

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

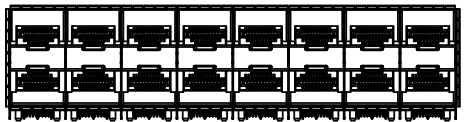
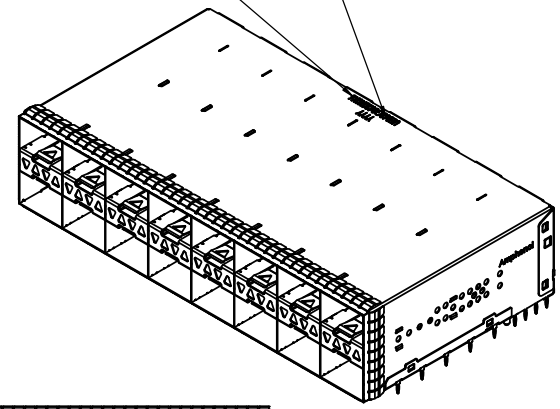
AMPHENOL PART NUMBER CONFIGURATION  
**UE86-3G8620-X0X61**

- 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

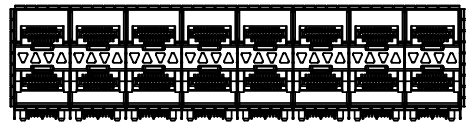
- PACKAGING**
- 1 - TRAY PACKAGING (STACKED)
- PLATING OPTIONS FOR CONNECTOR**
- 2 - 30µ" GOLD PLATING ON MATING AREA  
15~100µ" MATTE TIN ON TERMINATION
  - 3 - 30µ" GOLD PLATING ON MATING AREA  
150~300µ" MATTE TIN ON TERMINATION
  - 5 - 15µ" GOLD PLATING ON MATING AREA  
15~100µ" MATTE TIN ON TERMINATION
  - 6 - 15µ" GOLD PLATING ON MATING AREA  
150~300µ" MATTE TIN ON TERMINATION

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

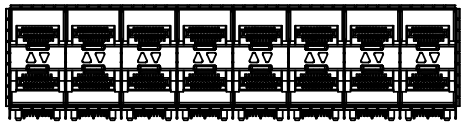
DATE CODE



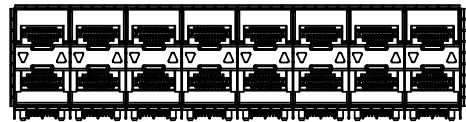
NO LIGHT PIPES  
 UE86-3G8620-00X61



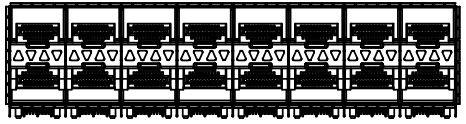
4 LIGHT PIPES  
 UE86-3G8620-10X61



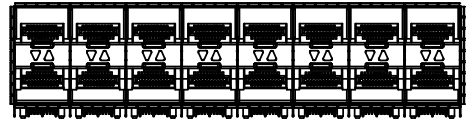
2 INNER LIGHT PIPES  
 UE86-3G8620-20X61



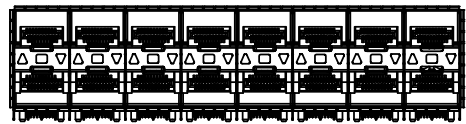
2 OUTER LIGHT PIPES  
 UE86-3G8620-30X61



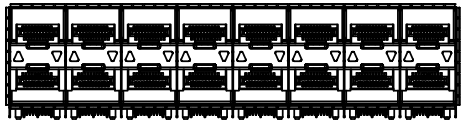
4 LIGHT PIPES UPSIDE DOWN  
 UE86-3G8620-40X61



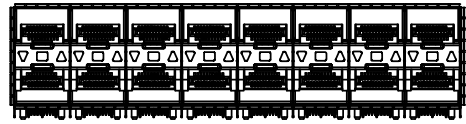
2 INNER LIGHT PIPES UPSIDE DOWN  
 UE86-3G8620-50X61



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

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

UNLESS SPECIFIED OTHERWISE	DRAWN	P. OU	FEB 06/14
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
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.			

**Amphenol High Speed Interconnects**  
 A Division of Amphenol Corp. www.amphenolcanada.com

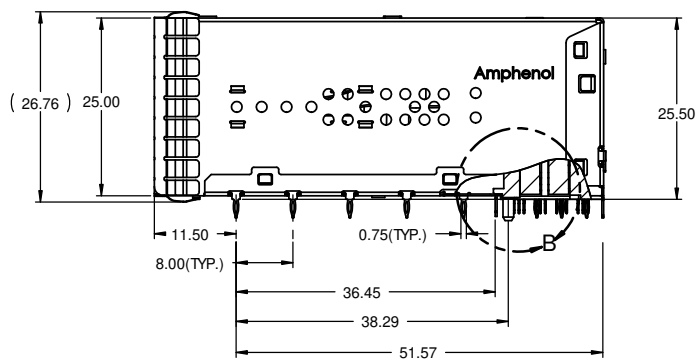
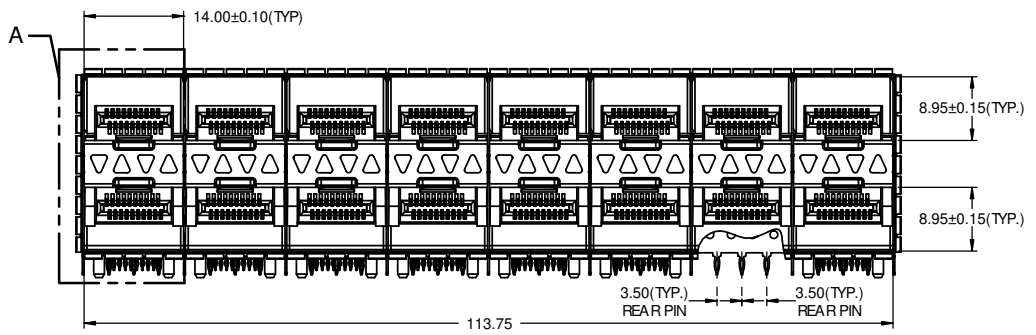
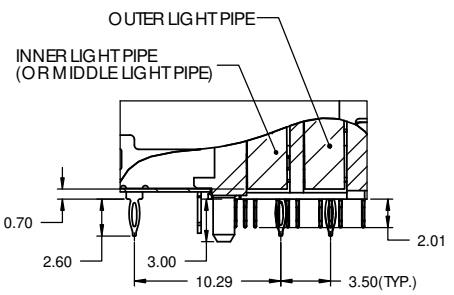
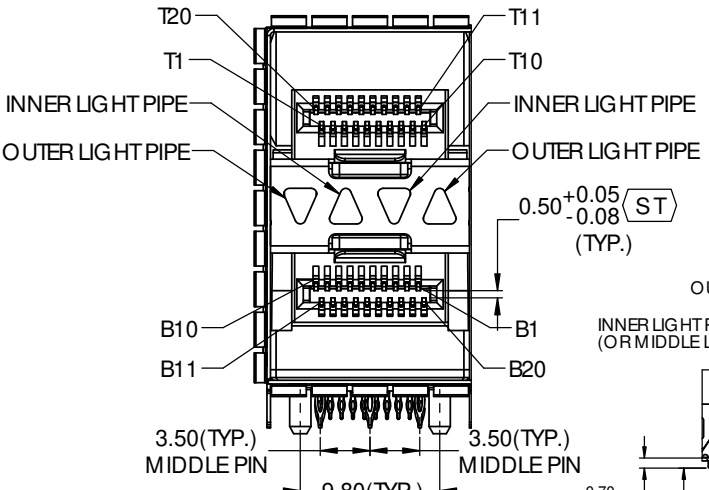
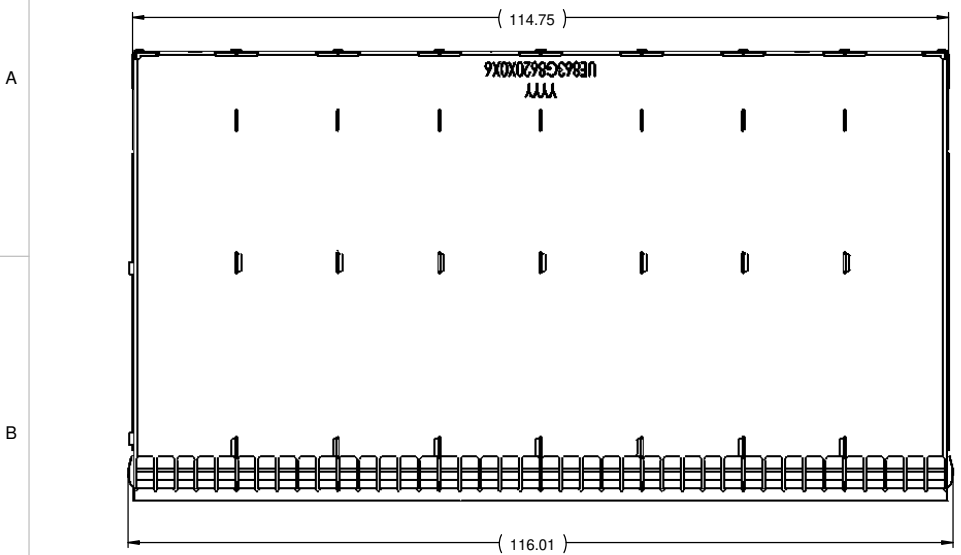
**2X8 SFP ULTRA PORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER**

DWG. NO. **P-UE86-3G8620-X0X61** REV D

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

1 2 3 4 5 6

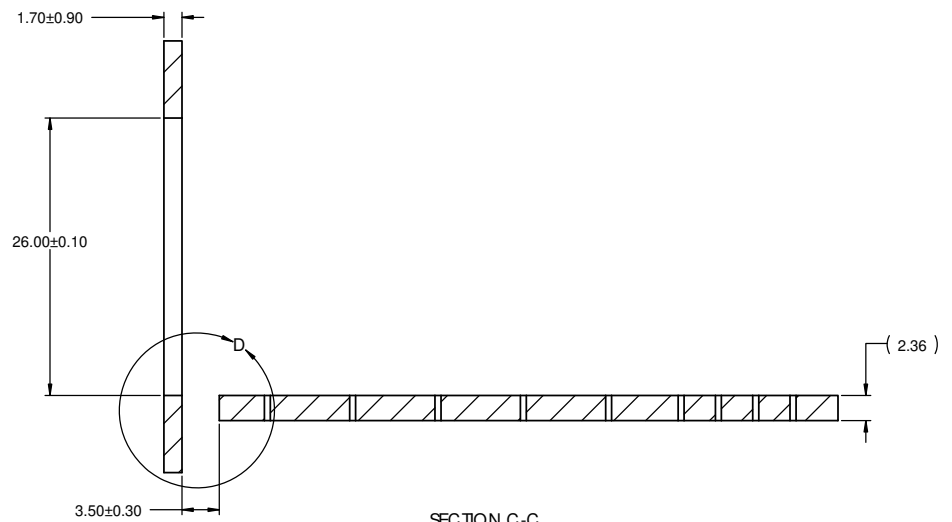
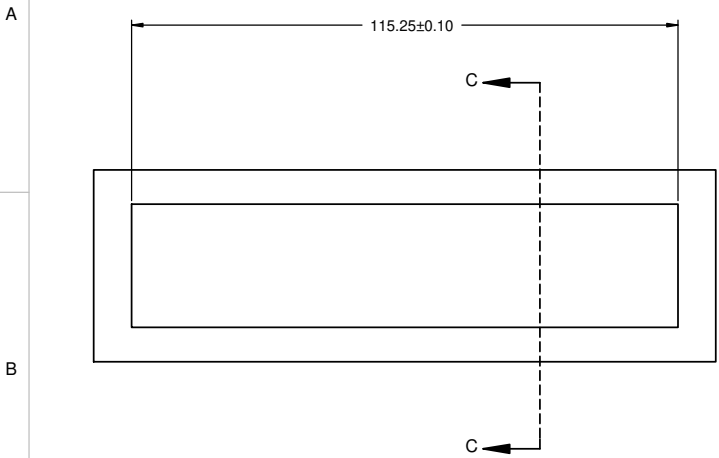
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
B		CHANGE MIDDLE RIB WIDTH OF THE BEZEL FROM 4mm to 1.25mm	25/03/2014	J. SI
C		UPDATE PLATING OPTIONS	JUN 25/ 14	J.SI
D		UPDATE NOTES	AUG 19/14	J.SI



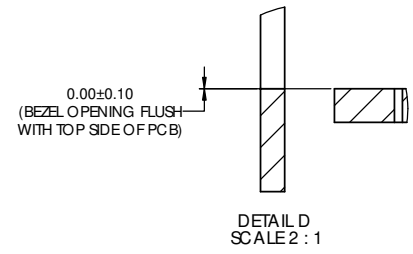
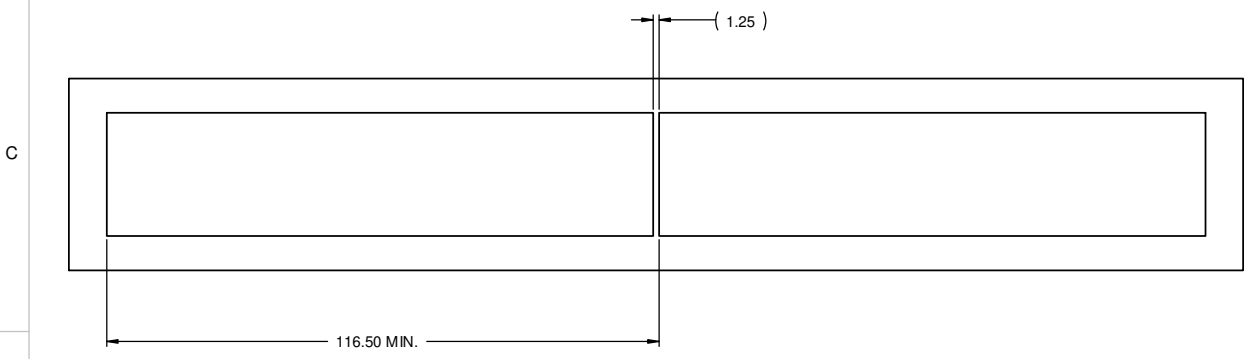
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE DIMENSIONS ARE IN MILLIMETERS REFERENCE IN PARENTHESES GENERAL TOLERANCES	DRAWN P. OU CHECKED J. SI M.E. APPD Q.A. APPD DWG APPD J. SI MATERIAL AND FINISH REF. ECN Exxxxx	FEB 06/14 FEB 10/14	<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>	DWG. NO.	REV D
1 DECIMAL PLACE ±0.25 2 DECIMAL PLACE ±0.15 3 DECIMAL PLACE N/A ANGULAR DEGREES ±1° ENGR. REL. NO.	SEE NOTES	FEB 10/14		P-UE86-3G8620-X0X61	

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



SECTION C-C  
SCALE 3 : 2



DETAIL D  
SCALE 2 : 1

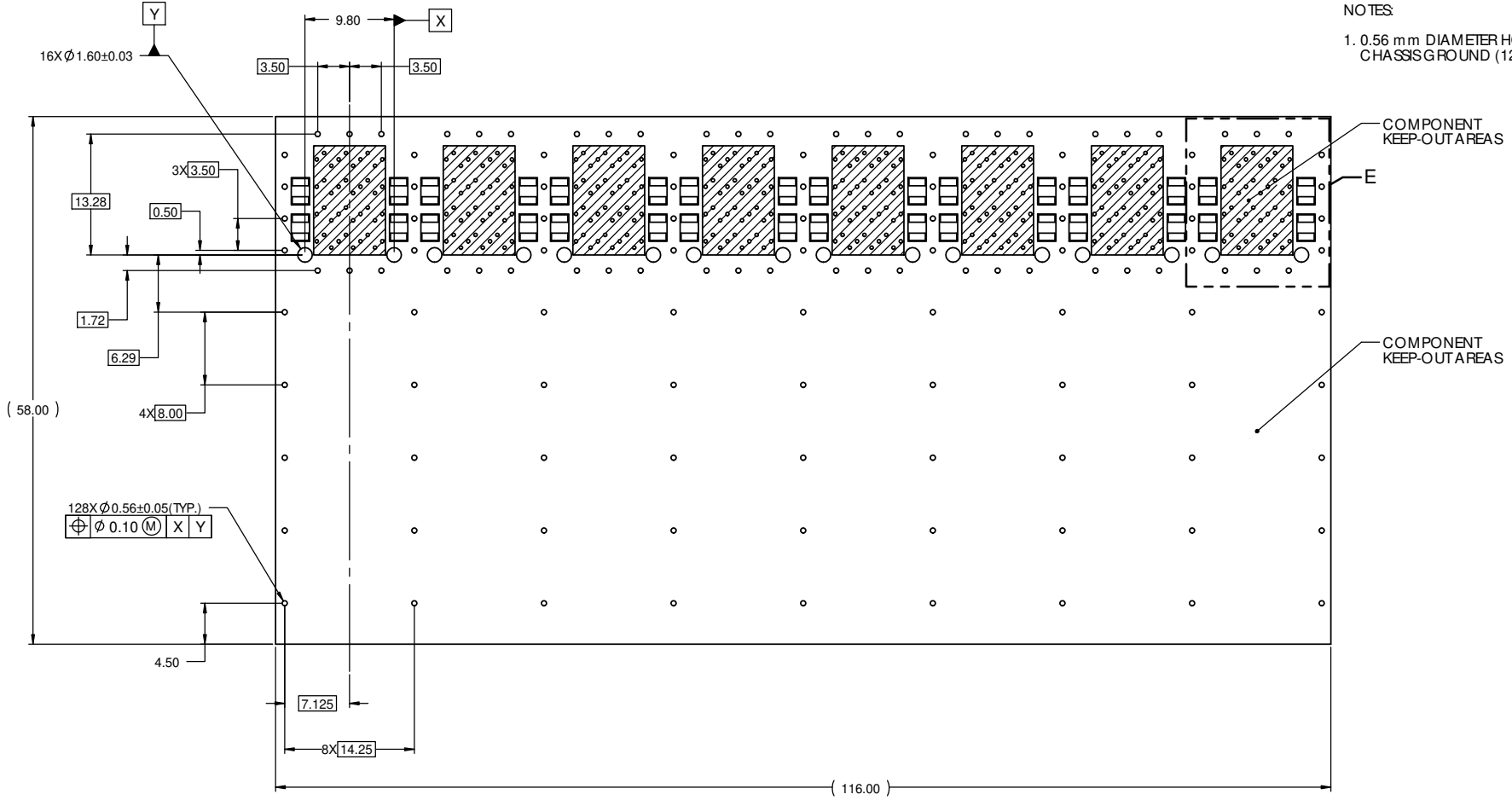
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

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 SFP ULTRA PORT WITH LIGHT PIPE          OPTIONS AND EMI SPRING FINGER</b>
DIMENSIONS ARE IN MILLIMETERS		CHECKED	J. SI	FEB 10/ 14	
REFERENCE IN PARENTHESES		M.E. APPD			
GENERAL TOLERANCES		Q.A. APPD			
1 DECIMAL PLACE	±0.25	DWG APPD	J. SI	FEB 10/ 14	
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		DWG. NO.
ENG. REL. NO.					P-UE86-3G8620-X0X61
					REV D

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

NOTES:

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

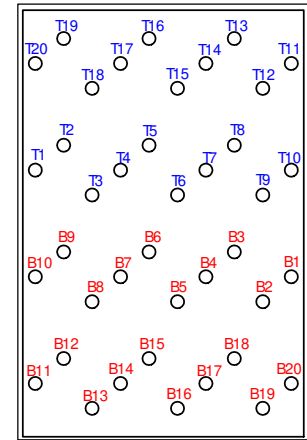
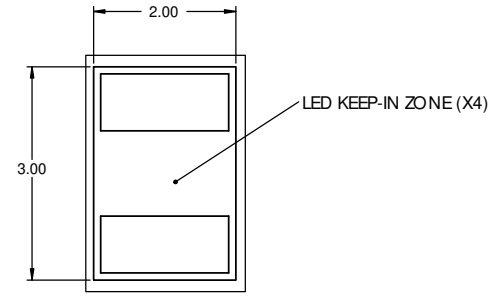
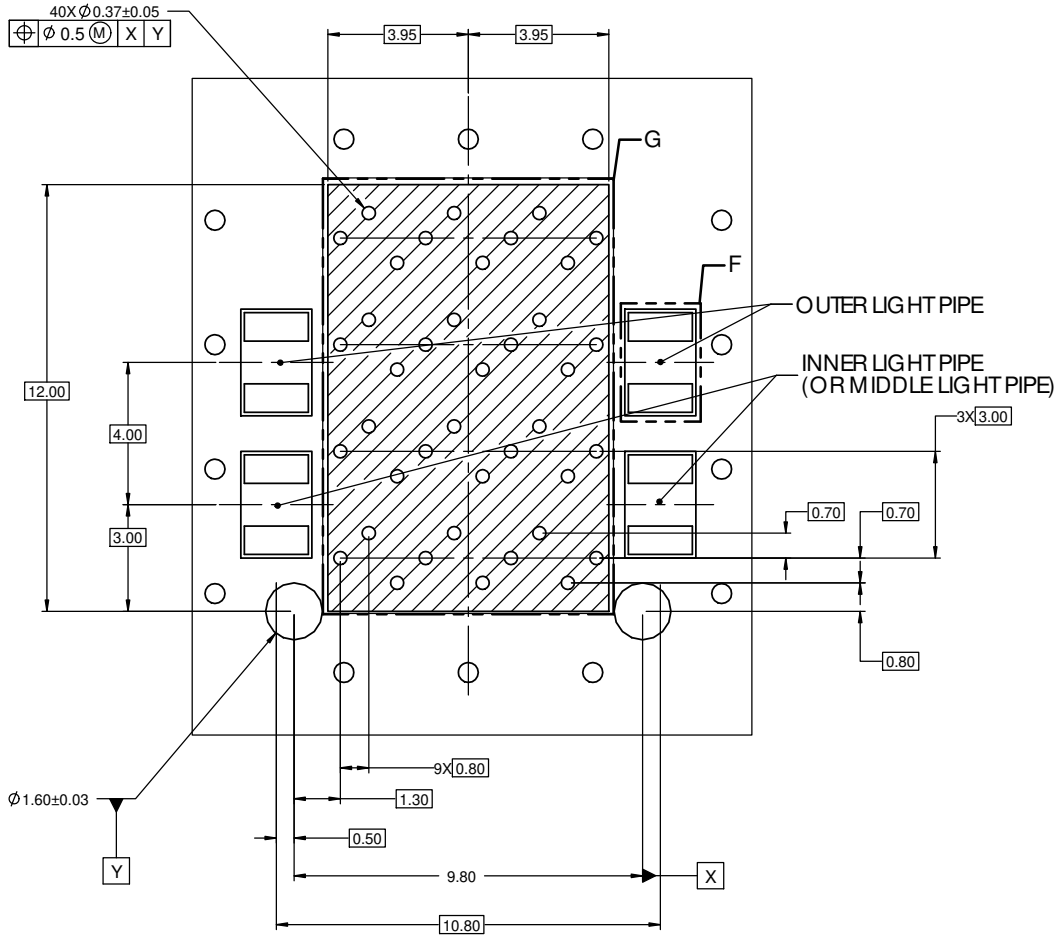


2X8 PCB LAYOUT

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

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 SFP ULTRA PORT WITH LIGHT PIPE            OPTIONS AND EMI SPRING FINGER</b>	DWG. NO. <b>P-UE86-3G8620-X0X61</b> REV <b>D</b>
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	FEB 10/14		
REFERENCE IN PARENTHESES	M.E. APPD				
GENERAL TOLERANCES	Q.A. APPD				
1 DECIMAL PLACE ±0.25	DWG APPD	J. SI	FEB 10/14	CODE ID NO. 03554   DWG SIZE: A4   SCALE: 2:1   SHEET 4 OF 5	
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES			
3 DECIMAL PLACE N/A	REF.	ECN Exxxxx			
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION				
ENG. REL. NO.					

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



DETAIL E  
SCALE 5 : 1

DETAIL F  
SCALE 10 : 1

DETAIL G  
SCALE 5 : 1

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

UNLESS SPECIFIED OTHERWISE	DRAWN	P. OU	FEB 06/14
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	FEB 10/14
REFERENCE IN PARENTHESES	M.E. APPD		
GENERAL TOLERANCES	Q.A. APPD		
1 DECIMAL PLACE ±0.25	DWG APPD	J. SI	FEB 10/14
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.			

Amphenol High Speed Interconnects  
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