



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



AMPHENOL PART NUMBER CONFIGURATION  
 UES6-3G6420-X0X61

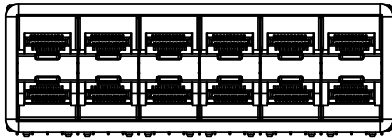
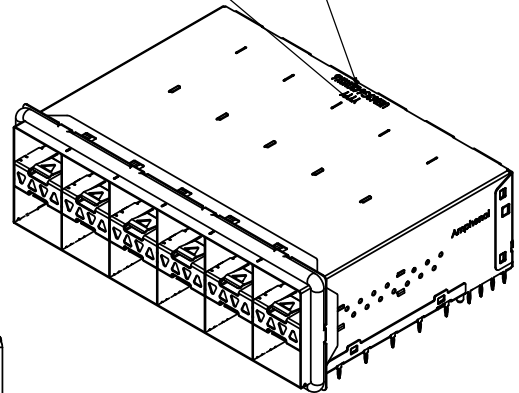
- LIGHT PIPE OPTION**  
 0 - NO LIGHT PIPE  
 1 - 4 LP PER 2X1, NORMAL ORIENTATION  
 2 - 2 INNER LP PER 2X1, NORMAL ORIENTATION  
 3 - 2 OUTER LP PER 2X1, NORMAL ORIENTATION  
 4 - 4 LP PER 2X1, REVERSING ORIENTATION  
 5 - 2 INNER LP PER 2X1, REVERSING ORIENTATION  
 6 - 2 OUTER LP PER 2X1, REVERSING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

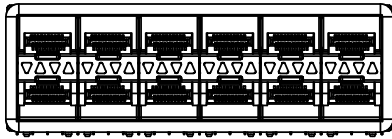
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		INITIAL RELEASE	02/12/2014	J.SI
B		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
C		UPDATE NOTES	AUG 19/14	J.SI

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

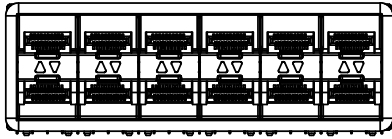
DATE CODE



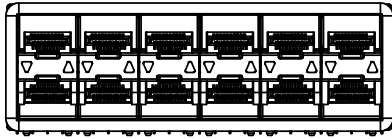
NO LIGHT PIPES  
 UES6-3G 6420-00361



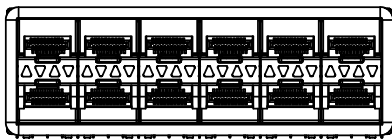
4 LIGHT PIPES  
 UES6-3G 6420-10361



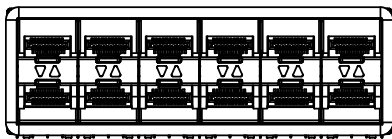
2 INNER LIGHT PIPES  
 UES6-3G 6420-20361



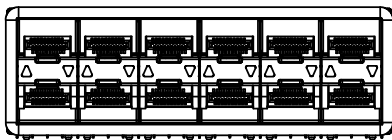
2 OUTER LIGHT PIPES  
 UES6-3G 6420-30361



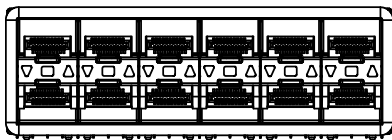
4 LIGHT PIPES UPSIDE DOWN  
 UES6-3G 6420-40361



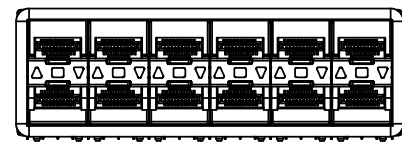
2 INNER LIGHT PIPES UPSIDE DOWN  
 UES6-3G 6420-50361



2 OUTER LIGHT PIPES UPSIDE DOWN  
 UES6-3G 6420-60361



3 LIGHT PIPES  
 UES6-3G 6420-70361



3 LIGHT PIPES UPSIDE DOWN  
 UES6-3G 6420-80361

MATERIAL: (ROHS COMPLIANT)

- CAGE - PRESS FIT: COPPER ALLOY (NICKEL SILVER)
- CONNECTOR - PRESS FIT  
 - PLASTIC HOUSING: LCP, FLAMMABILITY RATING UL94-V0  
 - CONTACTS: PHOSPHOR BRONZE
- LIGHT PIPE: CLEAR POLYCARBONATE, FLAMMABILITY RATING UL94-V0
- PACKAGING: TRAY PACKAGING
- TEMPERATURE RANGE: -40°C TO +85°C
- EMIGASKET: CONDUCTIVE ELASTOMER UL94-V0

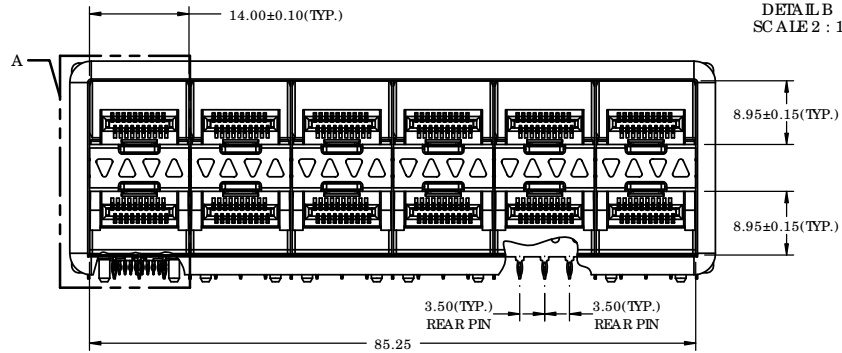
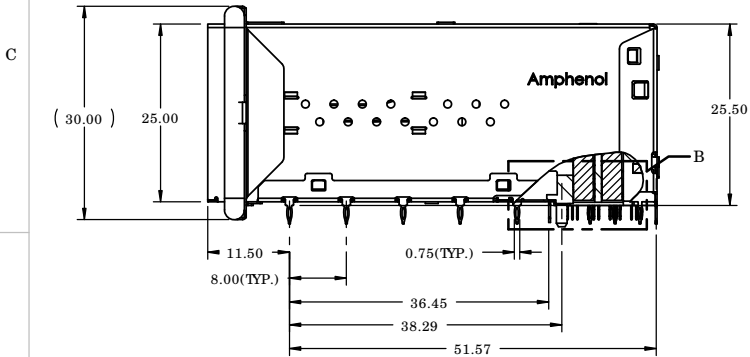
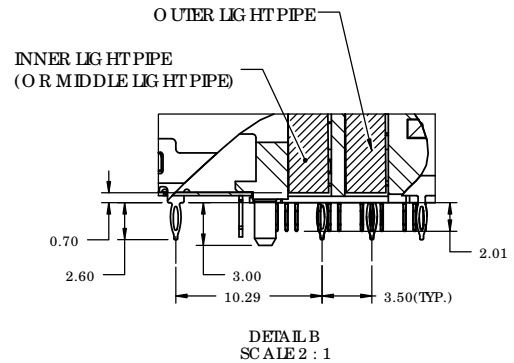
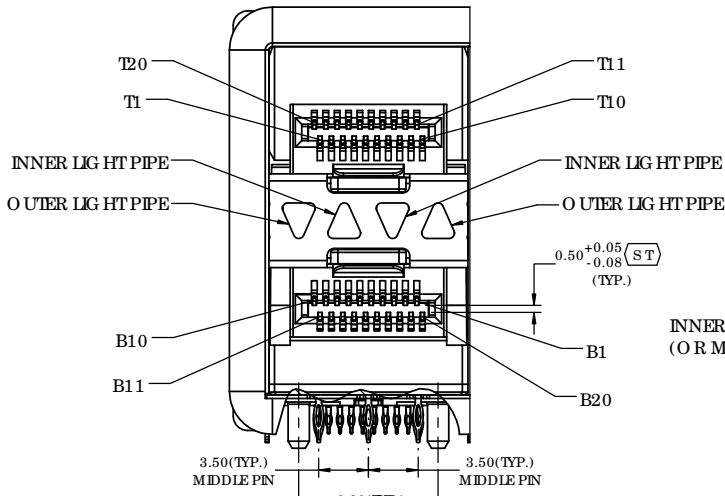
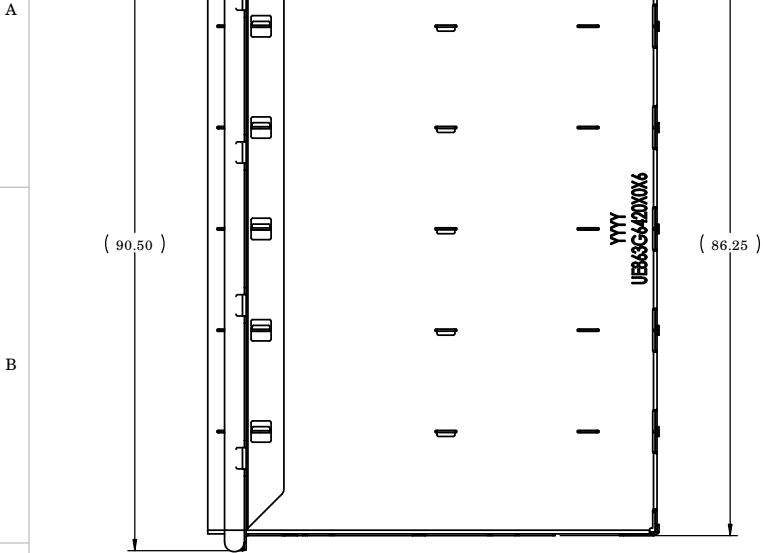


THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	DRAWN	P. OU	FEB10/14	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com  <b>2X6 SFP ULTRA PORT WITH LIGHT PIPE OPTIONS AND EMIGASKET VERSION</b>	DWG. NO. <b>P-UES6-3G 6420-X0X61</b> REV <b>C</b>
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	FEB 12/14		
REFERENCE IN PARENTHESES	M.E. APP'D				
GENERAL TOLERANCES	Q.A. APP'D				
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	FEB 12/14		
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTE			
3 DECIMAL PLACE N/A	REF.	ECN Exxxxx			
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION				
ENG. REL. NO.				DO NOT SCALE DRAWING	CODED NO. 03554 DWG SIZE A4 SCALE 2:3 SHEET 1 OF 5

1 2 3 4 5 6

REVISIONS				
REV.	EC N	DESCRIPTION	DATE	APPROVED
A		INITIAL RELEASE	02/12/2014	J. SI
B		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
C		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	DRAWN	P. OU	FEB10/14
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	FEB 12/14
REFERENCES IN PARENTHESES	M.E. APP'D		
GENERAL TOLERANCES	Q.A. APP'D		
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	FEB 12/14
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES	
3 DECIMAL PLACE N/A	REF.	ECN Exxxxx	
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION		
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 GASKET VERSION**

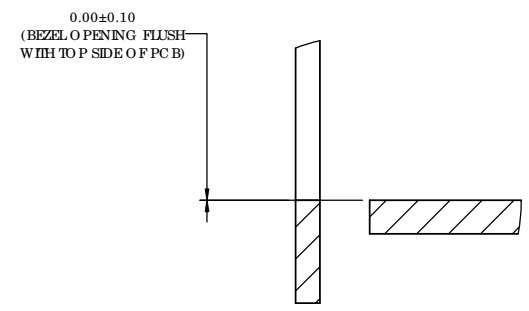
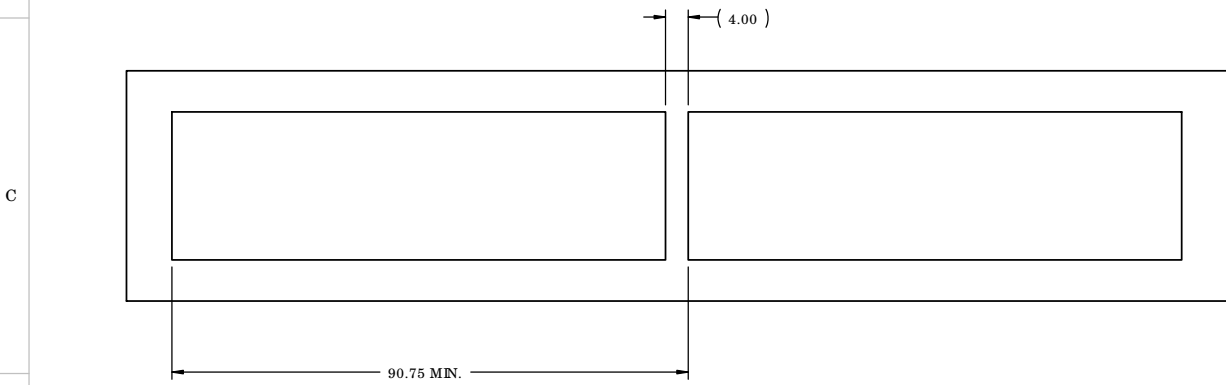
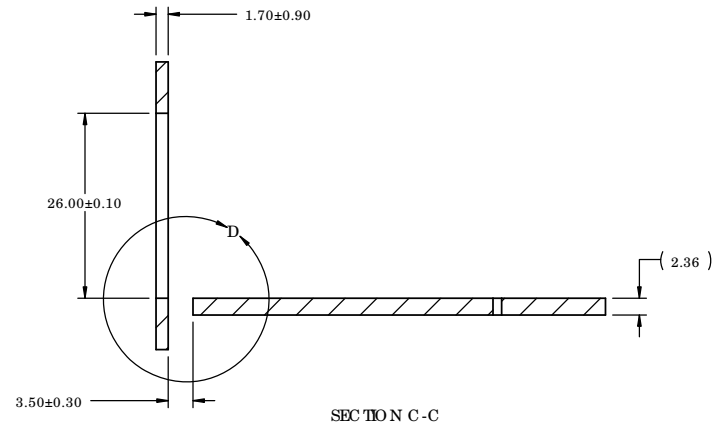
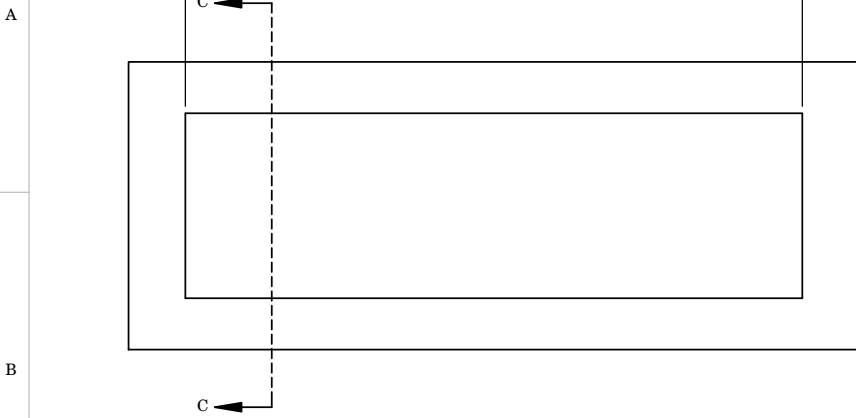
DWG. NO. **P-UE86-3G6420-X0X61** REV **C**

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

1 2 3

1 2 3 4 5 6

REVISIONS				
REV.	EC N	DESC R I P T I O N	DATE	APPRO VED
A		INITIAL RELEASE	02/12/2014	J. SI
B		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
C		UPDATE NOTES	AUG 19/14	J.SI

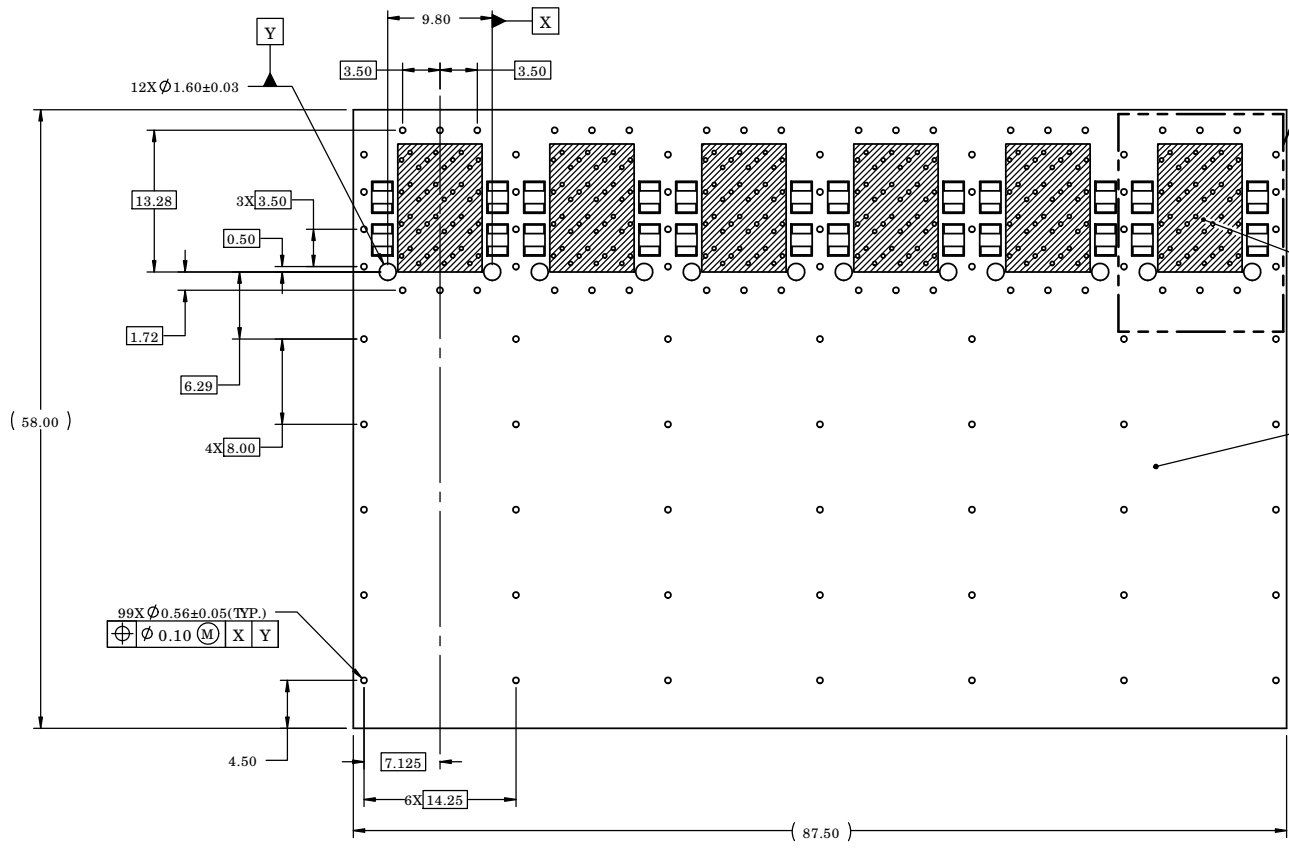


THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	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	FEB 12/14								
REFERENCE IN PARENTHESES	M.E. APP'D										
GENERAL TOLERANCES	Q.A. APP'D										
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	FEB 12/14	<b>2X6 SFP ULTRA PORT WITH LIGHT PIPE          OPTIONS AND EMIGASKET VERSION</b>							
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES									
3 DECIMAL PLACE N/A	REF.	ECN Exxxxx		DWG. NO.	P-UE86-3G 6420-X0X61	REV C					
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	CODED NO.	03554	DWG SIZE	A4	SCALE	1:1	SHEET	3 OF 5
ENG. REL. NO.											

1 2 3

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		INITIAL RELEASE	02/12/2014	J.SI
B		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
C		UPDATE NOTES	AUG 19/14	J.SI



NO TES:  
 1. 0.56 mm DIAMETER HOLES ARE CHASSIS GROUND (99HOLES).

COMPONENT KEEP-OUT AREAS

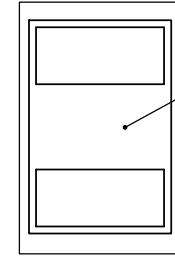
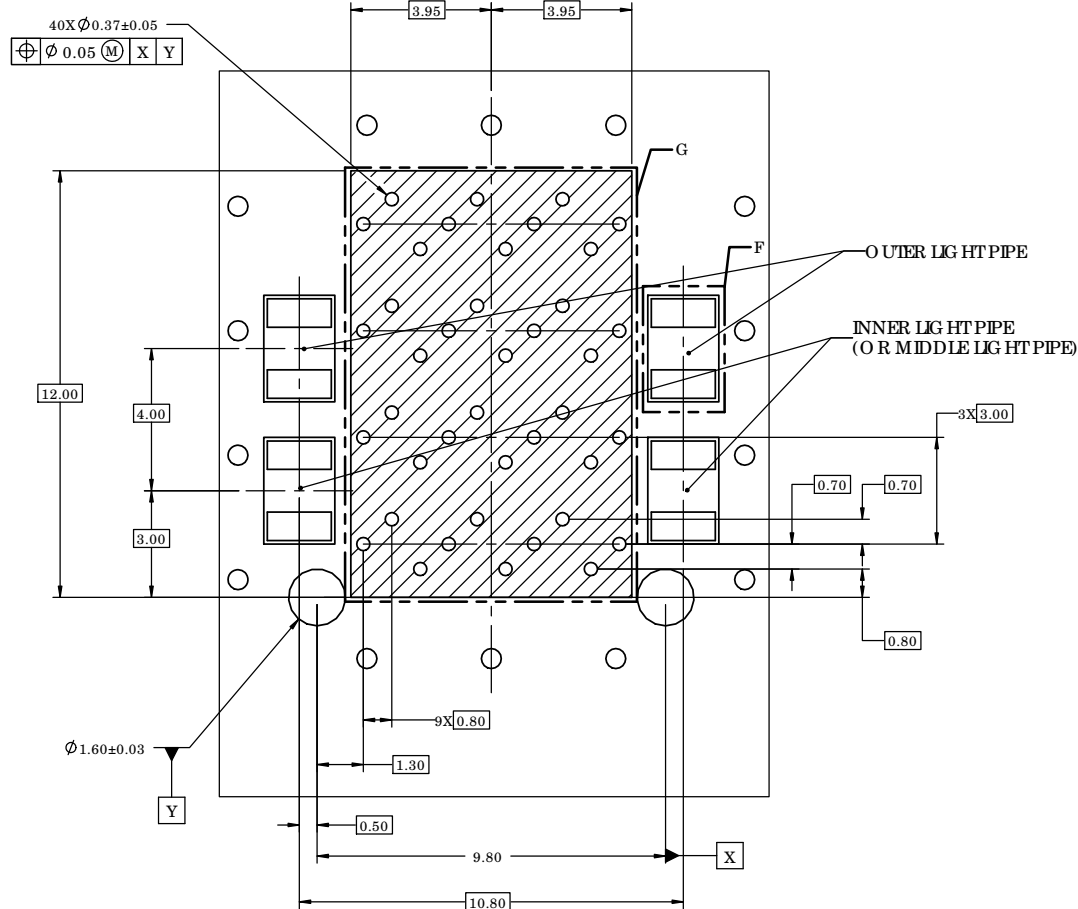
COMPONENT KEEP-OUT AREAS

**2X6 PCB LAYOUT**

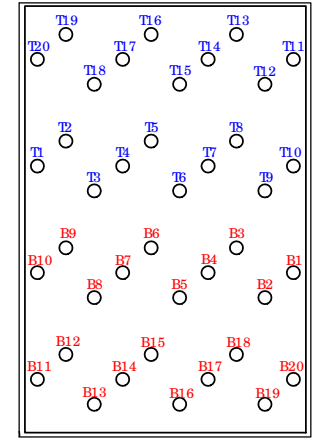
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	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	FEB 12/14	
REFERENCES IN PARENTHESES	M.E. APP'D			
GENERAL TOLERANCES	Q.A. APP'D			<b>2X6 SFP ULTRA PORT WITH LIGHT PIPE OPTIONS AND EMIGASKET VERSION</b>
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	FEB 12/14	
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-UE86-3G 6420-X0X61
ENG. REL. NO.				DO NOT SCALE DRAWING
				CODED NO. 03554 DWG SIZE A4 SCALE 3:2 SHEET 4 OF 5

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		INITIAL RELEASE	02/12/2014	J. SI
B		UPDATE PLATING OPTIONS	JUN 25/14	J.SI
C		UPDATE NOTES	AUG 19/14	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	FEB 12/14
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D		
1 DECIMAL PLACE	±0.25	DWG APP'D	J. SI	FEB 12/14
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.				

<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenolcanada.com				
2X6 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMIGASKET VERSION				
DWG. NO.	P-UE86-3G 6420-X0X61			REV C
CODED NO.	03554	DWG SIZE	A4	SCALE 2:1
		SHEET 5 OF 5		