

AMPHENOL PART NUMBER CONFIGURATION  
**UE86-3G6620-X0X61**

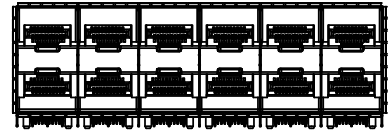
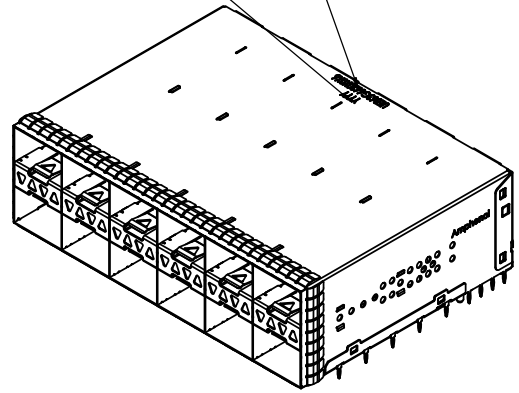
- LIGHT PIPE OPTION**
- 0 - NO LIGHT PIPE
  - 1 - 4 LP PER 2X1, NORMAL ORIENTATION
  - 2 - 2 INNER LP PER 2X1, NORMAL ORIENTATION
  - 3 - 2 OUTER LP PER 2X1, NORMAL ORIENTATION
  - 4 - 4 LP PER 2X1, REVERSING ORIENTATION
  - 5 - 2 INNER LP PER 2X1, REVERSING ORIENTATION
  - 6 - 2 OUTER LP PER 2X1, REVERSING 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

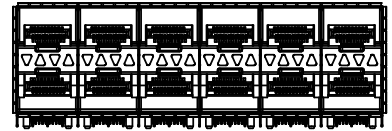
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 19/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE B4, SHEET 2 OF 5	OCT31/16	J.SI

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

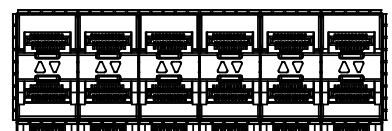
DATE CODE



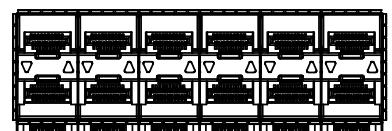
NO LIGHT PIPES  
 UE86-3G6620-00361



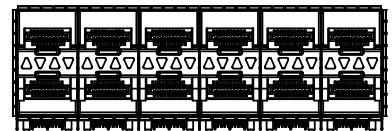
4 LIGHT PIPES  
 UE86-3G6620-10361



2 INNER LIGHT PIPES  
 UE86-3G6620-20361



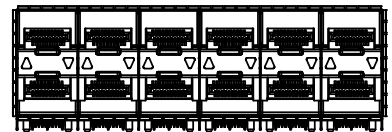
2 OUTER LIGHT PIPES  
 UE86-3G6620-30361



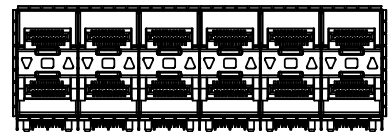
4 LIGHT PIPES UPSIDE DOWN  
 UE86-3G6620-40361



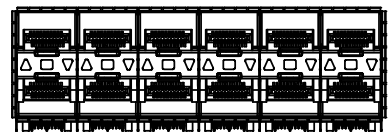
2 INNER LIGHT PIPES UPSIDE DOWN  
 UE86-3G6620-50361



2 OUTER LIGHT PIPES UPSIDE DOWN  
 UE86-3G6620-60361



3 LIGHT PIPES  
 UE86-3G6620-70361



3 LIGHT PIPES UPSIDE DOWN  
 UE86-3G6620-80361

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	FEB10/14
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NOV03/15
REFERENCE IN PARENTHESES	M.E. APPD		
GENERAL TOLERANCES	Q.A. APPD		
1 DECIMAL PLACE ±0.25	DWG APPD	J. SI	NOV03/15
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.			

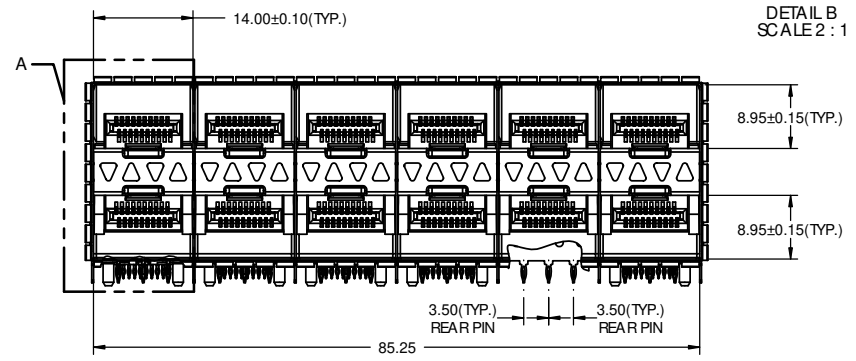
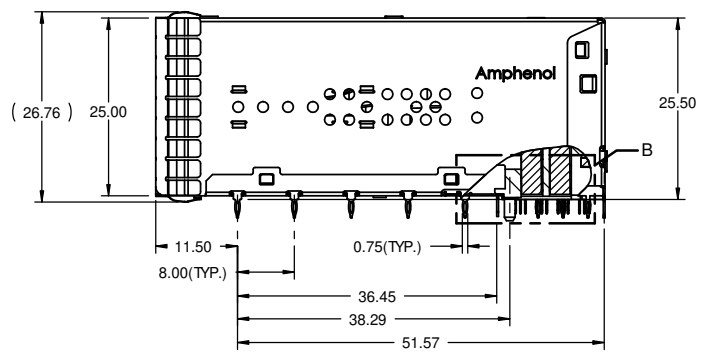
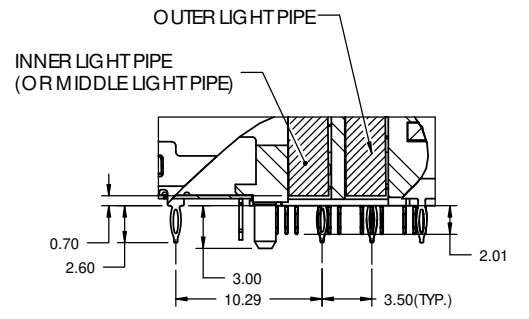
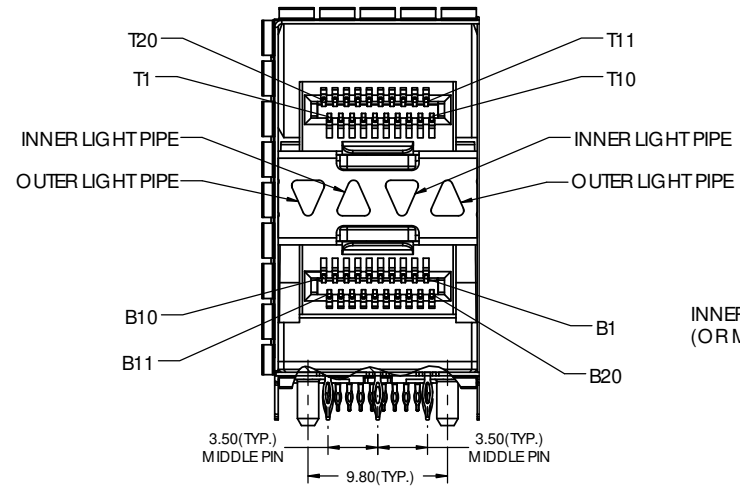
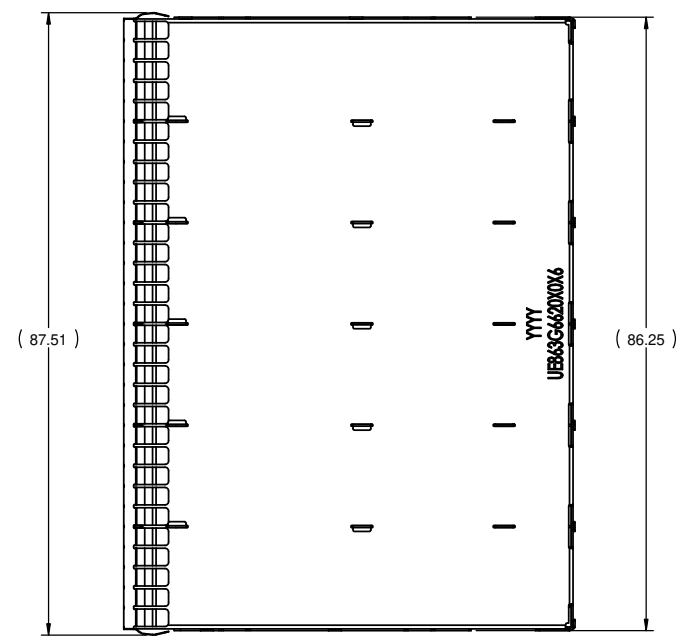
Amphenol High Speed Interconnects  
 A Division of Amphenol Corp. www.amphenolcanada.com

2X6 SFP ULTRA PORT WITH LIGHT PIPE  
 OPTIONS AND EMI SPRING FINGER

DWG. NO.	P-UE86-3G6620-X0X61	REV E
CODE ID NO.	03554	DWG SIZE: A4 SCALE: 2:3 SHEET 1 OF 5

**REVISIONS**

REV.	ECN	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 19/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE B4, SHEET 2 OF 5	OCT31/16	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	DRAWN	P. OU	FEB10/14
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NOV03/15
REFERENCE IN PARENTHESES	M.E. APPD		
GENERAL TOLERANCES	Q.A. APPD		
1 DECIMAL PLACE ±0.25	DWG APPD	J. SI	NOV03/15
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES	
3 DECIMAL PLACE N/A	REF.	ECN Exxxx	
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

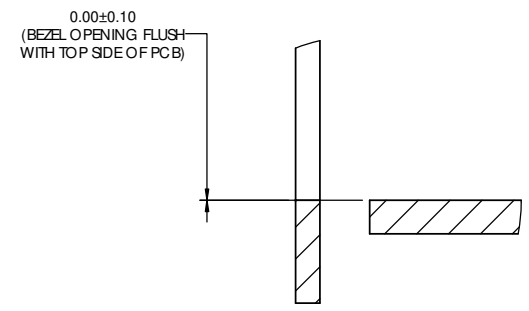
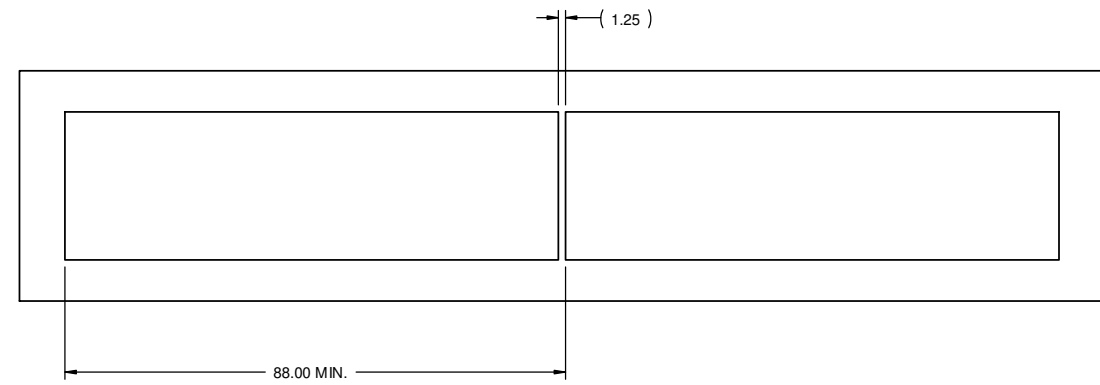
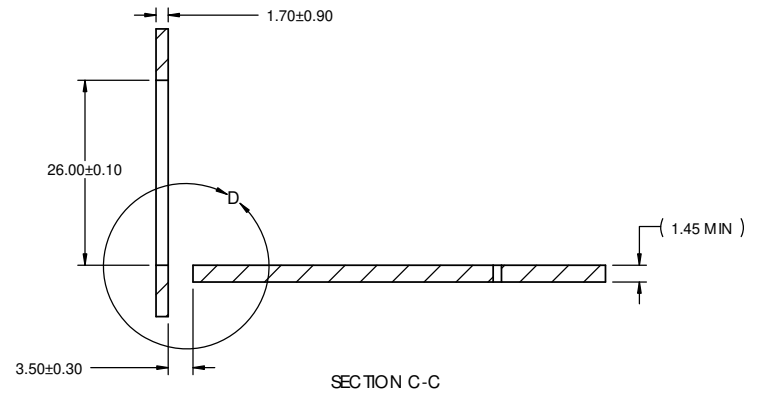
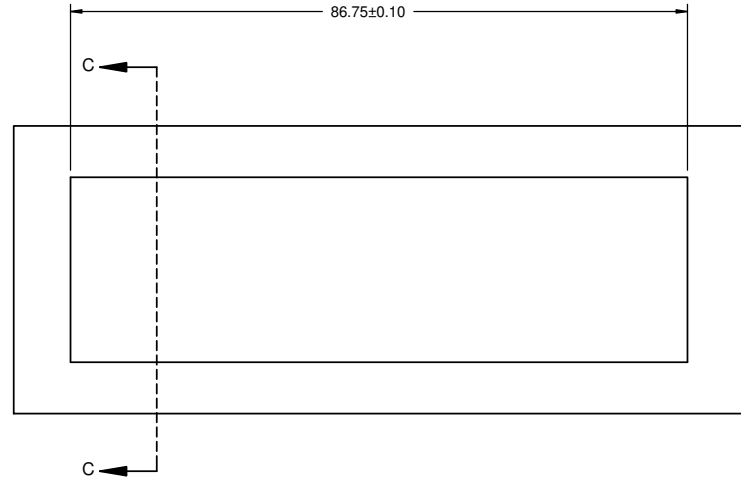
**2X6 SFP ULTRA PORT WITH LIGHT PIPE  
 OPTIONS AND EMI SPRING FINGER**

DWG. NO. **P-UE86-3G620-X0X61** REV E

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

REVISIONS

REV.	ECN	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 19/ 14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/ 15	J.SI
E		REMOVED DIM. ZONE B4, SHEET 2 OF 5	OCT31/ 16	J.SI



DETAIL D  
SCALE 2 : 1

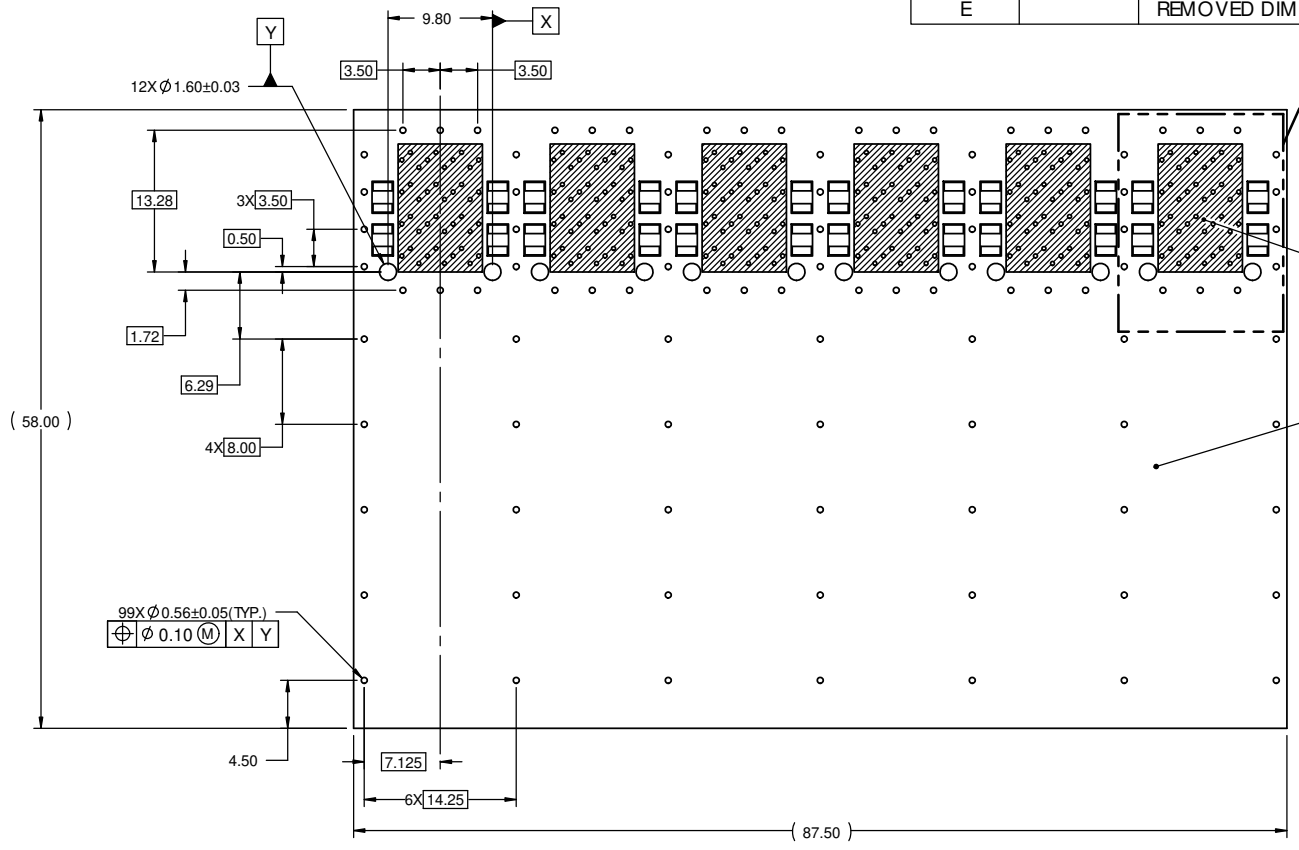
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE		DRAWN	P. OU	FEB10/ 14	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com	
DIMENSIONS ARE IN MILLIMETERS		CHECKED	J. SI	NOV03/ 15		
REFERENCE IN PARENTHESES		M.E. APPD				
GENERAL TOLERANCES		Q.A. APPD			<b>2X6 SFP ULTRA PORT WITH LIGHT PIPE                  OPTIONS AND EMI SPRING FINGER</b>	
1 DECIMAL PLACE	±0.25	DWG APPD	J. SI	NOV03/ 15		
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		<b>P-UE86-3G6620-X0X61</b>	REV E
ENG. REL. NO.					CODE ID NO. 03554   DWG SIZE: A4   SCALE: 1:1   SHEET 3 OF 5	

1 2 3 4 5 6

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 19/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE B4, SHEET 2 OF 5	OCT31/16	J.SI

A  
B  
C  
D



NOTES:  
1. 0.56 mm DIAMETER HOLES ARE CHASSIS GROUND (99HOLES).

COMPONENT  
KEEP-OUT AREAS

COMPONENT  
KEEP-OUT AREAS

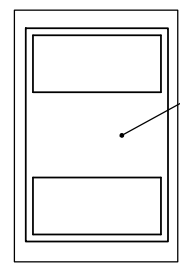
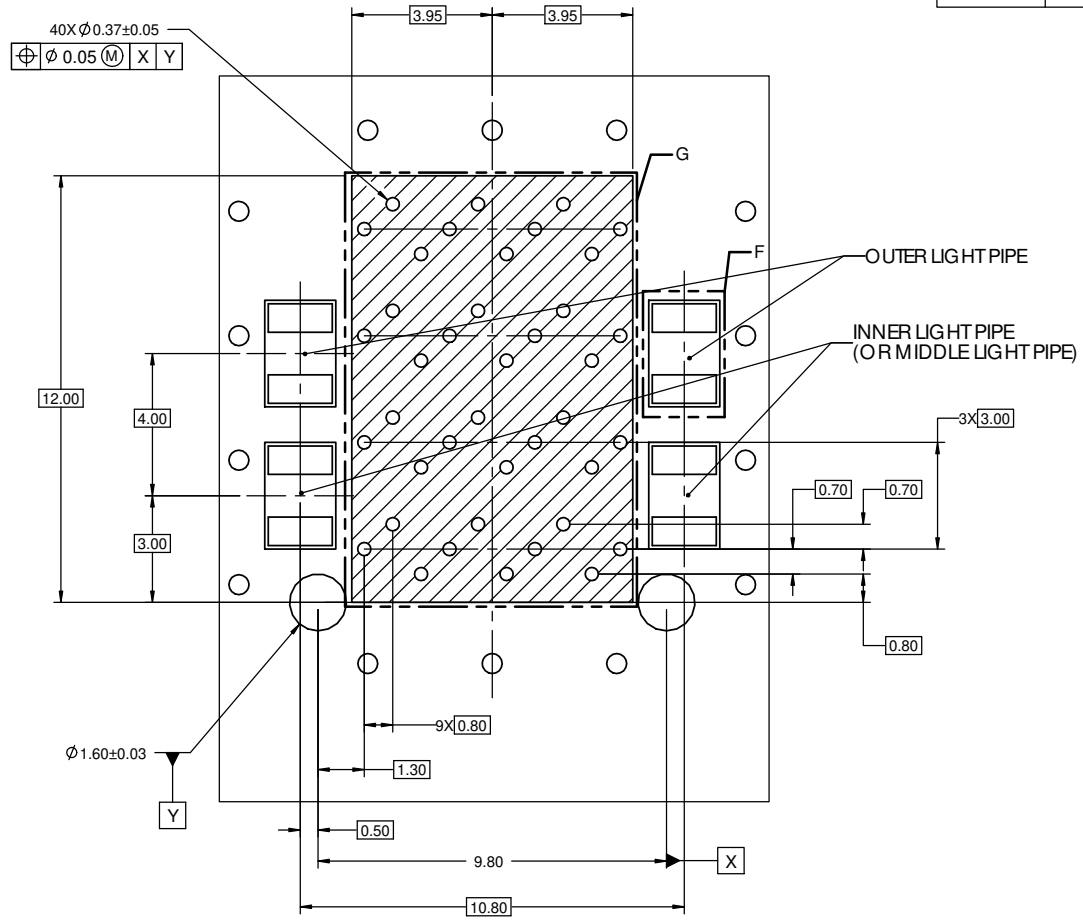
2X6 PCB LAYOUT

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.

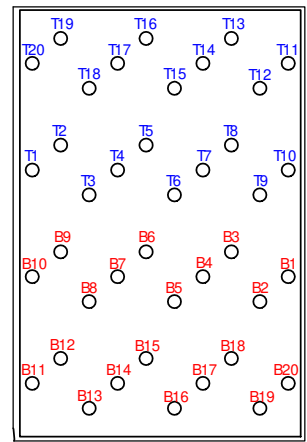
UNLESS SPECIFIED OTHERWISE DIMENSIONS ARE IN MILLIMETERS	DRAWN P. OU FEB10/14	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com  <b>2X6 SFP ULTRA PORT WITH LIGHT PIPE          OPTIONS AND EMI SPRING FINGER</b>	DWG. NO.	REV		
REFERENCE IN PARENTHESES	CHECKED J. SI NOV03/15		P-UE86-3G6620-X0X61	E		
GENERAL TOLERANCES	M.E. APPD Q.A. APPD			CODE ID NO. 03554	DWG SIZE: A4	SCALE: 3:2
1 DECIMAL PLACE ±0.25 2 DECIMAL PLACE ±0.15 3 DECIMAL PLACE N/A ANGULAR DEGREES ±1°	DWG APPD J. SI NOV03/15					
ENG. REL. NO.	MATERIAL AND FINISH REF. ECN Exxxxx	SEE NOTES				
	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING				

1 2 3

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 19/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE B4, SHEET 2 OF 5	OCT31/16	J.SI



DETAIL F  
SCALE 10 : 1



DETAIL G  
SCALE 5 : 1

DETAIL E  
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	FEB10/14
DIMENSIONS ARE IN MILLIMETERS		CHECKED	J. SI	NOV03/15
REFERENCE IN PARENTHESES		M.E. APPD		
GENERAL TOLERANCES		Q.A. APPD		
1 DECIMAL PLACE	±0.25	DWG APPD	J. SI	NOV03/15
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

**2X6 SFP ULTRA PORT WITH LIGHT PIPE  
OPTIONS AND EMI SPRING FINGER**

DWG. NO. **P-UE86-3G6620-X0X61** REV **E**

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