



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

UE86-3G1620-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

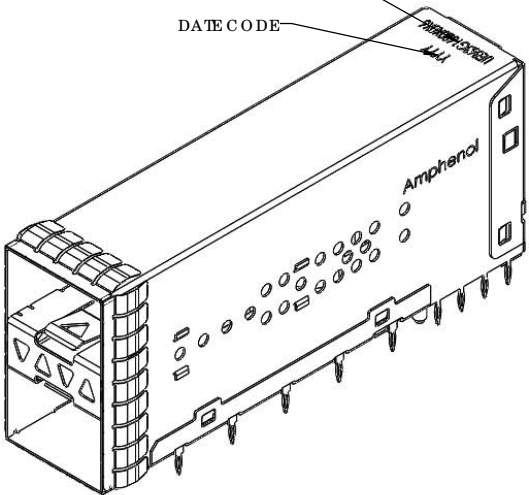
- 1 - TRAY PACKAGING (STACKED)

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

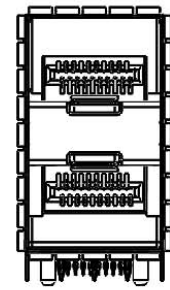


MATERIAL: (ROHS COMPLIANT)

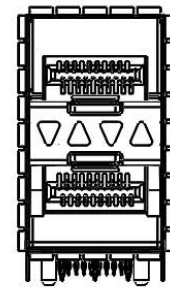
1. CAGE - PRESS FIT: COPPER ALLOY (NICKEL SILVER)
2. CONNECTOR - PRESS FIT:
 - PLASTIC HOUSING: LCP, FLAMMABILITY RATING UL94-V0
 - CONTACTS: PHOSPHOR BRONZE
3. LIGHT PIPE: CLEAR POLYCARBONATE, FLAMMABILITY RATING UL94-V0
4. PACKAGING: TRAY PACKAGING
5. TEMPERATURE RANGE: -40°C TO +85°C



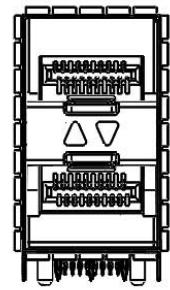
REVISIONS				
REV.	EC N	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 15/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE A2, SHEET 2 OF 4	OCT 28/16	J.SI



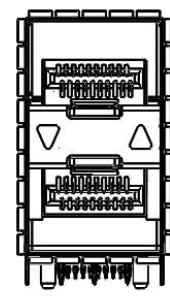
NO LIGHT PIPES
UE86-3G 1620-00X61



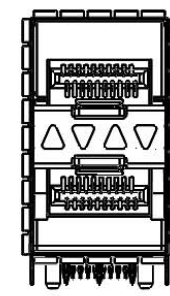
4 LIGHT PIPES
UE86-3G 1620-10X61



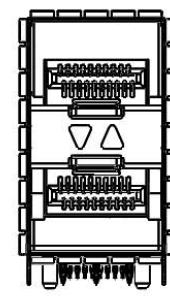
2 INNER LIGHT PIPES
UE86-3G 1620-20X61



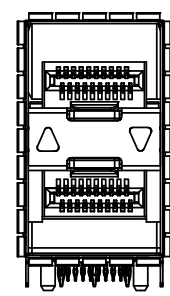
2 OUTER LIGHT PIPES
UE86-3G 1620-30X61



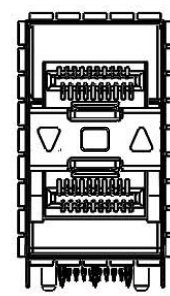
4 LIGHT PIPES UPSIDE DOWN
UE86-3G 1620-40X61



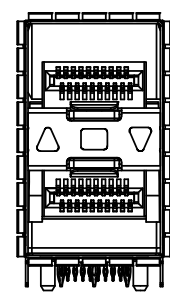
2 INNER LIGHT PIPES UPSIDE DOWN
UE86-3G 1620-50X61



2 OUTER LIGHT PIPES UPSIDE DOWN
UE86-3G 1620-60X61



3 LIGHT PIPES
UE86-3G 1620-70X61

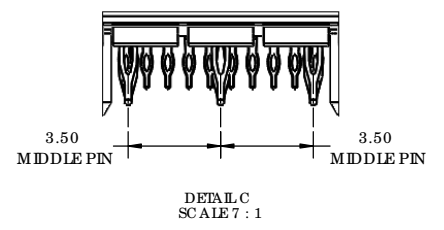
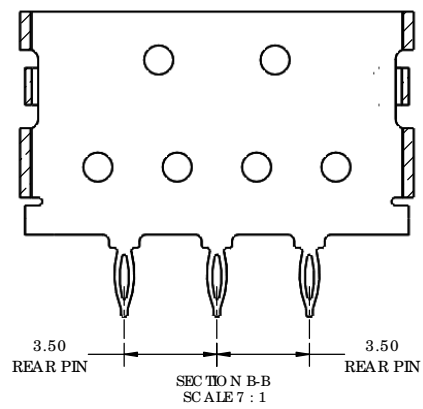
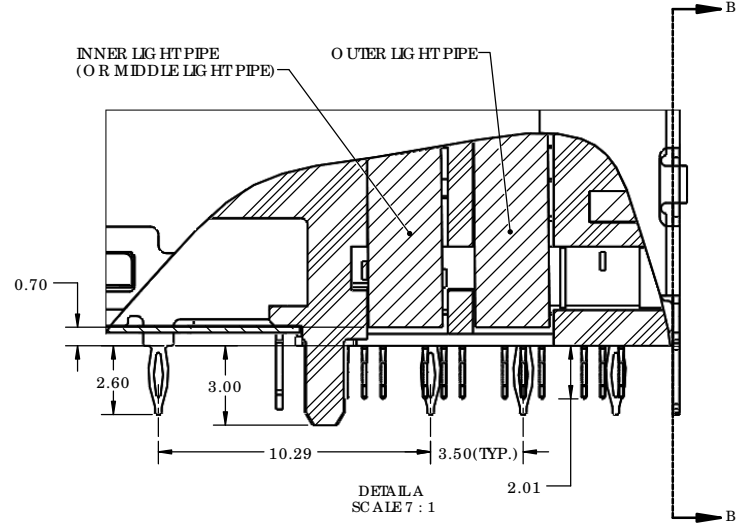
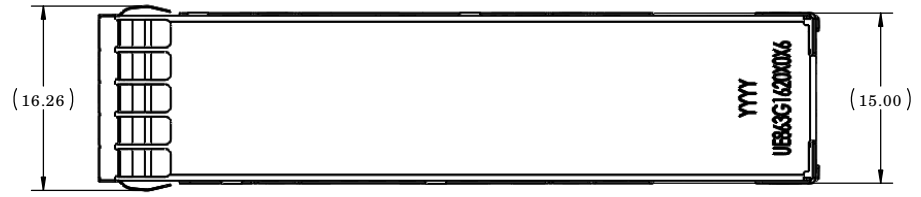
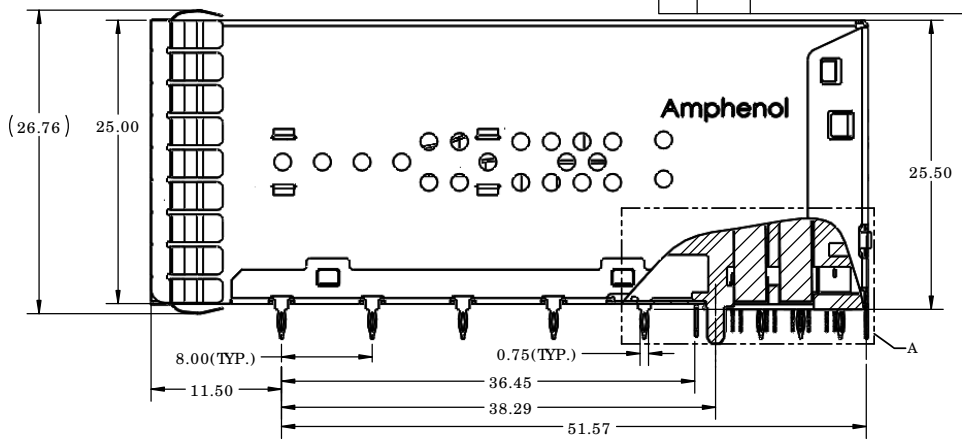
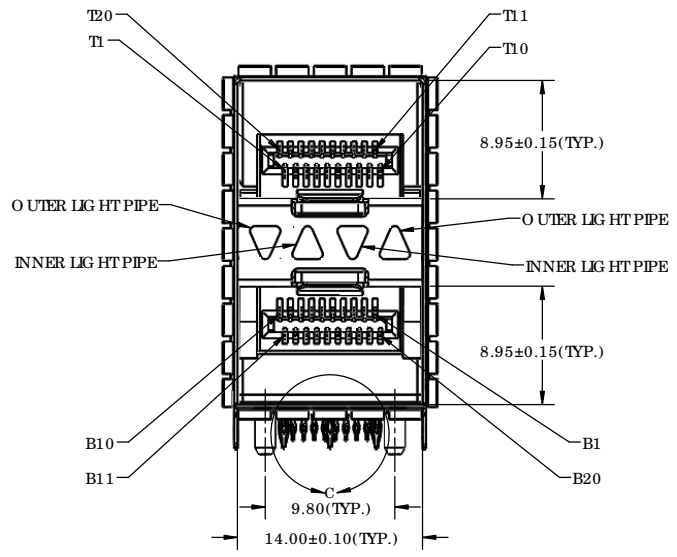


3 LIGHT PIPES UPSIDE DOWN
UE86-3G 1620-80X61

UNLESS SPECIFIED OTHERWISE	DRAWN	P. O U	FEB 06/14	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenolcanada.com
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NO V03/15	
REFERENCE IN PARENTHESES	M.E. APP'D			2X1 SFP ULTRA PORT WITH LIGHT PIPE OPTIONS AND EMI SPRING FINGER
GENERAL TOLERANCES	Q.A. APP'D			
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	NO V03/15	DWG. NO.
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES		
3 DECIMAL PLACE N/A	REF.	EC N Exxxxx		P-UE86-3G 1620-X0X61
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION			
ENG. REL. NO.				REV E

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.

REVISIONS				
REV.	EC N	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 15/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE A2, SHEET 2 OF 4	OCT 28/16	J.SI



UNLESS SPECIFIED OTHERWISE	DRAWN	P. O. U	FEB 06/14
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NOV 03/15
REFERENCE IN PARENTHESES	M.E. APP'D		
GENERAL TOLERANCES	Q.A. APP'D		
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	NOV 03/15
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES	
3 DECIMAL PLACE N/A	REF.	EC N 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

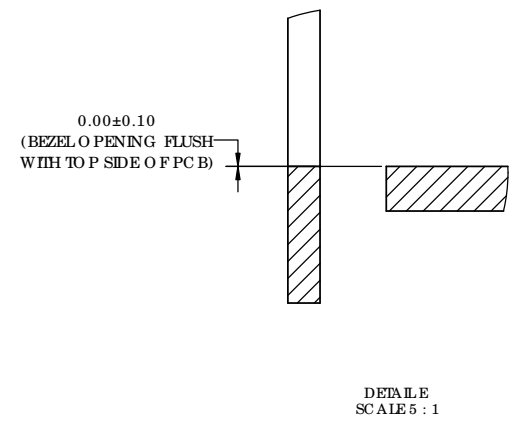
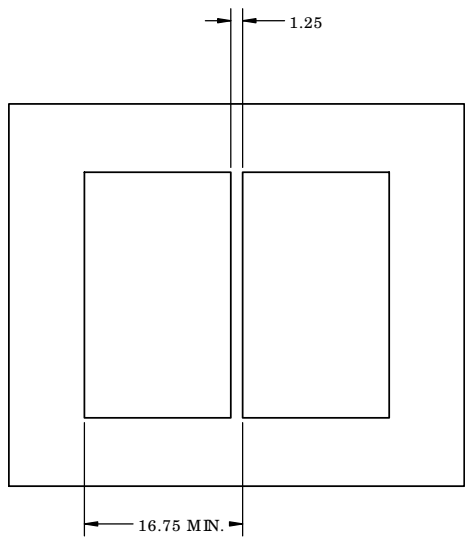
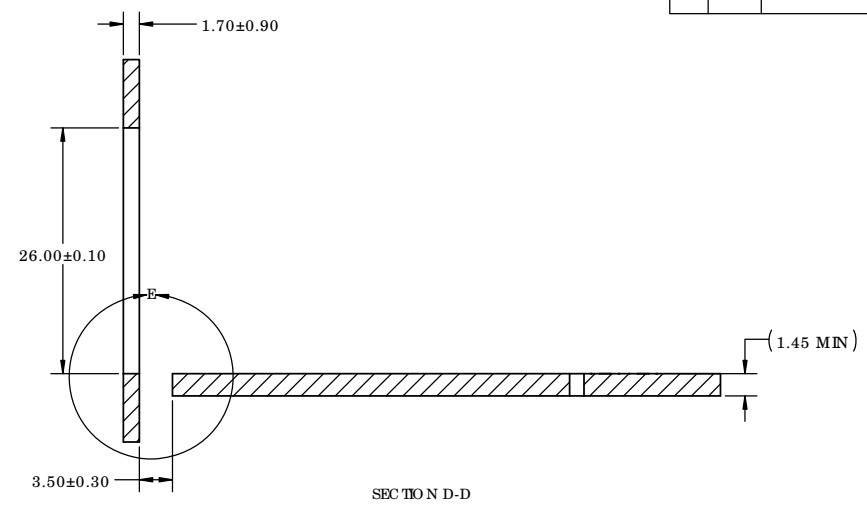
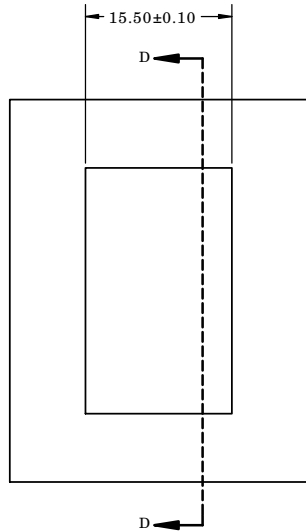
2X1 SFP ULTRA PORT WITH LIGHT PIPE OPTONS AND EMI SPRING FINGER

DWG. NO. **P-UE86-3G 1620-X0X61** REV **E**

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 3:1 | SHEET 2 OF 4

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.

REVISIONS				
REV.	EC N	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 15/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE A2, SHEET 2 OF 4	OCT 28/16	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.

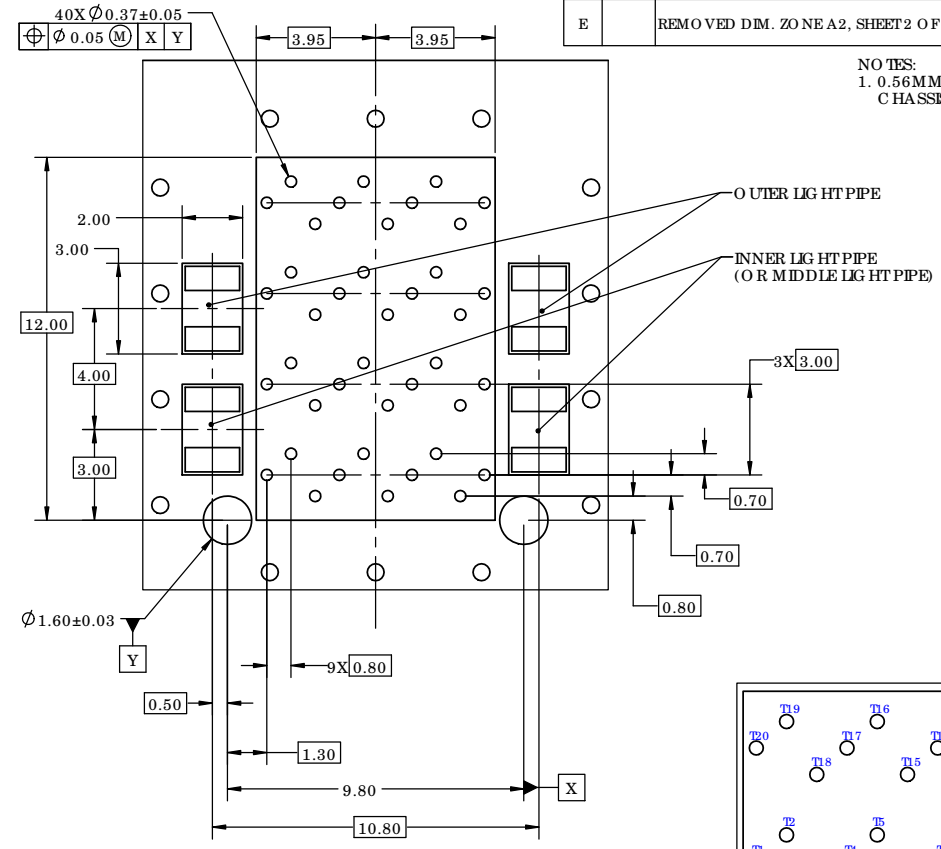
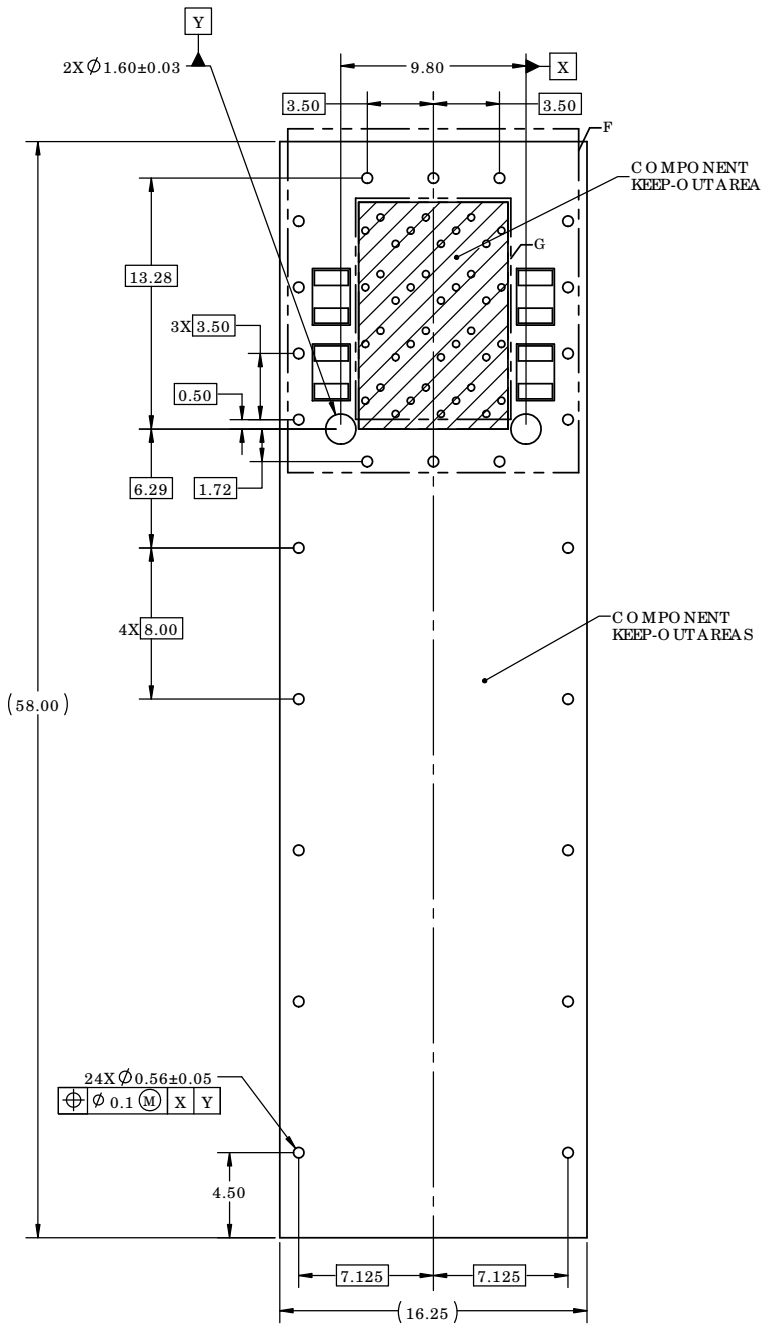
UNLESS SPECIFIED OTHERWISE	DRAWN	P. O U	FEB 06/14
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NOV 03/15
REFERENCE IN PARENTHESES	M.E. APP'D		
GENERAL TOLERANCES	Q.A. APP'D		
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	NOV 03/15
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES	
3 DECIMAL PLACE N/A	REF.	EC N 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

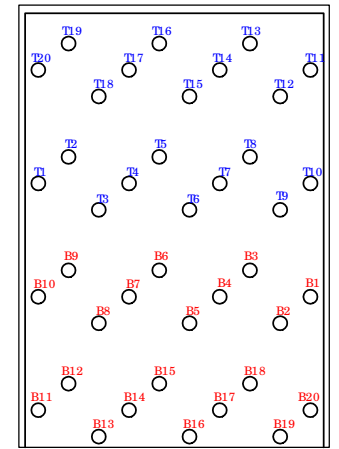
2X1 SFP ULTRA PORT WITH LIGHT PIPE OPTONS AND EMI SPRING FINGER

DWG. NO. **P-UE86-3G 1620-X0X61** REV **E**

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 2.5:1 | SHEET 3 OF 4



DETAIL F
SCALE 8 : 1



DETAIL G
SCALE 10 : 1

2X1 PCB LAYOUT

REVISIONS				
REV.	EC N	DESCRIPTION	DATE	APPROVED
C		UPDATE NOTES	AUG 15/14	J.SI
D		CHANGED PCB THICKNESS	NOV 03/15	J.SI
E		REMOVED DIM. ZONE A2, SHEET 2 OF 4	OCT 28/16	J.SI

NOTES:
1. 0.56MM DIAMETER HOLES ARE CHASSIS GROUND (24 HOLES)

UNLESS SPECIFIED OTHERWISE	DRAWN	P. O U	FEB 06/14
DIMENSIONS ARE IN MILLIMETERS	CHECKED	J. SI	NOV 03/15
REFERENCE IN PARENTHESES	M.E. APP'D		
GENERAL TOLERANCES	Q.A. APP'D		
1 DECIMAL PLACE ±0.25	DWG APP'D	J. SI	NOV 03/15
2 DECIMAL PLACE ±0.15	MATERIAL AND FINISH	SEE NOTES	
3 DECIMAL PLACE N/A	REF.	EC N 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

2X1 SFP ULTRAPORT WITH LIGHT PIPE OPTONS AND EMI SPRING FINGER

DWG. NO. **P-UE86-3G 1620-X0X61** REV **E**

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 2.5:1 | SHEET 4 OF 4

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.