



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**AMPHENOL PART NUMBER CONFIGURATION**

UE86-3G 8620-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

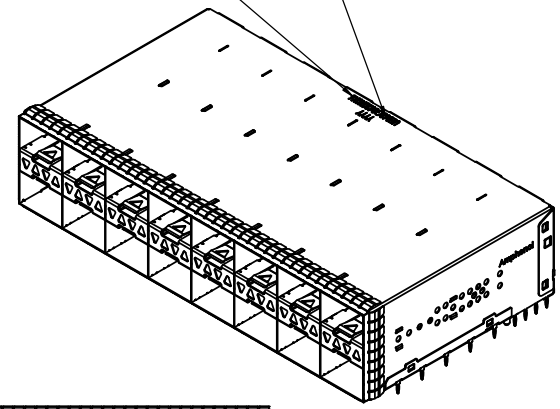
**PACKAGING**  
1 - TRAY PACKAGING (STACKED)

- 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

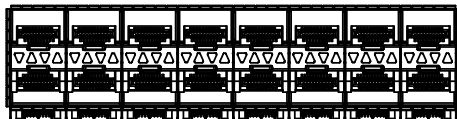
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
D		UPDATE NOTES	AUG 19/14	J.SI
E		UPDATE PCB THICKNESS	NOV 02/15	J.SI
F		REMOVED DIM. ZONE B5, SHEET 2 OF 5	NOV 02/16	J.SI

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

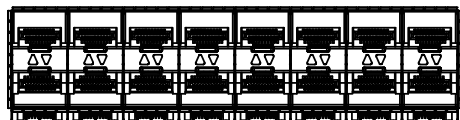
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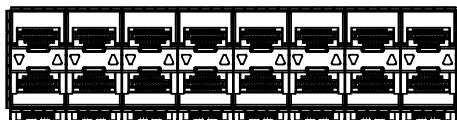
NO LIGHT PIPES  
UE86-3G 8620-00X61



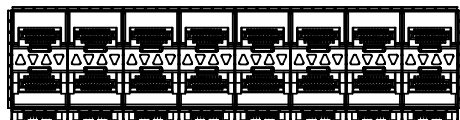
4 LIGHT PIPES  
UE86-3G 8620-10X61



2 INNER LIGHT PIPES  
UE86-3G 8620-20X61



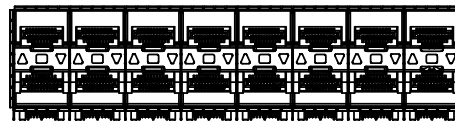
2 OUTER LIGHT PIPES  
UE86-3G 8620-30X61



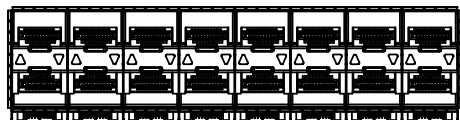
4 LIGHT PIPES UPSIDE DOWN  
UE86-3G 8620-40X61



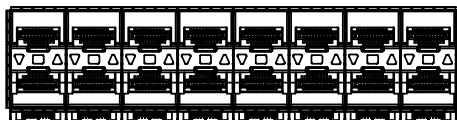
2 INNER LIGHT PIPES UPSIDE DOWN  
UE86-3G 8620-50X61



3 LIGHT PIPES UPSIDE DOWN  
UE86-3G 8620-80X61



2 OUTER LIGHT PIPES UPSIDE DOWN  
UE86-3G 8620-60X61



3 LIGHT PIPES  
UE86-3G 8620-70X61



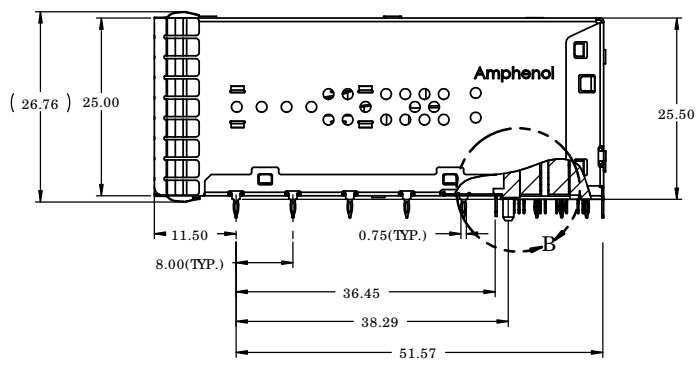
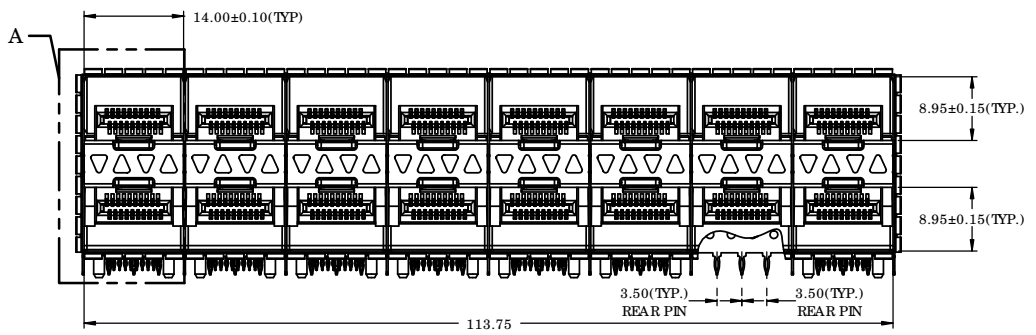
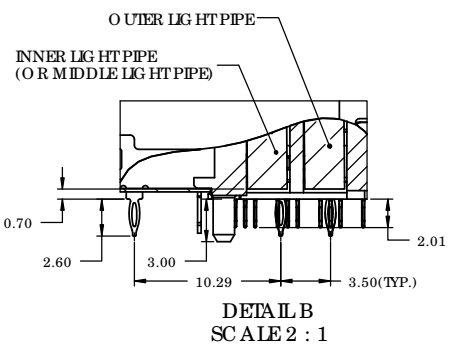
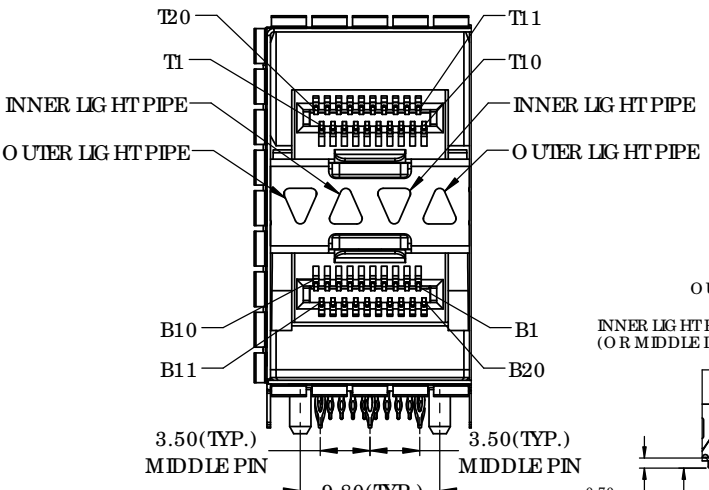
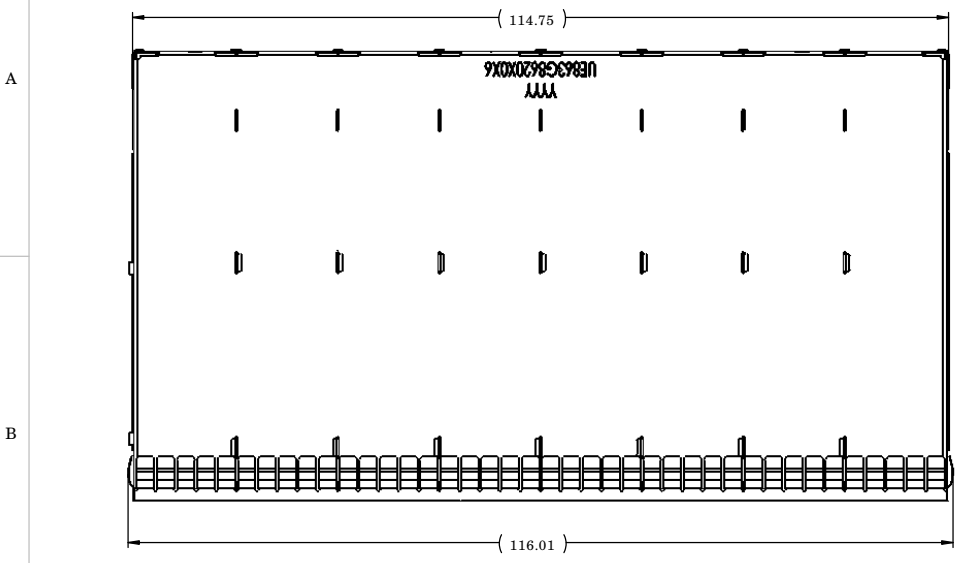
**MATERIAL: (RoHS COMPLIANT)**

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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UNLESS SPECIFIED OTHERWISE DIMENSIONS ARE IN MILLIMETERS	DRAWN P. OU CHECKED J. SI	FEB 06/14 NOV 02/15	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com  <b>2X8 SFP ULTRA PORT WITH LIGHT PIPE                  OPTIONS AND EMI SPRING FINGER</b>
REFERENCE IN PARENTHESES	M.E. APP'D Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D J. SI	NOV 02/15	
1 DECIMAL PLACE ±0.25 2 DECIMAL PLACE ±0.15 3 DECIMAL PLACE N/A ANGULAR DEGREES ±1°	MATERIAL AND FINISH REF. ECN Exxxxx	SEE NOTES	
ENG. REL. NO.	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	DWG. NO. <b>P-UE86-3G 8620-X0X61</b> CODED NO. 03554   DWG SIZE A4   SCALE 3:5   SHEET 1 OF 5

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
D		UPDATE NOTES	AUG 19/14	J.SI
E		UPDATE PCB THICKNESS	NOV 02/15	J.SI
F		REMOVED DIM. ZONE B5, SHEET 2 OF 5	NOV 02/16	J.SI

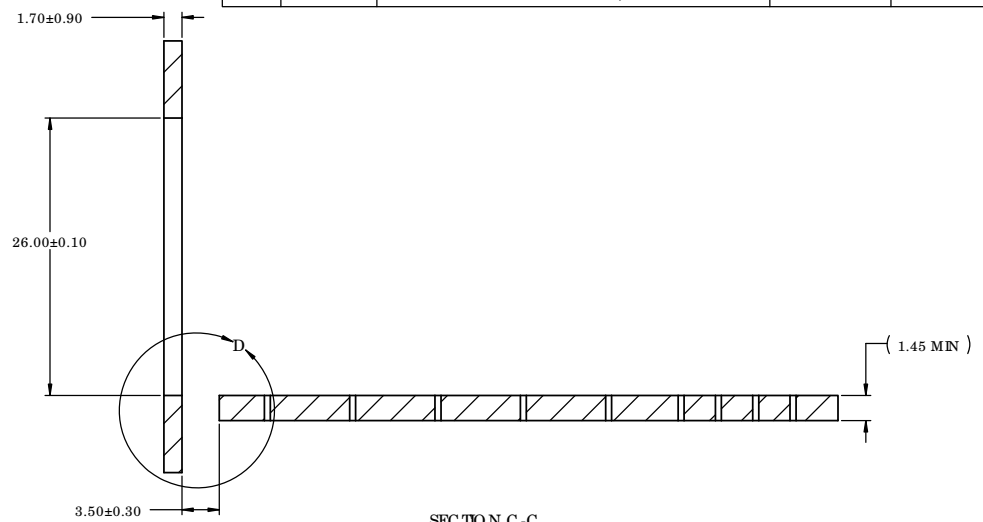
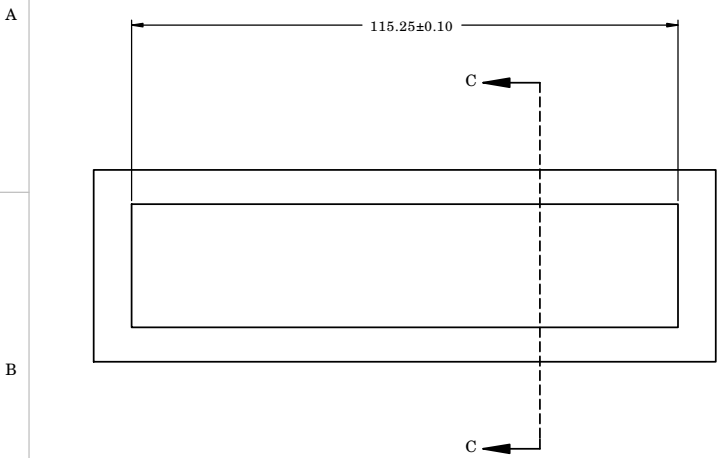


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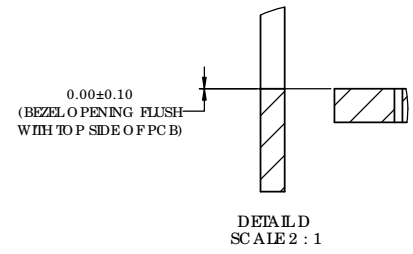
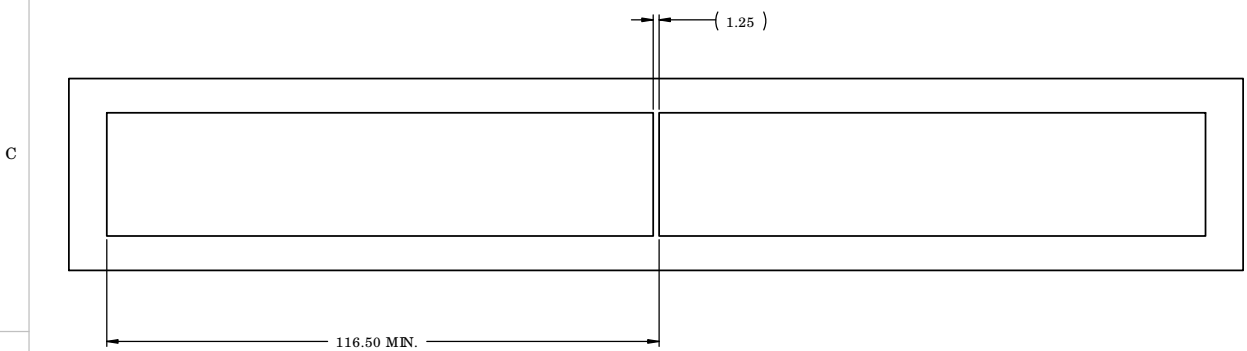
UNLESS SPECIFIED OTHERWISE	DRAWN	P. OU	FEB 06/14	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com  <b>2X8 SEP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER</b>
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NOV 02/15	
REFERENCES IN PARENTHESES	M.E. APP'D			
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		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING		
ENG. REL. NO.				DWG. NO. P-UE86-3G 8620-X0X61
				REV F
				CODED NO. 03554 DWG SIZE A4 SCALE 1:1 SHEET 2 OF 5

1 2 3 4 5 6

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
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F		REMOVED DIM. ZONE B5, SHEET 2 OF 5	NOV 02/16	J.SI



SECTION C-C  
SCALE 3 : 2



DETAIL D  
SCALE 2 : 1

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UNLESS SPECIFIED OTHERWISE		DRAWN	P. OU	FEB 06/14	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com
DIMENSIONS ARE IN MILLIMETERS		CHECKED	J. SI	NOV 02/15	
REFERENCE IN PARENTHESES		M.E. APP'D			<b>2X8 SEP ULTRA PORT WITH LIGHT PIPE OPTICS AND EMI SPRING FINGER</b>
GENERAL TOLERANCES		Q.A. APP'D			
1 DECIMAL PLACE ±0.25		DWG APP'D		J. SI	
2 DECIMAL PLACE ±0.15		MATERIAL AND FINISH		SEE NOTES	DWG. NO.
3 DECIMAL PLACE N/A		REF.		ECN Exxxxx	<b>P-UE86-3G 8620-X0X61</b>
ANGULAR DEGREES ±1°		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	REV <b>F</b>
ENG. REL. NO.					CODE ID NO. 03554 DWG SIZE A4 SCALE 1:1 SHEET 3 OF 5

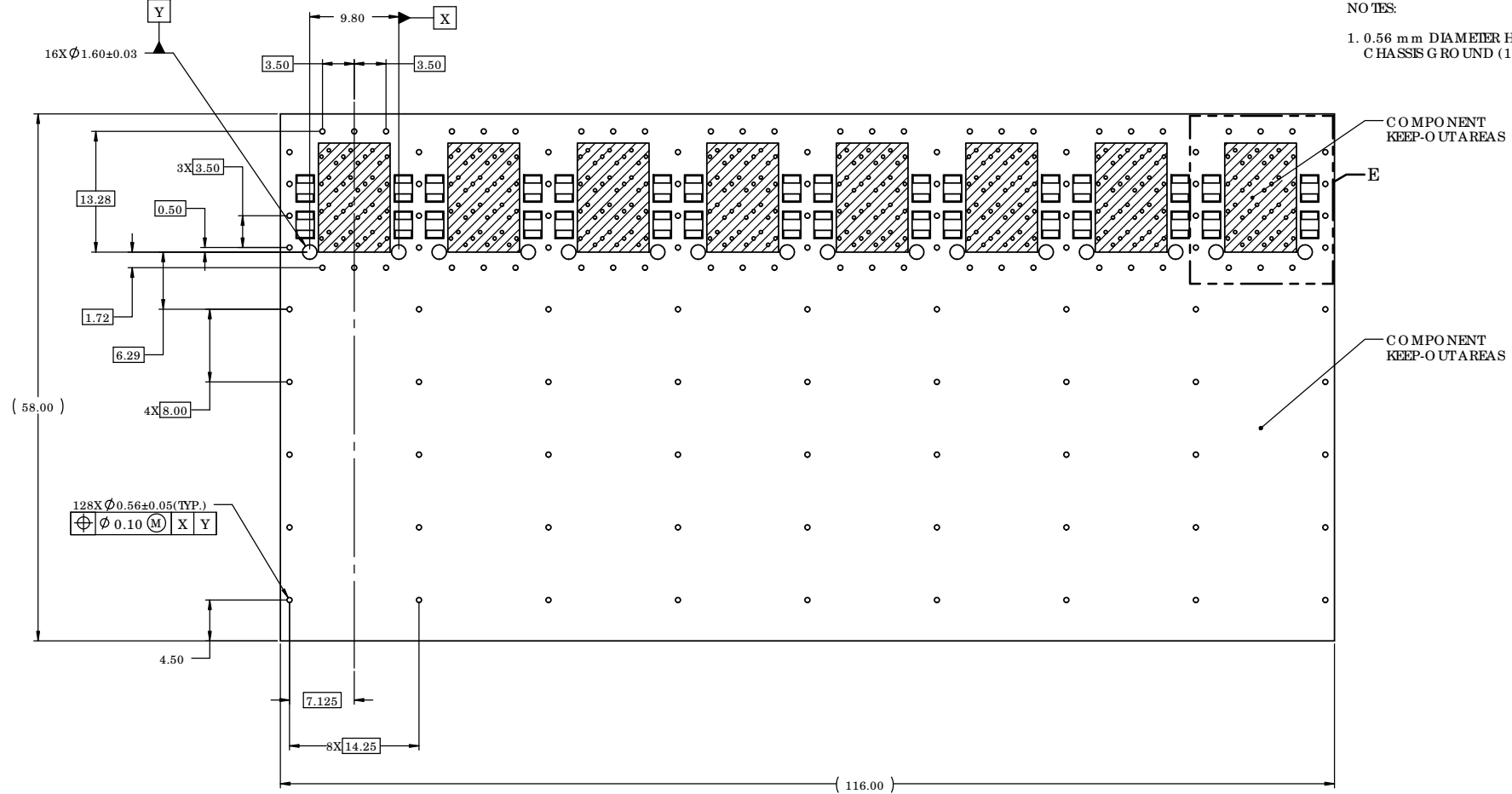
1 2 3

1 2 3 4 5 6

REVISIONS				
REV.	EC N	DESCRIPTION	DATE	APPROVED
D		UPDATE NOTES	AUG 19/14	J.SI
E		UPDATE PCB THICKNESS	NOV 02/15	J.SI
F		REMOVED DIM. ZONE B5, SHEET 2 OF 5	NOV 02/16	J.SI

A A

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



B B

C C

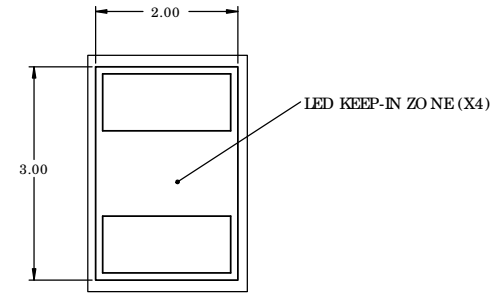
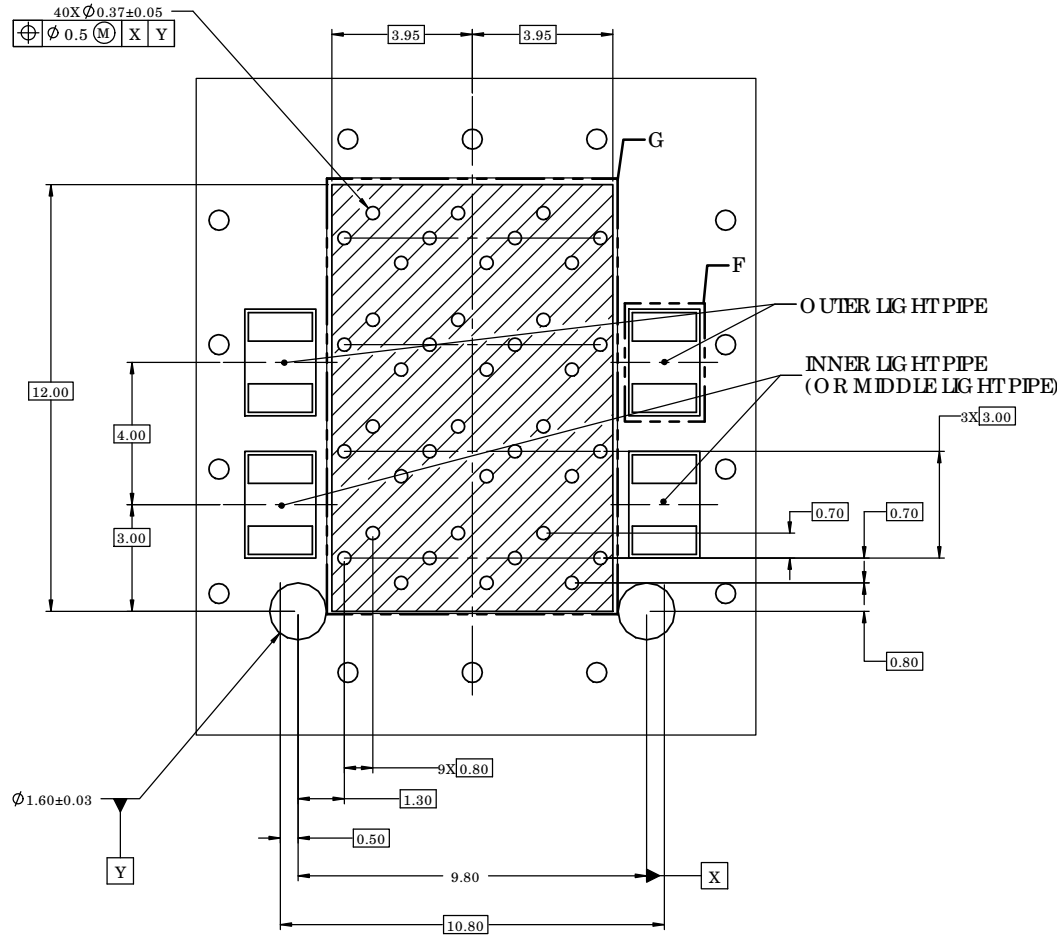
**2X8 PCB LAYOUT**

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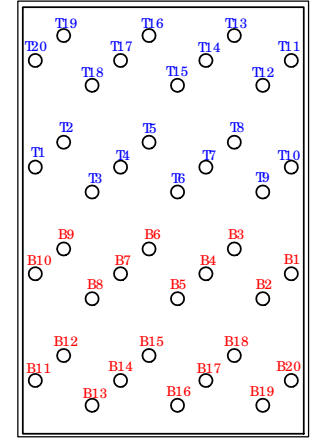
1 2 3

UNLESS SPECIFIED OTHERWISE	DRAWN	P. OU	FEB 06/14	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NOV 02/15	
REFERENCE IN PARENTHESES	M.E. APP'D			<b>2X8 SFP ULTRA PORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER</b>
GENERAL TOLERANCES	Q.A. APP'D			
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2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES		<b>P-UE86-3G 8620-X0X61</b>
3 DECIMAL PLACE N/A	REF.	ECN Exxxxx		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	F
ENG. REL. NO.				CODED NO. 03554
				DWG SIZE A4
				SCALE 2:1
				SHEET 4 OF 5

REVISIONS				
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E		UPDATE PCB THICKNESS	NOV 02/15	J.SI
F		REMOVED DIM. ZONE B5, SHEET 2 OF 5	NOV 02/16	J.SI



DETAIL F  
SCALE 10 : 1



DETAIL G  
SCALE 5 : 1

DETAIL E  
SCALE 5 : 1

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ENG. REL. NO.	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
DWG. NO. P-UE86-3G 8620-X0X61			REV F
CODED NO. 03554 DWG SIZE A4 SCALE 2:1			SHEET 5 OF 5