

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M

L

K

J

I

H

G

F

E

D

C

B

A

NOTES:

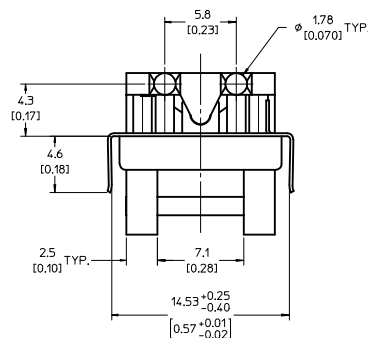
1. THIS LIGHT PIPE ASSEMBLY TO BE USED WITH THE FOLLOWING
1X1 SFP CAGE ASSEMBLIES:

747370002 - 1X1 SFP CAGE ASSEMBLY W/ SPRING FINGER GASKET
(REFER TO DOCUMENT SD-74737-002 FOR DETAILS)

747370004 - 1X1 SFP CAGE ASSEMBLY W/ SPRING FINGER GASKET, BELLY-TO-BELLY
(REFER TO DOCUMENT SD-74737-004 FOR DETAILS)

2. IT IS RECOMMENDED THAT THE CAGE ASSEMBLY BE PRESSED INTO
THE PCB PRIOR TO ASSEMBLING THE LIGHT PIPE ASSEMBLY.

3. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN
ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

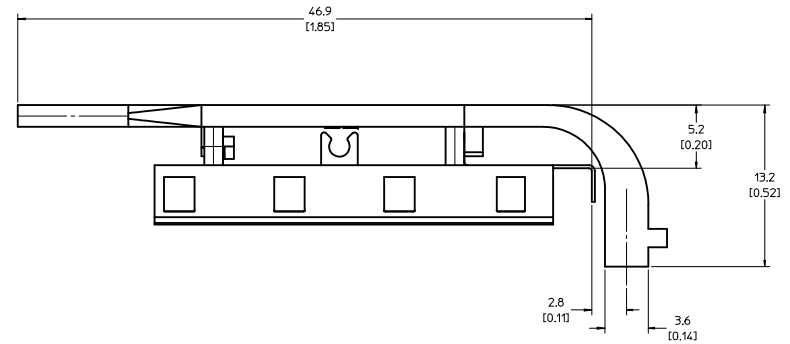


51.5
[2.03]

LIGHT PIPES SECURED
TO METAL COVER

LIGHT PIPES MOLDED
WITH V0 RATED MATERIAL

COVER DESIGNED TO SNAP ON
THE SFP CAGE ASSEMBLY

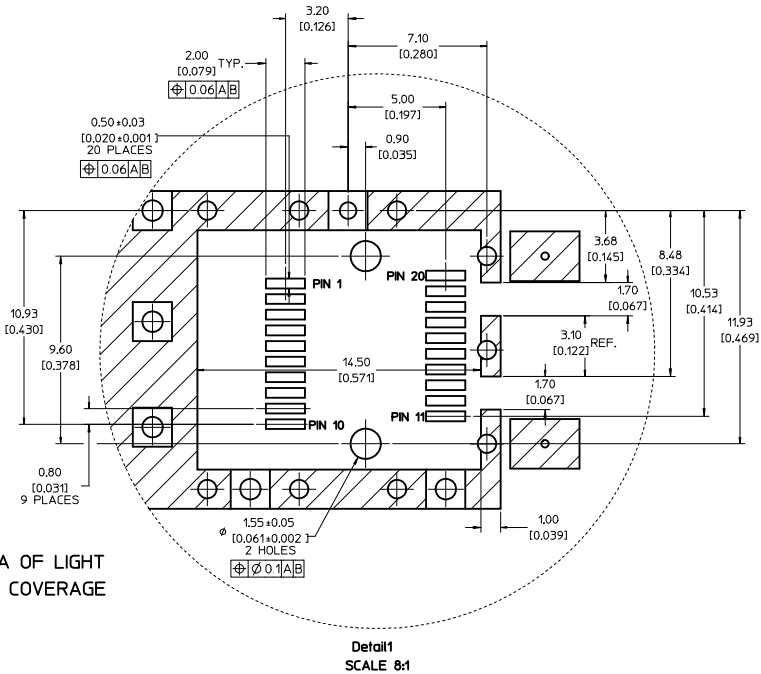
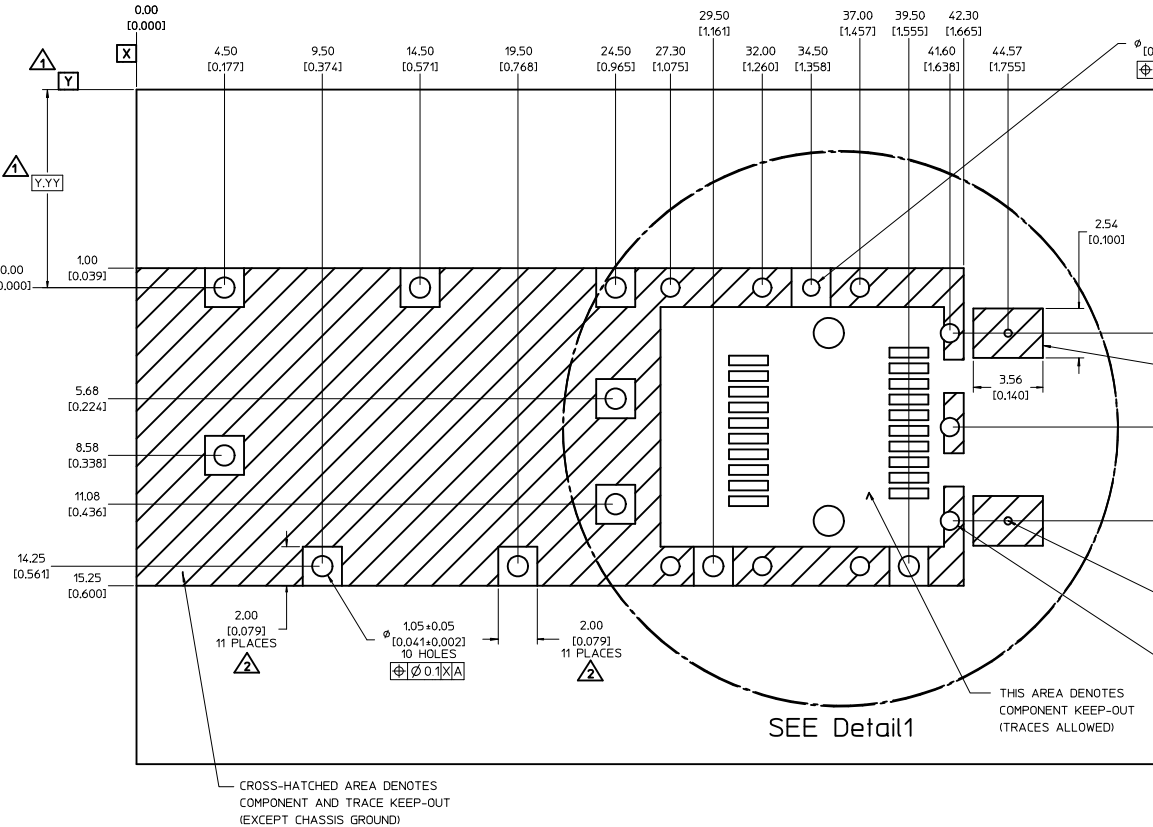


UPDATE TOL ON 14.5			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: USY2010-0587			▽=0					MM/IN		5:1		METRIC		◎	
DRAWN BY: 2010/06/14			▽=0							DRAWN BY				DATE	
CHKD BY: 2004/07/08					4 PLACES			mm		INCH		DRAWN BY		DATE	
APPR: JANOTA 2010/06/16					3 PLACES			±		±		CHECKED BY		DATE	
					2 PLACES			±0.13		±0.005		BRUSSELL		2004/07/08	
					1 PLACE			±0.25		±		APPROVED BY		DATE	
								ANGULAR ± 1 °		BRUSSELL		2004/07/08			
										MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
										747260001		SD-74726-001		1 OF 4	
										SIZE D					

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M L K J I H G F E D C B A

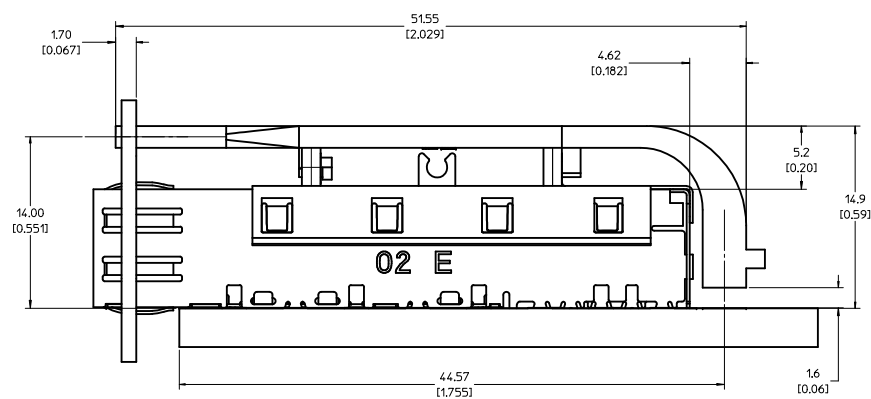
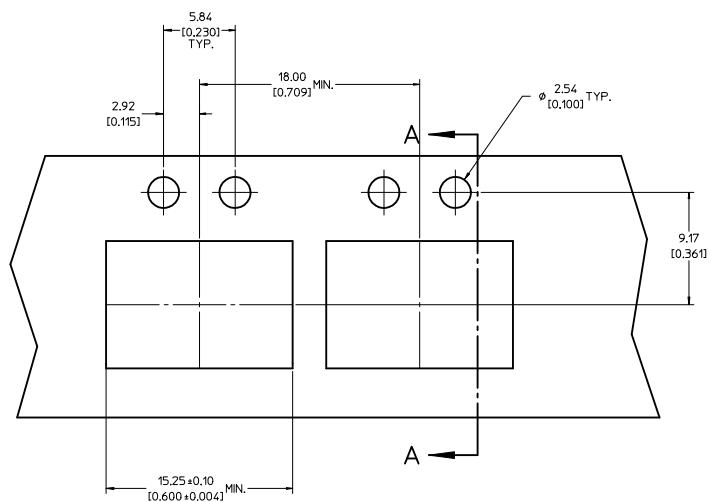
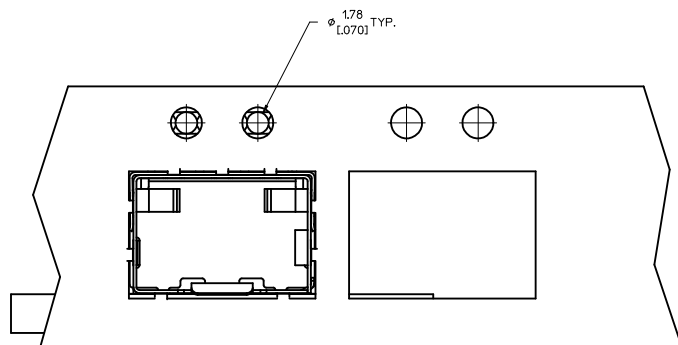


AREA OF LIGHT PIPE COVERAGE

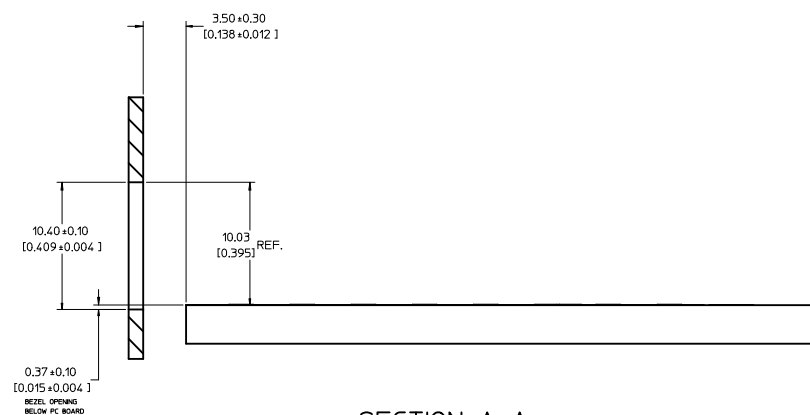
- RECOMMENDED CENTRIX OF THE LAYOUT
1. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 0.561 [14.25]
2. PADS AND VIAS ARE CHASSIS GROUND.
3. HOLE LAYOUT SHOWN IS FOR SINGLE SIDED MOUNTING ONLY. BELLY TO BELLY MOUNTING REQUIRES LAYOUT MIRRORED ON OPPOSITE SIDE OF BOARD. CAGE DESIGN AND TRANSCIEVER PROFILE SHOULD BE CONSIDERED IN DETERMINING MINIMUM BOARD THICKNESS IN BELLY TO BELLY MOUNTING.
4. CONNECTOR PAD LAYOUT PER SFP MSA, WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

- NOTES:
- PADS AND VIAS CONNECT TO CHASSIS GROUND. RECOMMENDED PADS TO BE 2mm SQUARE.
 - PLATING OPTIONAL FOR THROUGH HOLES
 - RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
 - HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 0.561 [14.25]
 - CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
 - LEDS SHOULD BE PLACED RELATIVE TO THE SFP CONNECTOR POST HOLES.
 - DETAILS APPLY TO EACH PORT.

UPDATE TOL ON 14.5 EC NO: USY2010-0587 DRAWN: MCKEVEY 2010/06/14 CHKD: BRUSSELL 2004/07/08 APPR: K JANOTA 2010/06/16 REV DESCRIPTION	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm INCH	DRAWN BY KSI MONSO	DATE 2004/07/08	TITLE 1X1 SFP LIGHT PIPE ASSEMBLY, BACK-TOP	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1 °	CHECKED BY BRUSSELL	DATE 2004/07/08	MOLEX MOLEX INCORPORATED	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY BRUSSELL	DATE 2004/07/08	MATERIAL NO. 747260001	DOCUMENT NO. SD-74726-001
		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				SHEET NO. 2 OF 4		



NOTE: MAX LED HEIGHT OF 1.40/[0.055]



SECTION A-A

UPDATE TOL ON 14.5		QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: USY2010-0587				mm INCH		MM/IN		5:1	METRIC	
DRAWN BY: CHYD BRUSSELL				4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE		
CHECKED BY: CHYD BRUSSELL				3 PLACES ± ---	± .005	CHECKED BY	DATE	1X1 SFP LIGHT PIPE ASSEMBLY, BACK-TOP		
APPROVED BY: JANDIA				2 PLACES ± 0.13	± .01	BRUSSELL	2004/07/08			
2010/06/14				1 PLACE ± 0.25	± ---	APPROVED BY	DATE			
2004/07/08		ANGULAR ± 1 °		BRUSSELL	2004/07/08	MOLEX MOLEX INCORPORATED				
2010/06/16		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				747260001		SD-74726-001		3 OF 4		
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				D						

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M

L

K

J

I

H

G

F

E

D

C

B

A

Id: Frame_D_P_AM_T
Rev: D 2004/06/28

DATE	REV	CHANGES	COMMENTS
2004/03/05	1	PRELIMINARY DOCUMENT	N/A
2004/07/08	A	INITIAL RELEASE	N/A
2005/01/17	B	UPDATED VIEWS	DOCUMENT CHANGE ONLY
2005/06/03	C	CORRECTED P/N FOR DIALIGHT LED	DOCUMENT CHANGE ONLY
2005/07/11	D	UPDATED VIEWS	DOCUMENT CHANGE ONLY
2005/07/25	E	ADDED DIMENSIONS PER CUSTOMER REQUEST	DOCUMENT CHANGE ONLY
2010/06/14	F	RELEASED FOR HISTORY ONLY	N/A
2010/06/14	G	UPDATED NOTES AND TOLERANCE ON 14.5MM DIM	DOCUMENT CHANGE ONLY

UPDATE TOL ON 14.5 EC NO. USY2010-0587 G DRAWN: MCKERVEY 2010/06/14 CHKD: BRUSSELL 2004/07/08 APPR: K JANOTA 2010/06/16	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
				MM/IN		1:1	METRIC	
				DRAWN BY DATE		TITLE		
		4 PLACES ±.--- ±.---		KJ1MONSO 2004/07/08		1X1 SFP LIGHT PIPE ASSEMBLY, BACK-TOP		
		3 PLACES ±.--- ±.005		CHECKED BY DATE				
		2 PLACES ±0.13 ±.01		BRUSSELL 2004/07/08				
		1 PLACE ±0.25 ±.---		APPROVED BY DATE				
				BRUSSELL 2004/07/08				
		ANGULAR ± 1 °						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		
REV		747260001		SD-74726-001		4 OF 4		
SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1