

1

2

3

4

5

6

AMPHENOL PART NUMBER CONFIGURATION

UE86-3G4620-X0X61

LIGHT PIPE OPTION

0 - NO LIGHT PIPE

1 - 4 LP PER 2X1, NORMAL ORIENTATION

2 - 2 INNER LP PER 2X1, NORMAL ORIENTATION

3 - 2 OUTER LP PER 2X1, NORMAL ORIENTATION

4 - 4 LP PER 2X1, REVERSING ORIENTATION

5 - 2 INNER LP PER 2X1, REVERSING ORIENTATION

6 - 2 OUTER LP PER 2X1, REVERSING ORIENTATION

7 - 3 LP PER 2X1, 2 OUTER LP, NORMAL ORIENTATION

8 - 3 LP PER 2X1, 2 OUTER LP, REVERSING ORIENTATION

PACKAGING

1 - TRAY PACKAGING (STACKED)

PLATING OPTIONS FOR CONNECTOR

2 - 30µ" GOLD PLATING ON MATING AREA

15-100µ" MATTE TIN ON TERMINATION

3 - 30µ" GOLD PLATING ON MATING AREA

150-300µ" MATTE TIN ON TERMINATION

5 - 15µ" GOLD PLATING ON MATING AREA

15-100µ" MATTE TIN ON TERMINATION

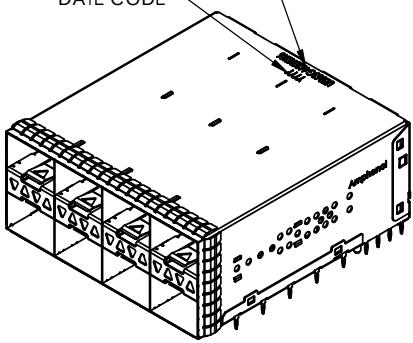
6 - 15µ" GOLD PLATING ON MATING AREA

150-300µ" MATTE TIN ON TERMINATION

REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	FEB 07/14	J. SI
B		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
C		UPDATE NOTES	AUG 19/14	J.SI

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

DATE CODE



MATERIAL: (RoHS COMPLIANT)

1. CAGE - PRESS FIT: COPPER ALLOY (NICKEL SILVER)

2. CONNECTOR - PRESS FIT:

- PLASTIC HOUSING: LCP, FLAMMABILITY RATING UL94-V0

- CONTACTS: PHOSPHOR BRONZE

3. LIGHT PIPE: CLEAR POLYCARBONATE, FLAMMABILITY RATING UL94-V0

4. PACKAGING: TRAY PACKAGING

5. TEMPERATURE RANGE: -40°C TO +85°C

NO LIGHT PIPES

UE86-3G4620-00X61

4 LIGHT PIPES

UE86-3G4620-10X61

2 INNER LIGHT PIPES

UE86-3G4620-20X61

2 OUTER LIGHT PIPES

UE86-3G4620-30X61

4 LIGHT PIPES UPSIDE DOWN

UE86-3G4620-40X61

2 INNER LIGHT PIPES UPSIDE DOWN

UE86-3G4620-50X61

2 OUTER LIGHT PIPES UPSIDE DOWN

UE86-3G4620-60X61

3 LIGHT PIPES

UE86-3G4620-70X61

3 LIGHT PIPES UPSIDE DOWN

UE86-3G4620-80X61

UNLESS SPECIFIED OTHERWISE

DIMENSIONS ARE IN MILLIMETERS

REFERENCE IN PARENTHESES

GENERAL TOLERANCES

1 DECIMAL PLACE ±0.25

2 DECIMAL PLACE ±0.15

3 DECIMAL PLACE N/A

ANGULAR DEGREES ±1°

ENG. REL. NO.

DRAWN P. OU FEB 07/14

CHECKED J. SI FEB 07/14

M.E. APP'D

Q.A. APP'D

DWG APP'D J. SI FEB 07/14

MATERIAL AND FINISH SEE NOTES

REF. ECN Exxxxx

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

Amphenol High Speed Interconnects

A Division of Amphenol Corp. www.amphenolcanada.com

2X4 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER

DWG. NO. P-UE86-3G4620-X0X61

CODE ID NO. 03554 DWG SIZE: A4 SCALE: 2:3 SHEET 1 OF 5

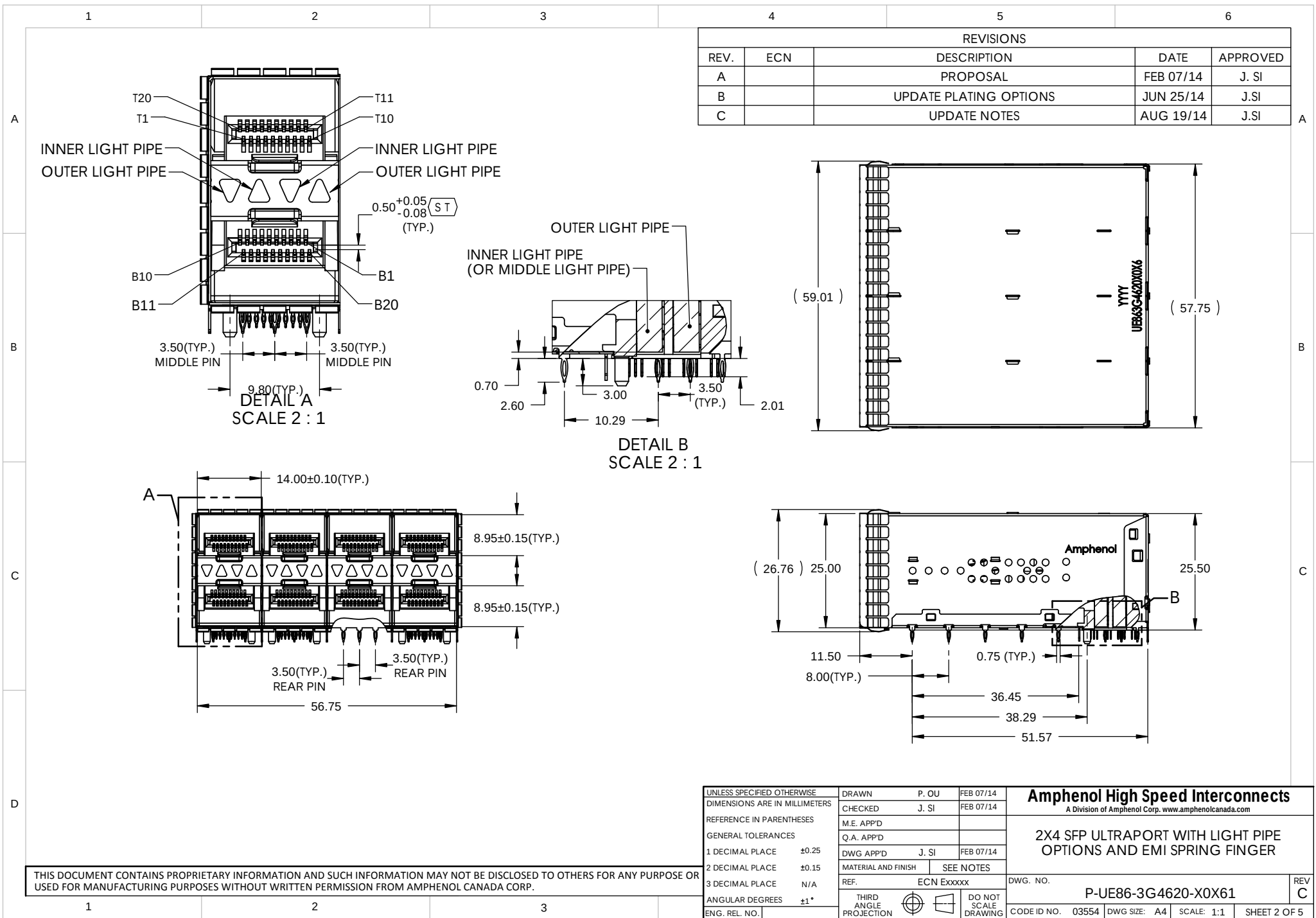
REV C

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1

2

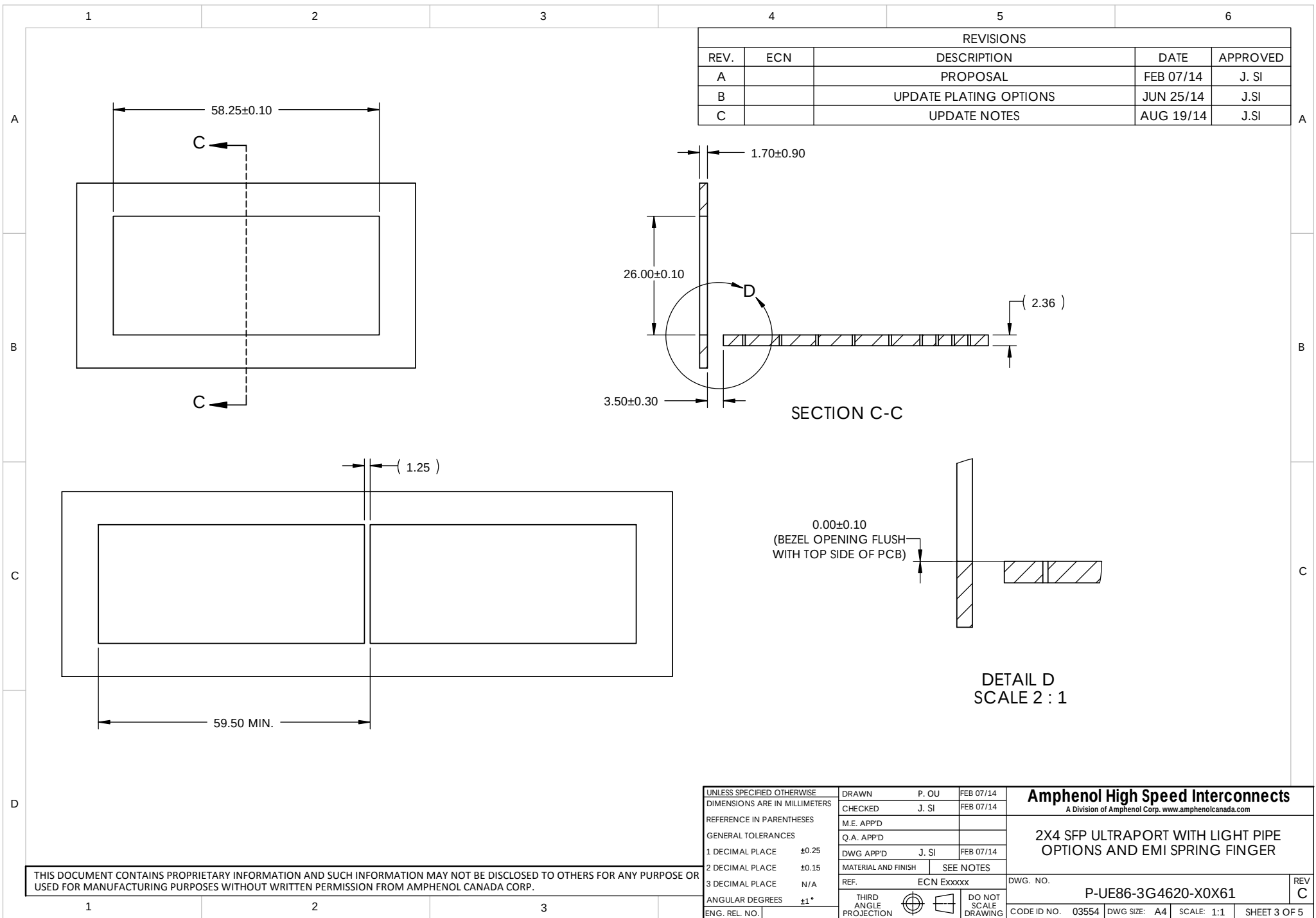
3



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	FEB 07/14	J. SI
B		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
C		UPDATE NOTES	AUG 19/14	J.SI

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UNLESS SPECIFIED OTHERWISE		DRAWN	P. OU	FEB 07/14	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenolcanada.com	
DIMENSIONS ARE IN MILLIMETERS		CHECKED	J. SI	FEB 07/14		
REFERENCE IN PARENTHESES		M.E. APP'D				
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE		±0.25			2X4 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER	
2 DECIMAL PLACE		±0.15				
3 DECIMAL PLACE		N/A				
ANGULAR DEGREES		±1°				
ENG. REL. NO.					DWG. NO. P-UE86-3G4620-X0X61	
		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	CODE ID NO. 03554	REV C
					DWG SIZE: A4	SHEET 2 OF 5
					SCALE: 1:1	



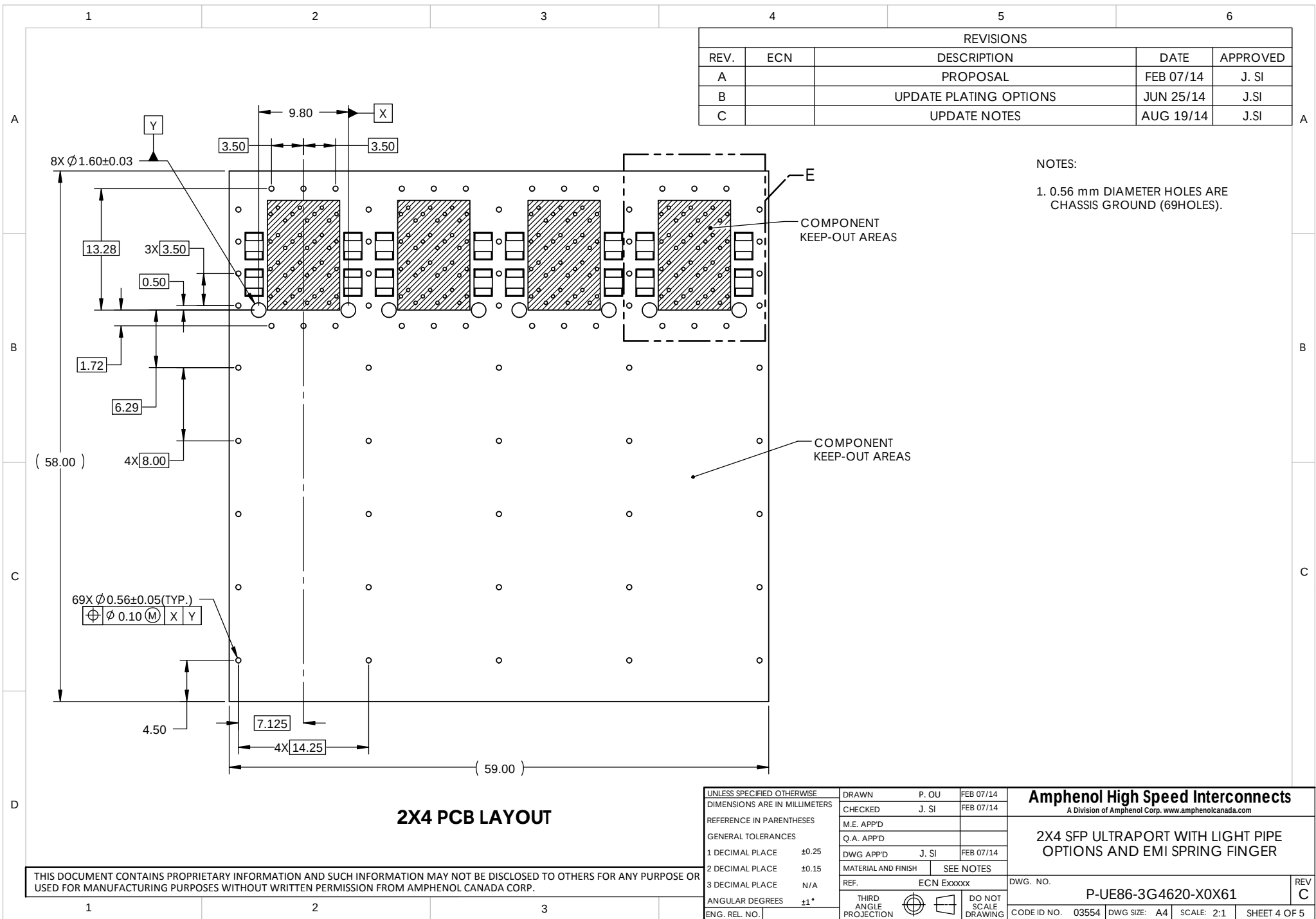
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
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C		UPDATE NOTES	AUG 19/14	J.SI

SECTION C-C

DETAIL D
SCALE 2 : 1

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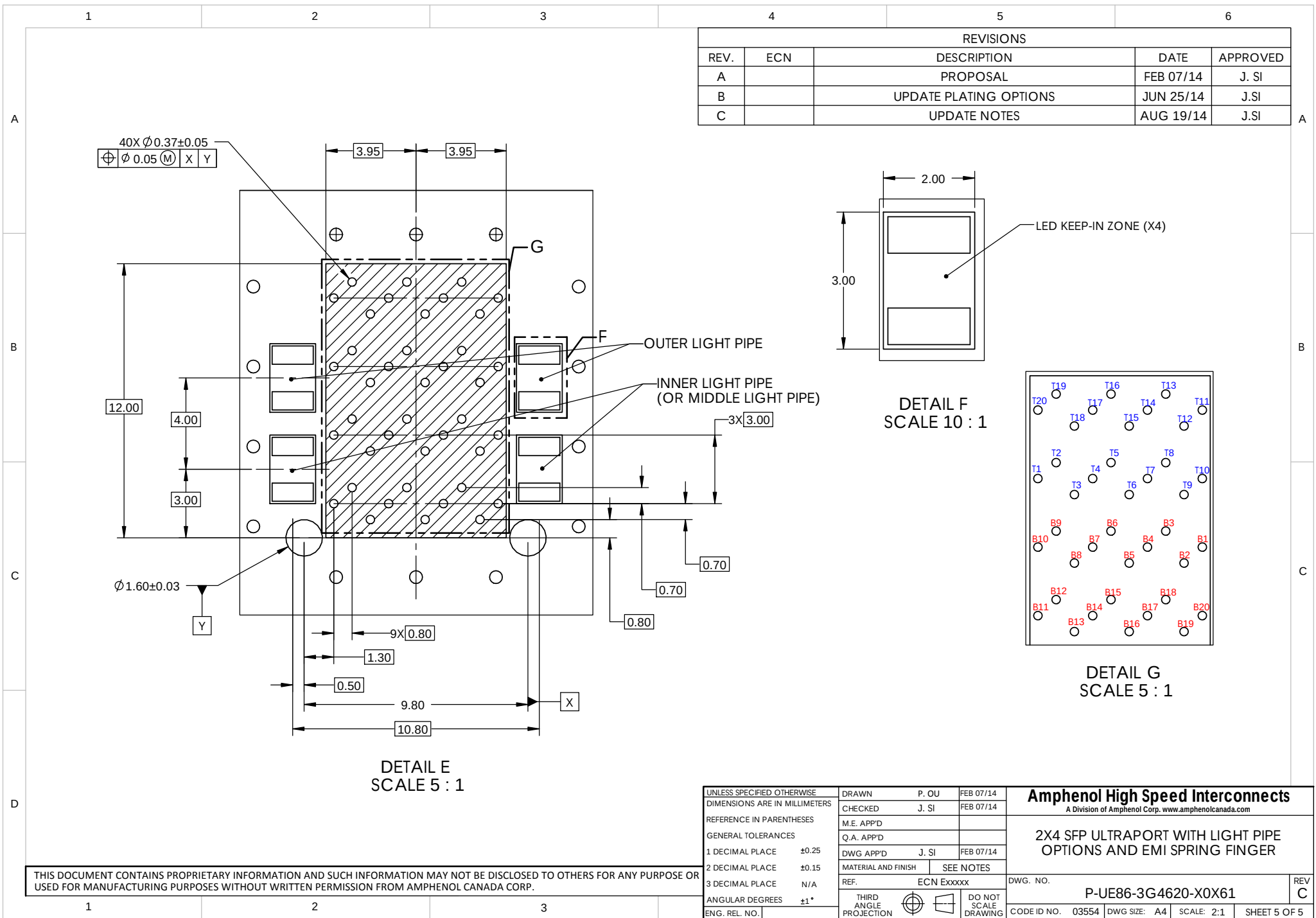
UNLESS SPECIFIED OTHERWISE		DRAWN		P. OU		FEB 07/14		Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenolcanada.com 2X4 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER									
DIMENSIONS ARE IN MILLIMETERS		CHECKED		J. SI		FEB 07/14											
REFERENCE IN PARENTHESES		M.E. APP'D															
GENERAL TOLERANCES		Q.A. APP'D															
1 DECIMAL PLACE		±0.25		DWG APP'D		J. SI		FEB 07/14		DWG. NO. P-UE86-3G4620-X0X61 REV C							
2 DECIMAL PLACE		±0.15		MATERIAL AND FINISH		SEE NOTES											
3 DECIMAL PLACE		N/A		REF.		ECN Exxxxx											
ANGULAR DEGREES		±1°		THIRD ANGLE PROJECTION				DO NOT SCALE DRAWING									
ENG. REL. NO.								CODE ID NO.		03554		DWG SIZE: A4		SCALE: 1:1		SHEET 3 OF 5	



2X4 PCB LAYOUT

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REFERENCE IN PARENTHESES		CHECKED J. SI	FEB 07/14		
GENERAL TOLERANCES		M.E. APP'D			
1 DECIMAL PLACE ± 0.25		Q.A. APP'D			
2 DECIMAL PLACE ± 0.15		DWG APP'D J. SI	FEB 07/14	2X4 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER	
3 DECIMAL PLACE N/A		MATERIAL AND FINISH	SEE NOTES		
ANGULAR DEGREES $\pm 1^\circ$		REF. ECN Exxxxx			
ENG. REL. NO.		THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING		
				DWG. NO. P-UE86-3G4620-X0X61	REV C
				CODE ID NO. 03554	DWG SIZE: A4 SCALE: 2:1 SHEET 4 OF 5



REVISIONS				
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2 DECIMAL PLACE ±0.15		DWG APP'D	J. SI	FEB 07/14	2X4 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER	
3 DECIMAL PLACE N/A		MATERIAL AND FINISH		SEE NOTES		
ANGULAR DEGREES ±1°		REF.		ECN Exxxxx		
ENG. REL. NO.		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING		
					DWG. NO.	REV C
					P-UE86-3G4620-X0X61	
					CODE ID NO. 03554	DWG SIZE: A4
					SCALE: 2:1	SHEET 5 OF 5