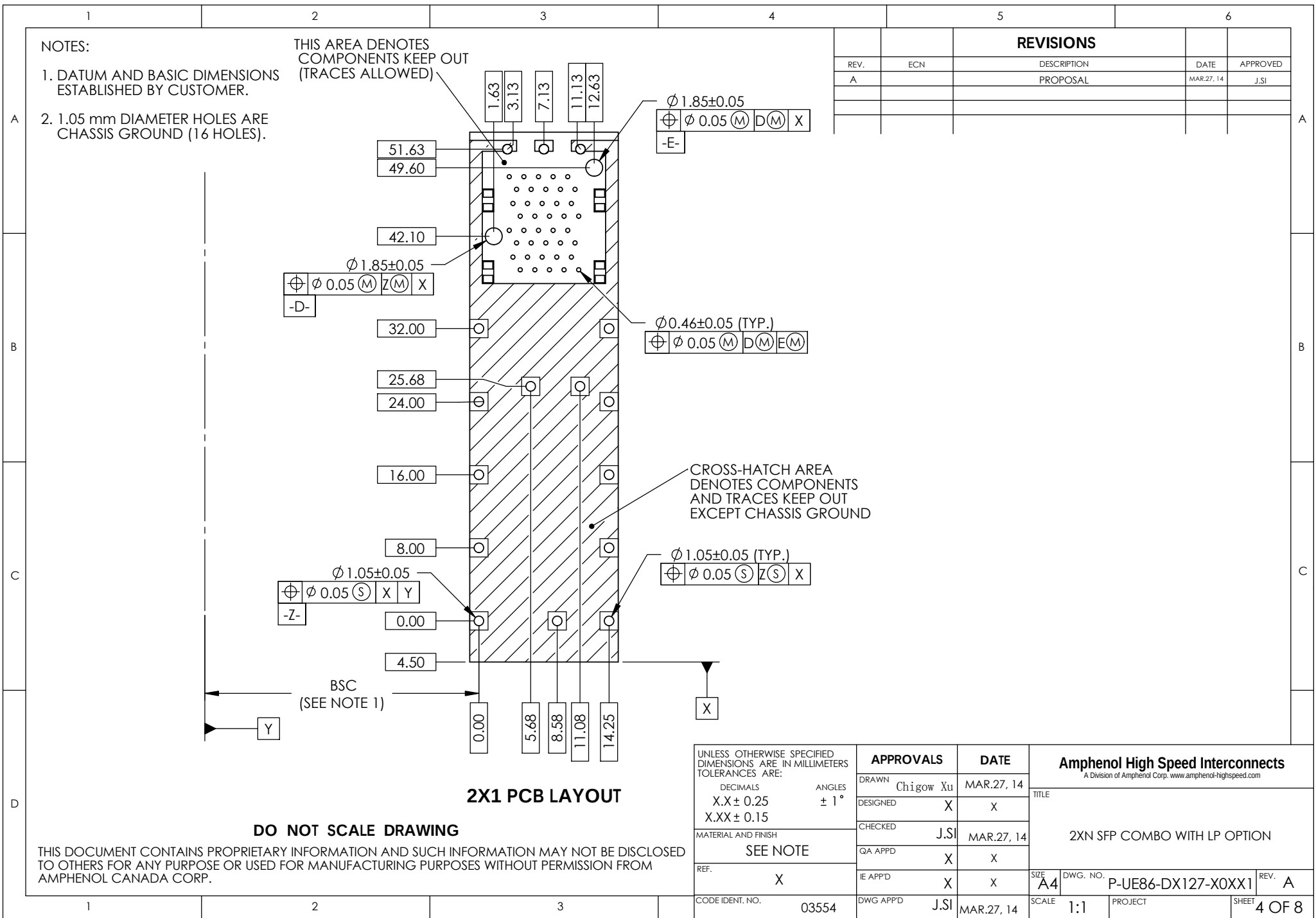


RESET FOR LED
CLEARANCE

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		Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
		DRAWN	Chigow Xu	MAR.27.14			
		DESIGNED	X	X			
		CHECKED	J.SI	MAR.27.14			
MATERIAL AND FINISH		QA APPD	X	X		2XN SFP COMBO WITH LP OPTION	
SEE NOTE		IE APPD	X	X			
REF. X		DWG APPD	J.SI	MAR.27.14			
CODE IDENT. NO. 03554						SIZE A4	DWG. NO. P-UE86-DX127-X0XX1
						SCALE 1:1	PROJECT
						SHEET 2 OF 8	





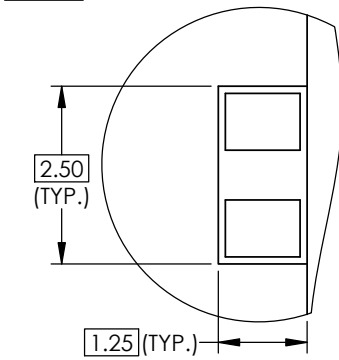
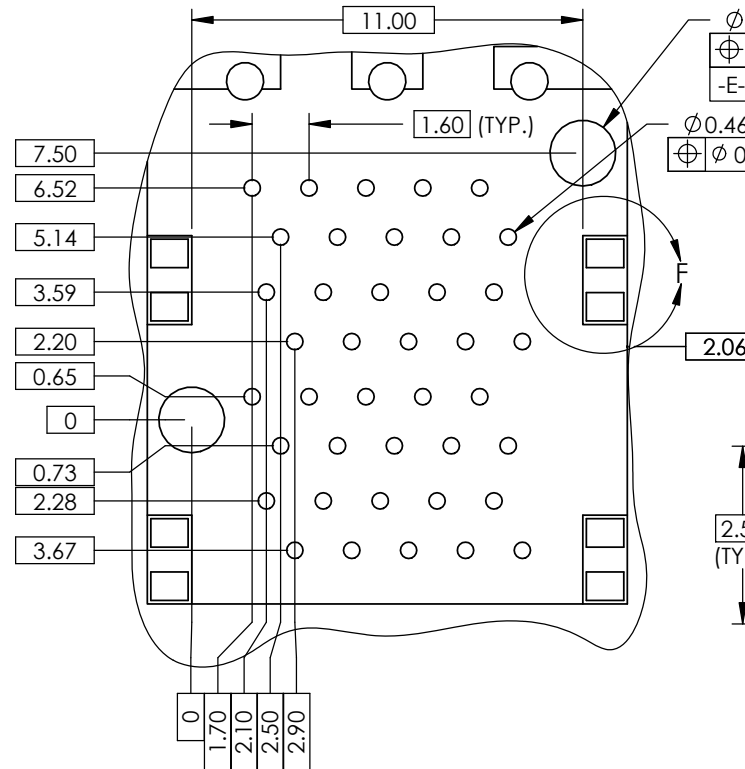
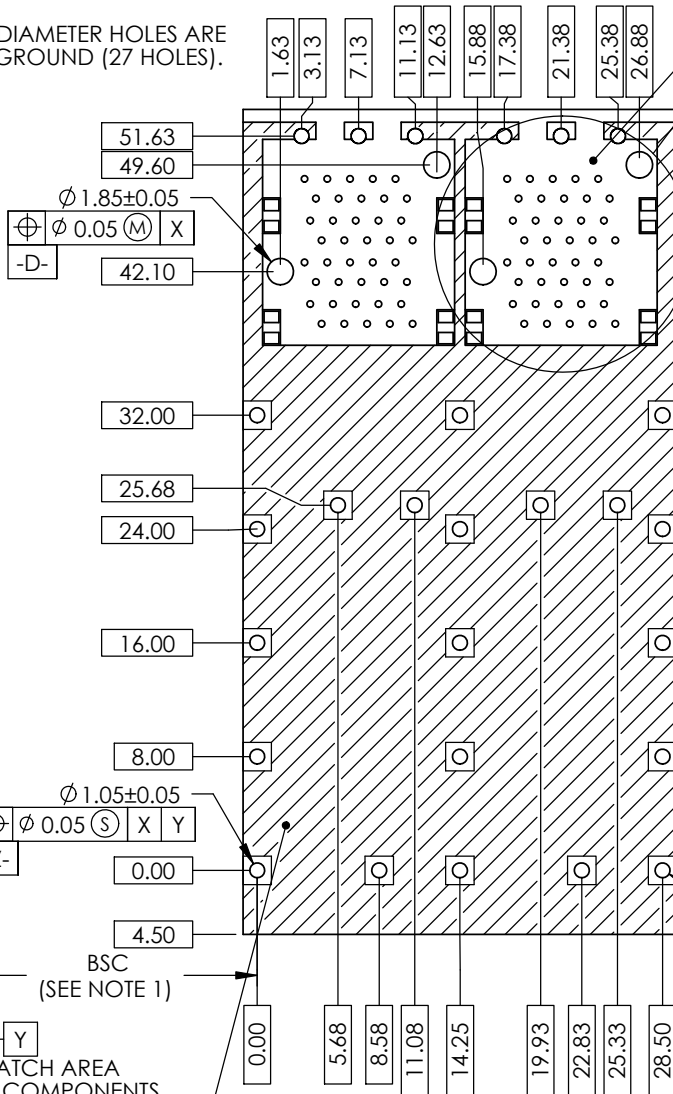
NOTES:

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
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THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)



DETAIL E
SCALE 5 : 1

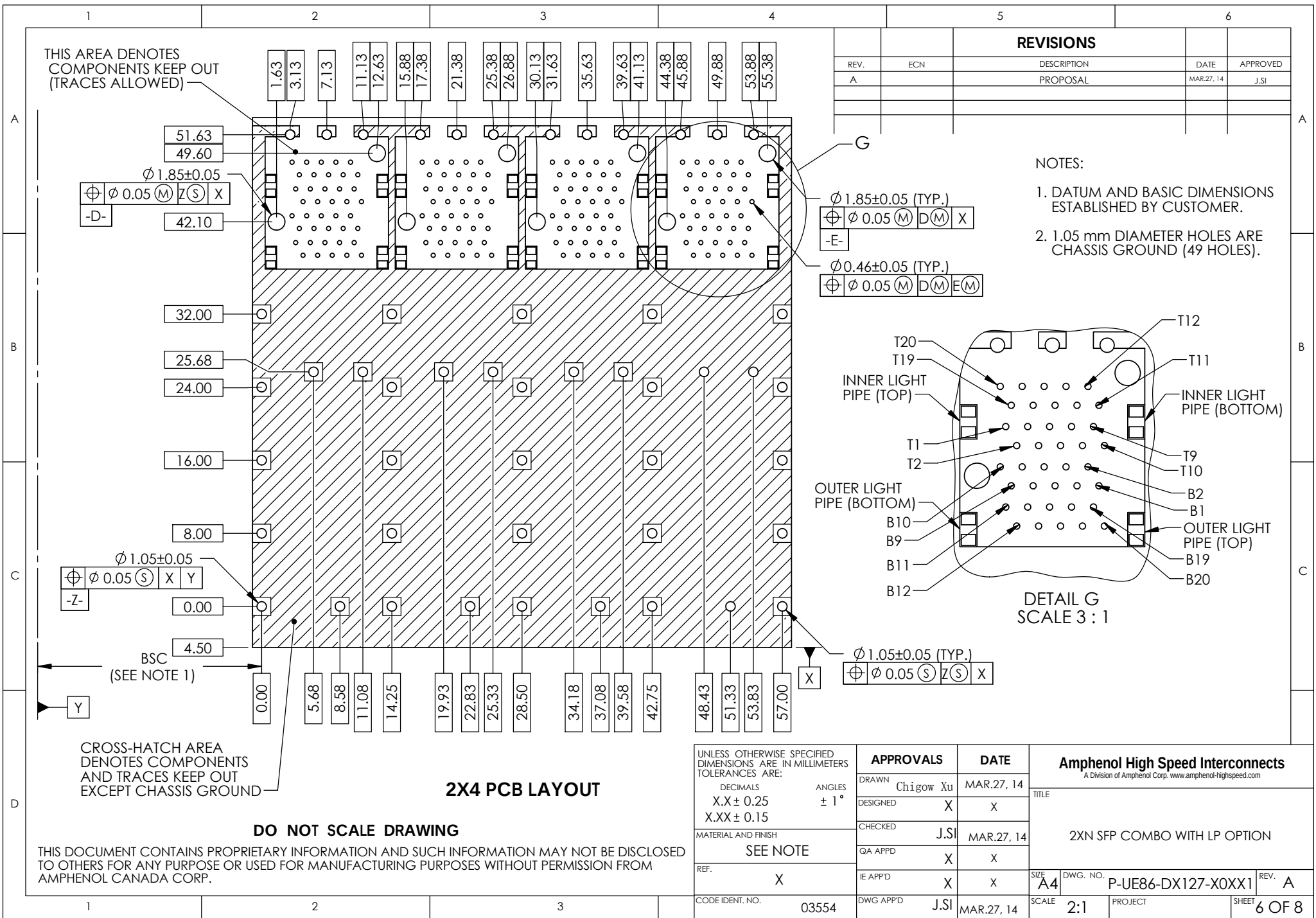
DETAIL F
SCALE 10 : 1

DO NOT SCALE DRAWING 2X2 PCB LAYOUT

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

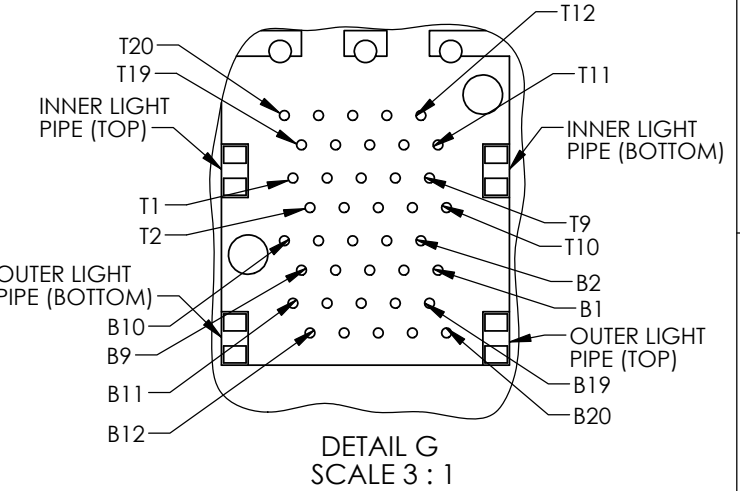
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		DRAWN	Chigow Xu	MAR.27, 14			
MATERIAL AND FINISH SEE NOTE		DESIGNED	X	X		TITLE 2XN SFP COMBO WITH LP OPTION	
		CHECKED	J.SI	MAR.27, 14			
REF. X		QA APP'D	X	X		SIZE A4 DWG. NO. P-UE86-DX127-X0XX1 REV. A	
		IE APP'D	X	X			
CODE IDENT. NO. 03554	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

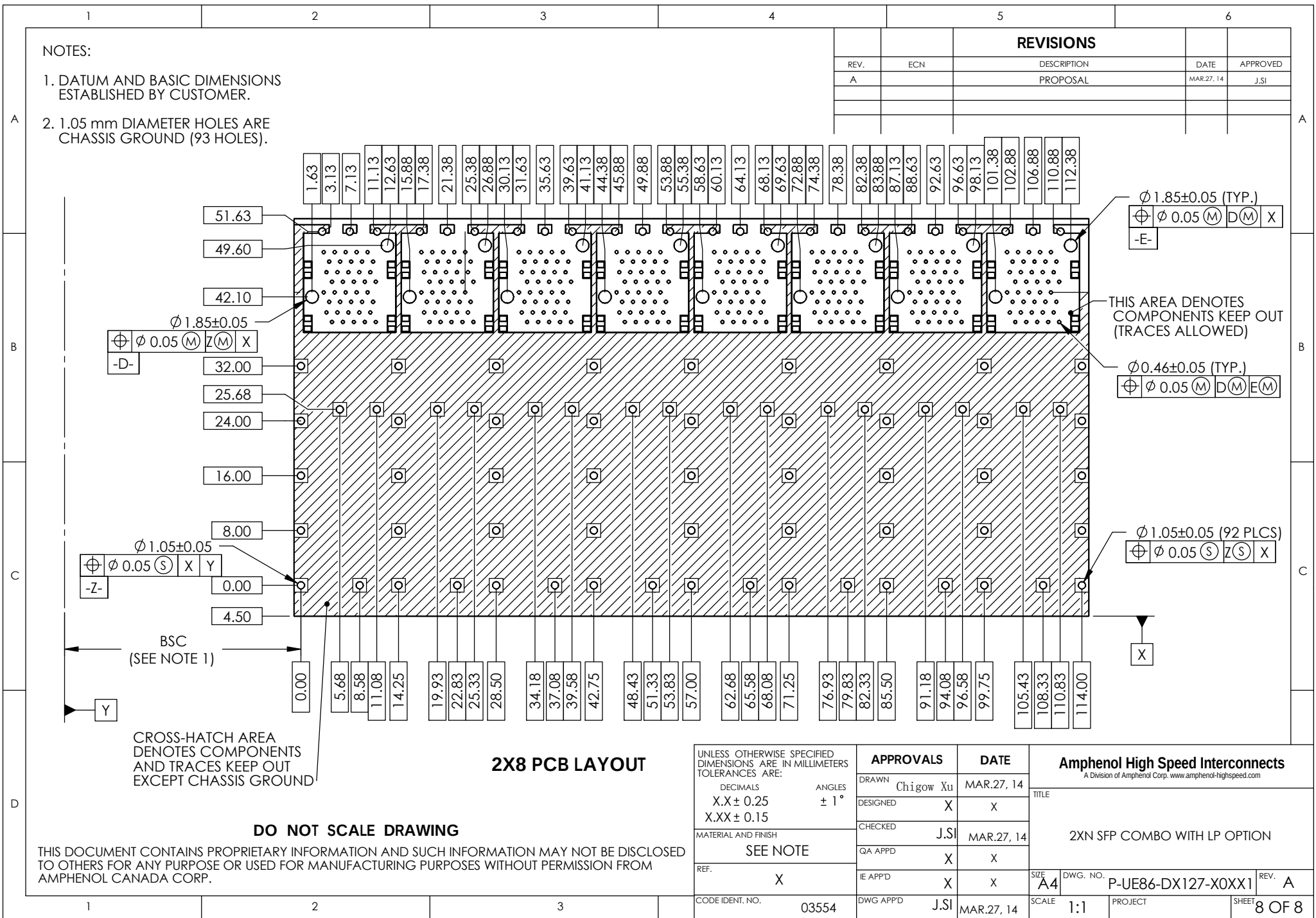


REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR.27.14	J.SI

- NOTES:
1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (49 HOLES).



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 SCALE 2:1		DWG. NO. P-UE86-DX127-X0XX1 REV. A	
		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					
		PROJECT							
		SHEET							



- 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

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

THIS AREA DENOTES COMPONENTS KEEP OUT (TRACES ALLOWED)

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

$\varnothing 1.05 \pm 0.05$ (92 PLCS)
$\varnothing 0.05$ (S) Z (S) X

2X8 PCB LAYOUT

DO NOT SCALE DRAWING

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		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 1:1	SHEET 8 OF 8