

1 2 3 4 5 6

**AMPHENOL PART NUMBER CONFIGURATION**

UE86-3G8620-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**

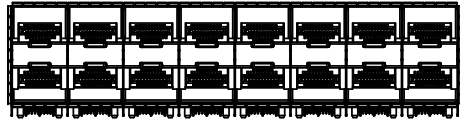
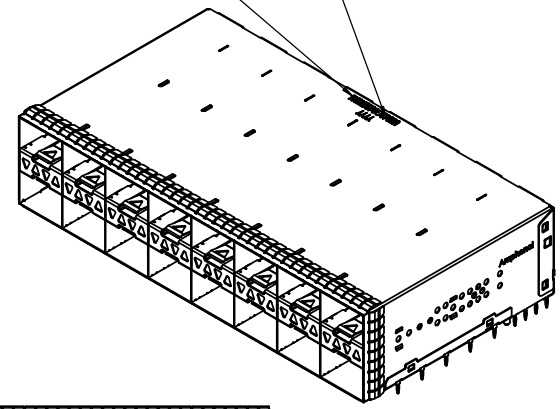
- 1 - TRAY PACKAGING (STACKED)

**PLATING OPTIONS FOR CONNECTOR**

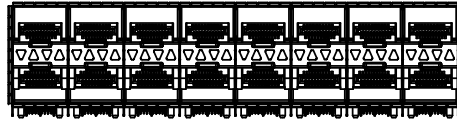
- 2 - 30µ" GOLD PLATING ON MATING AREA  
15-100µ" MATTE TIN ON TERMINATION
- 3 - 30µ" GOLD PLATING ON MATING AREA  
150-300µ" MATTE TIN ON TERMINATION
- 5 - 15µ" GOLD PLATING ON MATING AREA  
15-100µ" MATTE TIN ON TERMINATION
- 6 - 15µ" GOLD PLATING ON MATING AREA  
150-300µ" MATTE TIN ON TERMINATION

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
B		CHANGE MIDDLE RIB WIDTH OF THE BEZEL FROM 4mm to 1.25mm	25/03/2014	J. SI
C		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
D		UPDATE NOTES	AUG 19/14	J.SI

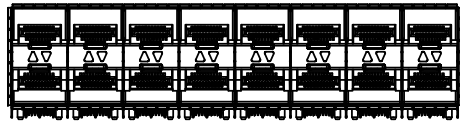
PART NUMBER  
(LAST DIGIT INDICATING  
PACKAGING TYPE, NOT  
PRINTED ON THE PART)  
  
DATE CODE



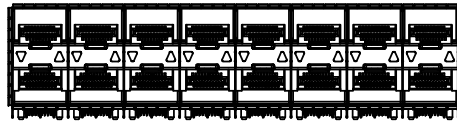
NO LIGHT PIPES  
UE86-3G8620-00X61



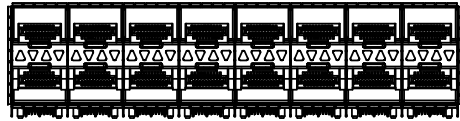
4 LIGHT PIPES  
UE86-3G8620-10X61



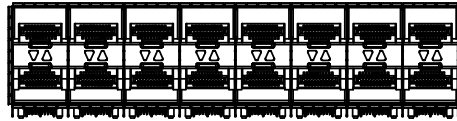
2 INNER LIGHT PIPES  
UE86-3G8620-20X61



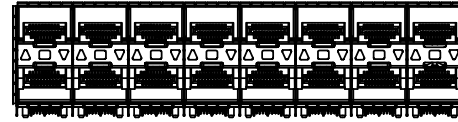
2 OUTER LIGHT PIPES  
UE86-3G8620-30X61



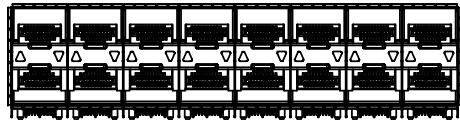
4 LIGHT PIPES UPSIDE DOWN  
UE86-3G8620-40X61



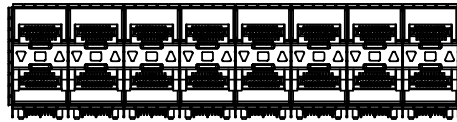
2 INNER LIGHT PIPES UPSIDE DOWN  
UE86-3G8620-50X61



3 LIGHT PIPES UPSIDE DOWN  
UE86-3G8620-80X61



2 OUTER LIGHT PIPES UPSIDE DOWN  
UE86-3G8620-60X61



3 LIGHT PIPES  
UE86-3G8620-70X61



**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

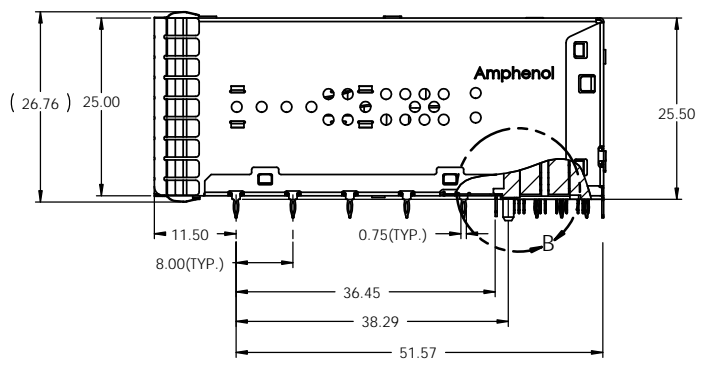
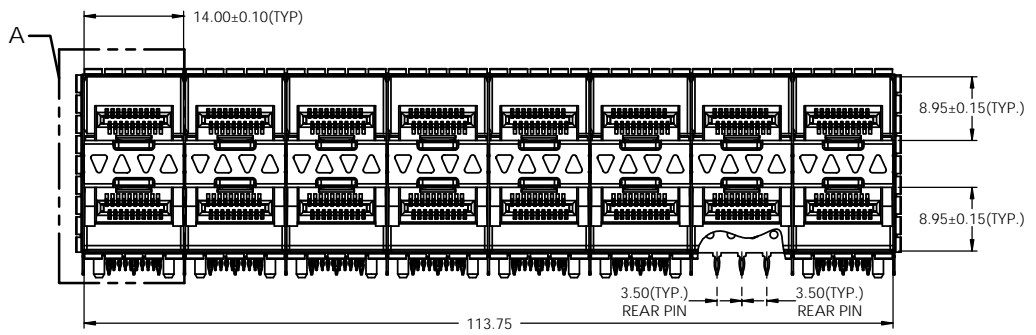
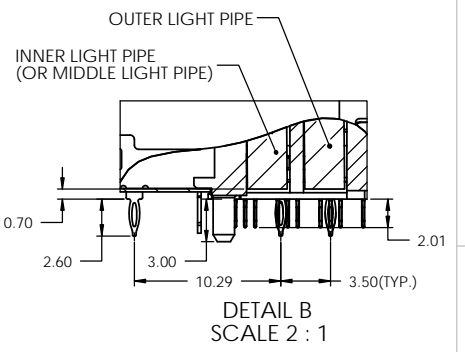
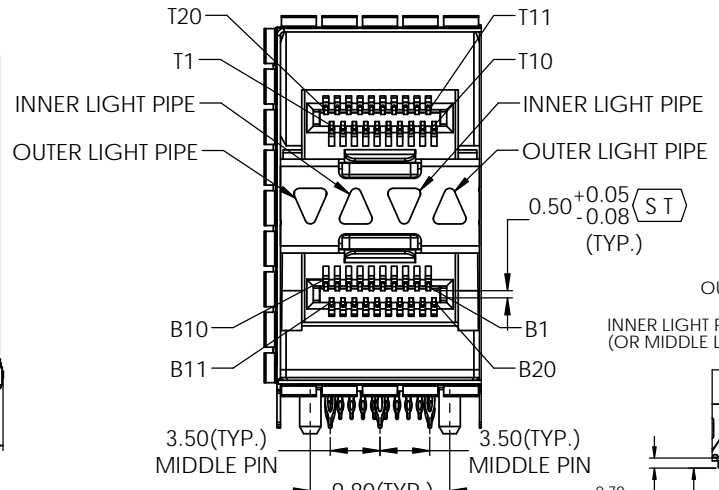
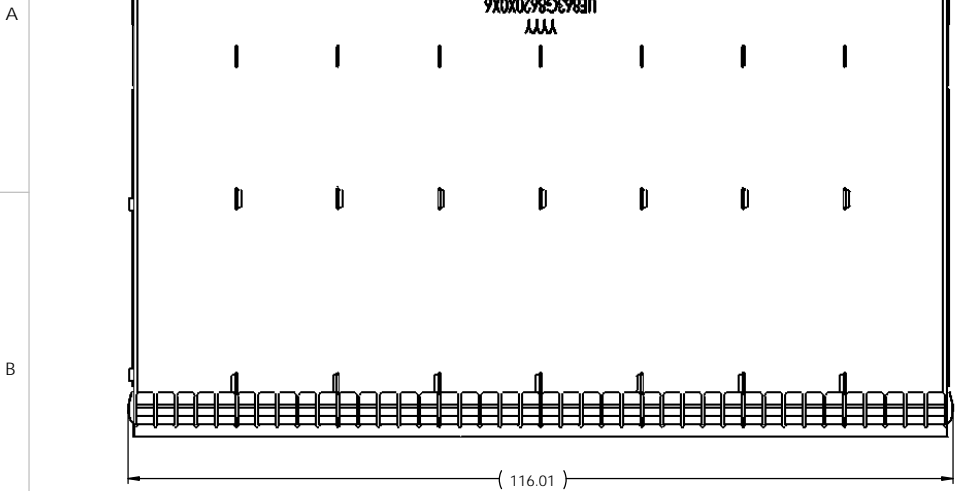
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DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	FEB 10/14	
REFERENCE IN PARENTHESES	M.E. APP'D			2X8 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER
GENERAL TOLERANCES	Q.A. APP'D			
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	FEB 10/14	DWG. NO.
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES		P-UE86-3G8620-X0X61
3 DECIMAL PLACE N/A	REF.	ECN Exxxxx		REV
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING		D
ENG. REL. NO.				CODE ID NO. 03554
				DWG SIZE: A4
				SCALE: 3:5
				SHEET 1 OF 5

1 2 3

1 2 3 4 5 6

REVISIONS				
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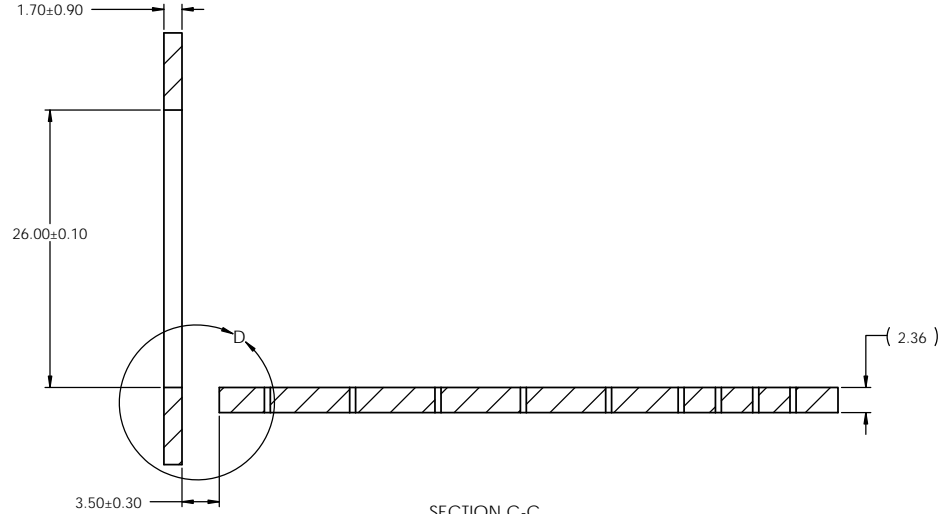
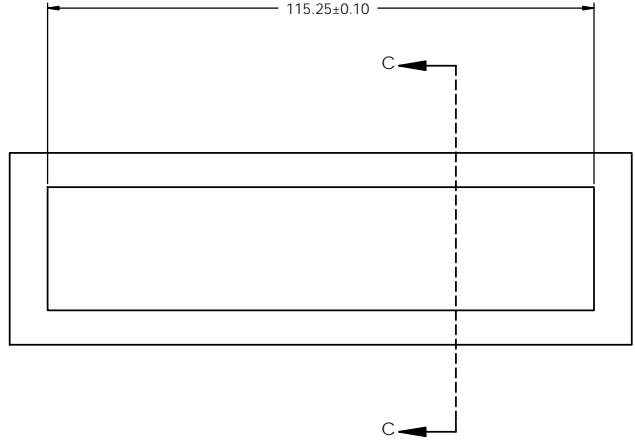


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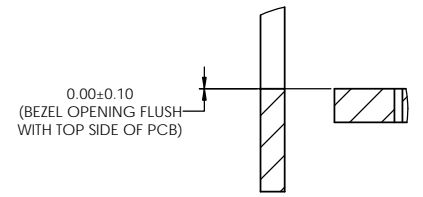
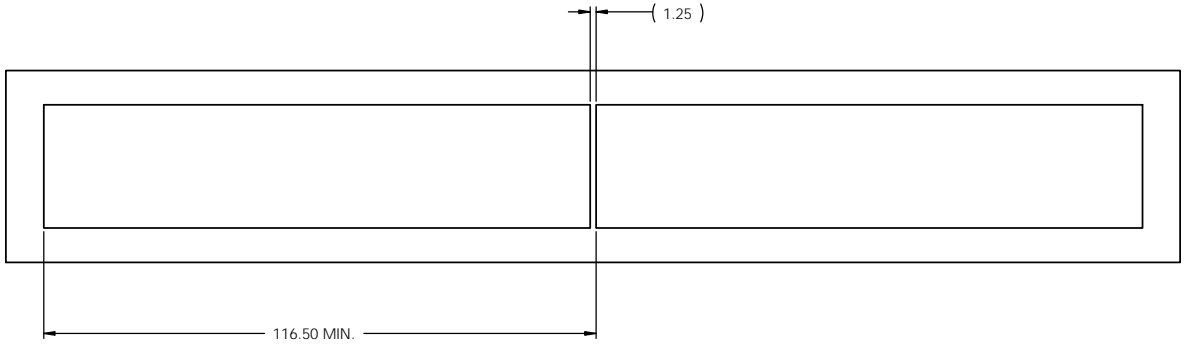
UNLESS SPECIFIED OTHERWISE DIMENSIONS ARE IN MILLIMETERS REFERENCE IN PARENTHESES GENERAL TOLERANCES	DRAWN P. OU FEB 06/14 CHECKED J. SI FEB 10/14 M.E. APP'D Q.A. APP'D DWG APP'D J. SI FEB 10/14 MATERIAL AND FINISH SEE NOTES REF. ECN Exxxxx	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com  <b>2X8 SFP ULTRAPORT WITH LIGHT PIPE          OPTIONS AND EMI SPRING FINGER</b>	
1 DECIMAL PLACE ±0.25 2 DECIMAL PLACE ±0.15 3 DECIMAL PLACE N/A ANGULAR DEGREES ±1° ENG. REL. NO.	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	DWG. NO. P-UE86-3G8620-XOX61 CODE ID NO. 03554 DWG SIZE: A4 SCALE: 1:1 SHEET 2 OF 5

1 2 3

REVISIONS				
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SECTION C-C  
SCALE 3 : 2



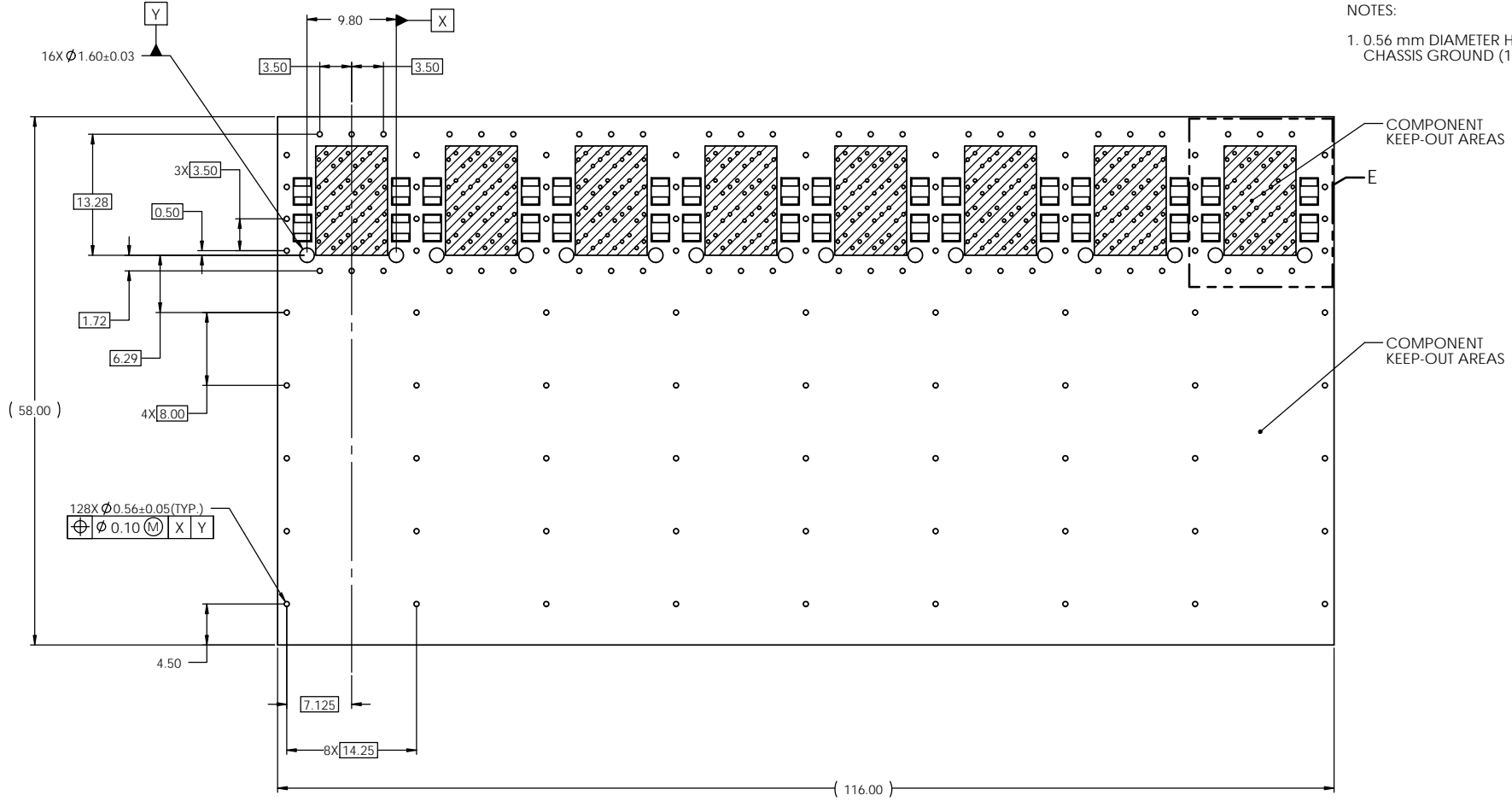
DETAIL D  
SCALE 2 : 1

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DIMENSIONS ARE IN MILLIMETERS		CHECKED	J. SI	FEB 10/14		
REFERENCE IN PARENTHESES		M.E. APP'D				
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG APP'D	J. SI	FEB 10/14	2X8 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER	
2 DECIMAL PLACE	±0.15	MATERIAL AND FINISH	SEE NOTES			
3 DECIMAL PLACE	N/A	REF.	ECN Exxxxx		DWG. NO.	
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING		P-UE86-3G8620-X0X61	
ENG. REL. NO.					REV D	
		CODE ID NO.	03554	DWG SIZE: A4	SCALE: 1:1	SHEET 3 OF 5

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NOTES:  
1. 0.56 mm DIAMETER HOLES ARE CHASSIS GROUND (129HOLES).

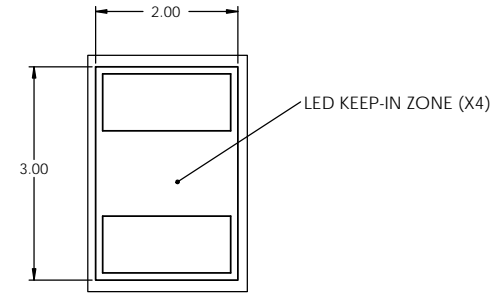
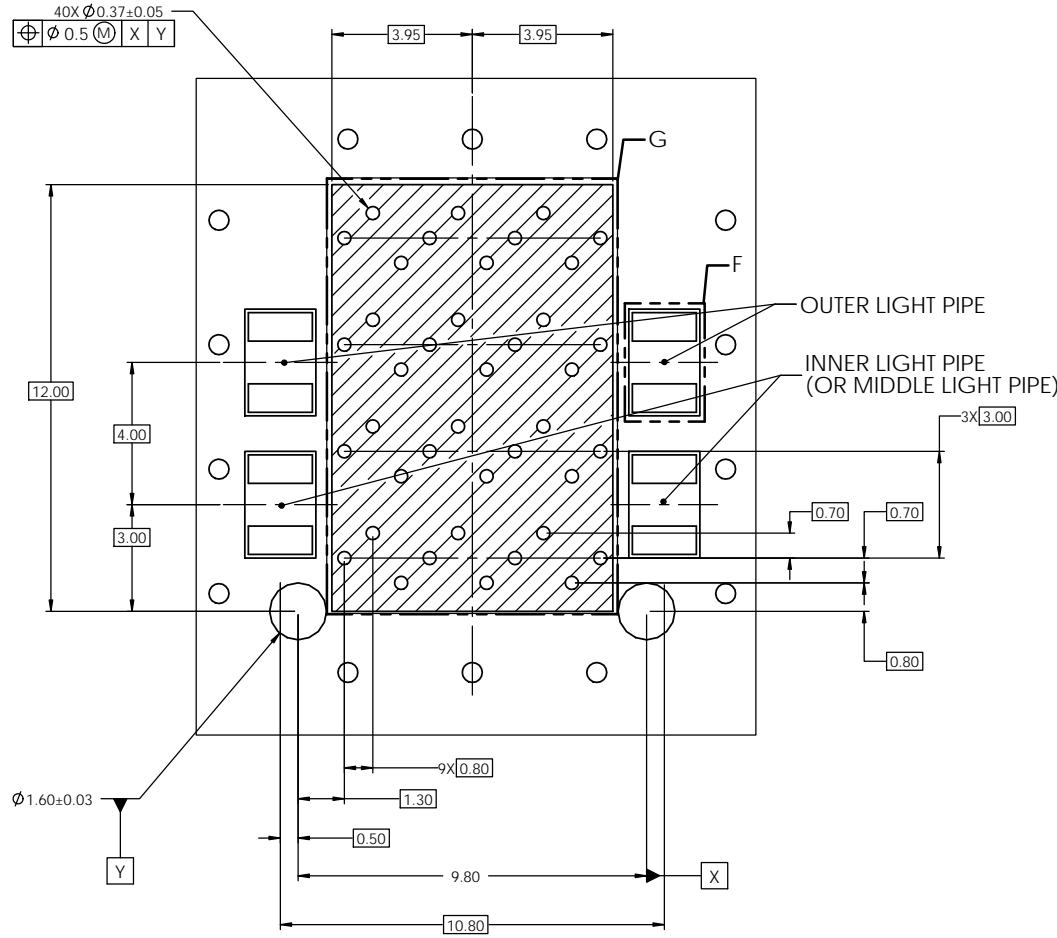


## 2X8 PCB LAYOUT

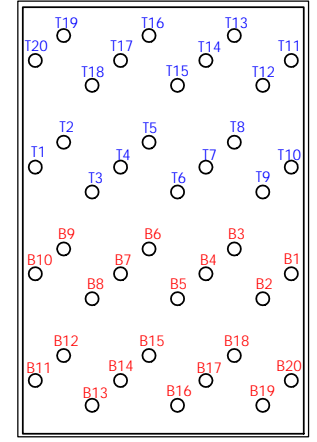
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GENERAL TOLERANCES	Q.A. APP'D			
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2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES		
3 DECIMAL PLACE N/A	REF.	ECN Exxxxx		DWG. NO.
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION			P-UE86-3G8620-X0X61
ENG. REL. NO.				REV D
				CODE ID NO. 03554   DWG SIZE: A4   SCALE: 2:1   SHEET 4 OF 5

REVISIONS				
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DETAIL F  
SCALE 10 : 1



DETAIL G  
SCALE 5 : 1

DETAIL E  
SCALE 5 : 1

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ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ENG. REL. NO.			

<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com			
2X8 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER			
DWG. NO.	P-UE86-3G8620-X0X61		REV D
CODE ID NO. 03554	DWG SIZE: A4	SCALE: 2:1	SHEET 5 OF 5