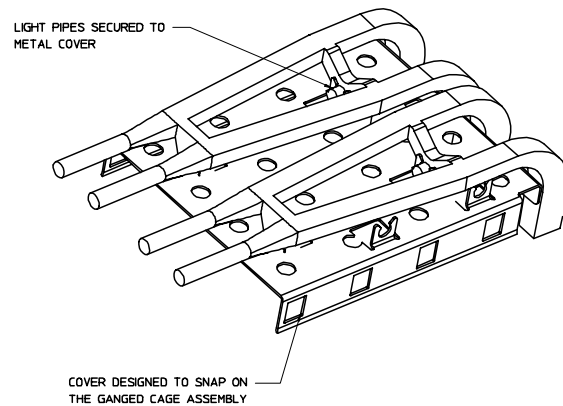
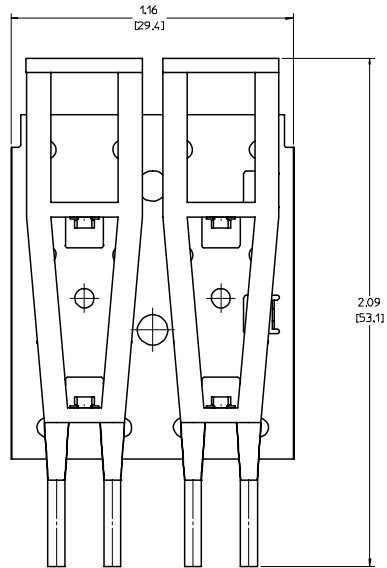


NOTES:

1. THIS LIGHT PIPE ASSEMBLY TO BE USED WITH THE FOLLOWING
1X2 GANGED CAGE ASSEMBLIES:

747220001 - 1X2 GANGED CAGE ASSEMBLY W/ PRESS FIT LEGS
(REFER TO DOCUMENT SD-74722-001 FOR CAGE DETAILS)

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

3. LED'S TO HAVE A MAXIMUM HEIGHT OF 1.4mm AND A MINIMUM HEIGHT 0.7mm.

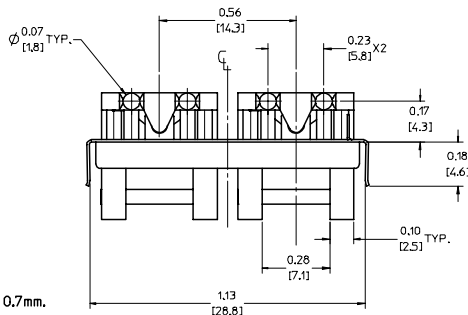
4. RECOMMENDED LED'S INCLUDE THE FOLLOWING MANUFACTURES:

DIALIGHT: 597-77x1-5xx SERIES
CHICAGO MINIATURE: 7016 SERIES
KINGBRIGHT: APBL3025 SERIES (BICOLOR)
APL3015 SERIES (SINGLE COLOR)

5. MATERIAL:

SHEET METAL COVER: COPPER ALLOY
LIGHT PIPE: UL94-V2 RATED PLASTIC

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



ENTER DESCRIPTION EC NO: UST2008-0195 DRAWN BY: D CHKD BY: R APPROVED BY: R DATE: 2007/10/22 DATE: 2007/11/01 DATE: 2007/11/01	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY KS IMONSO	DATE 2004/07/08	TITLE 1X2 SFP LIGHT PIPE ASSEMBLY, BACK-TOP	MOLEX INCORPORATED			
		4 PLACES ± .005	± .005	CHECKED BY BRUSSELL	DATE 2004/07/08					
		3 PLACES ± .005	± .005	APPROVED BY BRUSSELL	DATE 2004/07/08					
		2 PLACES ± 0.13	± .01	MATERIAL NO. 747270001					DOCUMENT NO. SD-74727-001	SHEET NO. 1 OF 5
		1 PLACE ± 0.25	± .005	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
ANGULAR ± 1 °		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

SEE NOTE 3

SEE Detail

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

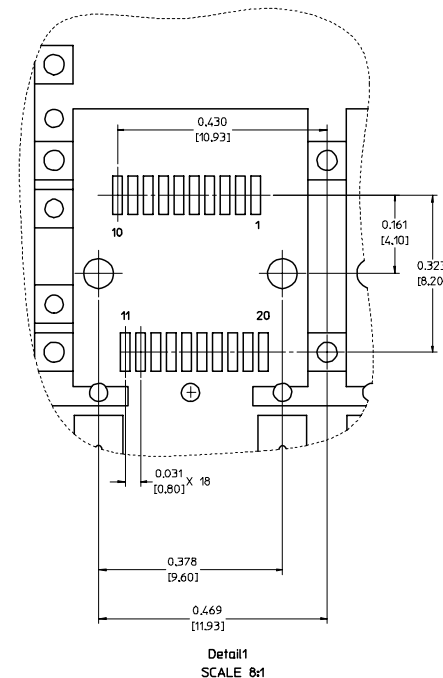
AREA OF LIGHT
PIPE COVERAGE

RECOMMENDED CENTRIX
OF LED

NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND.
2. CAGE MOUNTING THRU HOLES (34 PLACES) TO BE PLATED.
3. HOLE PATTERN REPEATS FOR EACH PORT,
SPACING BETWEEN PORTS IS .561 [14.25].

HOST CONNECTOR DETAIL



ENTER DESCRIPTION EC NO: UST2008-0095 DRAWN BY: DRWINCHIRSHY CHKD BY: CHKDRHAKMOOD APPR: DRWINCHIRSHY DATE: 2007/10/22 2007/11/01 2007/11/01		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 6:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		TITLE 1X2 SFP LIGHT PIPE ASSEMBLY, BACK-TOP	
DESCRIPTION				mm INCH		DRAWN BY DATE		TITLE							
4 PLACES ± .005		▽=0		± .005 ± .005		KS IMONSO 2004/07/08									
3 PLACES ± .01		▽=0		± .01 ± .01		CHECKED BY DATE									
2 PLACES ± 0.13		▽=0		± .01 ± .01		BRUSSELL 2004/07/08									
1 PLACE ± 0.25		▽=0		± .01 ± .01		APPROVED BY DATE									
ANGULAR ± 1°		▽=0		± .01 ± .01		BRUSSELL 2004/07/08				molex		MOLEX INCORPORATED			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		NEW				MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
						747270001		SD-74727-001		2 OF 5					
SIZE D						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

PCB LAYOUT
FOR SINGLE SIDE MOUNTING

CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

SEE NOTE 3

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

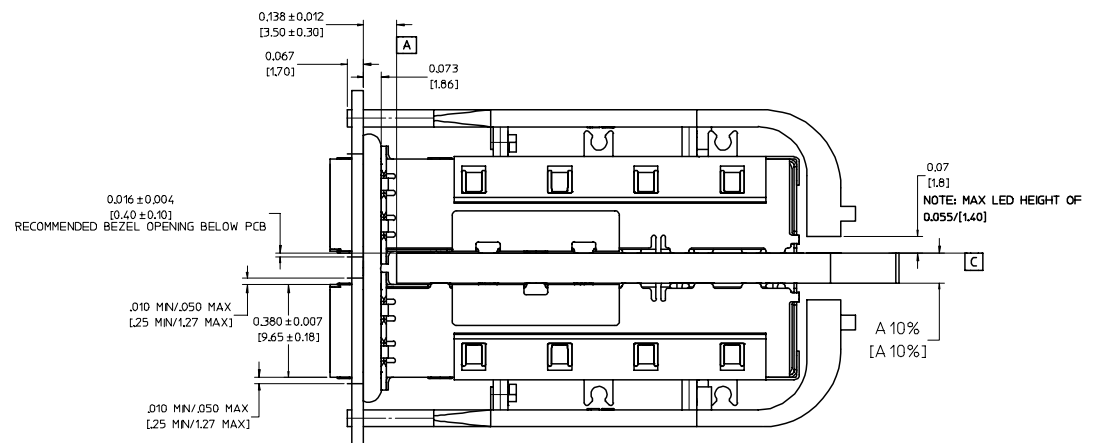
AREA OF LIGHT
PIPE COVERAGE

RECOMMENDED CENTRIX
OF LED

TOP LEFT HOLE
OF ADJACENT CAGE

- NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND.
 2. CAGE MOUNTING THRU HOLES (19 PLACES) TO BE PLATED.
 3. HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS .561 [14.25].

ENTER DESCRIPTION EC NO. UST2008-0095 DRAWN/KY/RSBY 2007/10/22 CHKD/RYKORAH/ROOD 2007/11/01 APPR/RYKORAH/ROOD 2007/11/01 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 1X2 SFP LIGHT PIPE ASSEMBLY, BACK-TOP		
		mm	INCH	DRAWN BY	DATE	KS IMONSO 2004/07/08	BRUSSELL 2004/07/08				
		4 PLACES ± .005	± .005	CHECKED BY	DATE						
		3 PLACES ± .013	± .01	APPROVED BY	DATE						
		1 PLACE ± .025	± .01	APPROVED BY	DATE	MOLEX INCORPORATED					
		ANGULAR ± 1°		MATERIAL NO. 747270001						DOCUMENT NO. SD-74727-001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



tb_fron D_P AM T
Rev. D 2004/06/28

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19181716151413121110987654321

ENTER DESCRIPTION
EC NO: UST2008-0195
DRAWN BY: 2007/10/22
CHKD BY: 2007/11/01
APPR BY: 2007/11/01

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mmINCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .005
2 PLACES ± 0.13 ± .01
1 PLACE ± 0.25 ± ---
ANGULAR ± 1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY: 2004/07/08
KS IMONSO
CHECKED BY: 2004/07/08
BRUSSELL
APPROVED BY: 2004/07/08
BRUSSELL

MATERIAL NO.
747270001

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
1X2 SFP LIGHT PIPE
ASSEMBLY, BACK-TOP

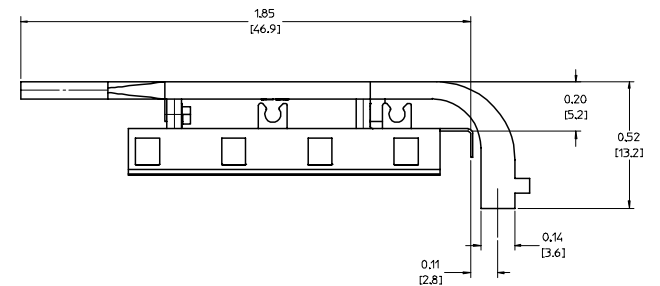
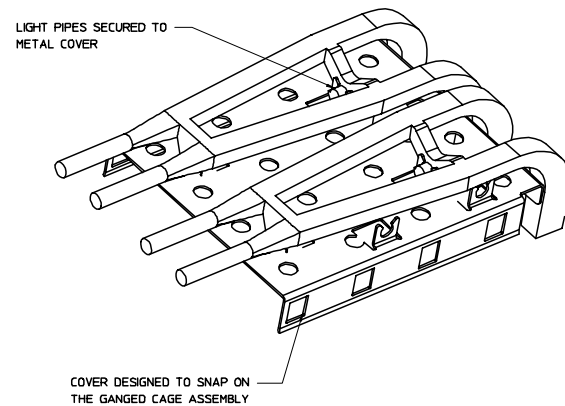
MOLEX
MOLEX INCORPORATED

DOCUMENT NO.
SD-74727-001

SHEET NO.
5 OF 5

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DATE	REV	CHANGES	COMMENTS
2003/12/09	1	PRELIMINARY DOCUMENT	N/A
2004/07/08	A	INITIAL RELEASE	N/A
2005/06/03	B	CORRECTED P/N FOR DIALIGHT LED. UPDATED DIMENSIONS.	DOCUMENT CHANGE ONLY
2005/06/10	C	UPDATED VIEWS TO SHOW CLEARANCE HOLES ADDED TO THE COVER.	N/A
2007/10/22	D	ADDED COMPONENT MATERIAL INFORMATION TO NOTES SECTION OF SHEET 1	DOCUMENT CHANGE ONLY



ENTER DESCRIPTION EC NO. US72008-095 DRAWING REVISION CHG-CHAWANOD 2007/11/01 APPROVAL/NO 2007/11/01		QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY XSIMONSO	DATE 2004/07/08	TITLE 1X2 SFP LIGHT PIPE ASSEMBLY, BACK-TOP		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			4 PLACES ± --- ± ---		CHECKED BY BRUSSELL		DATE 2004/07/08		MOLEX INCORPORATED
			3 PLACES ± --- ± .005		DATE		DOCUMENT NO. SD-74727-001		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			2 PLACES ± 0.13 ± .01		APPROVED BY BRUSSELL			DATE 2004/07/08	
			1 PLACE ± 0.25 ± ---		DATE				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

SEE NOTE 3

SEE Detail

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

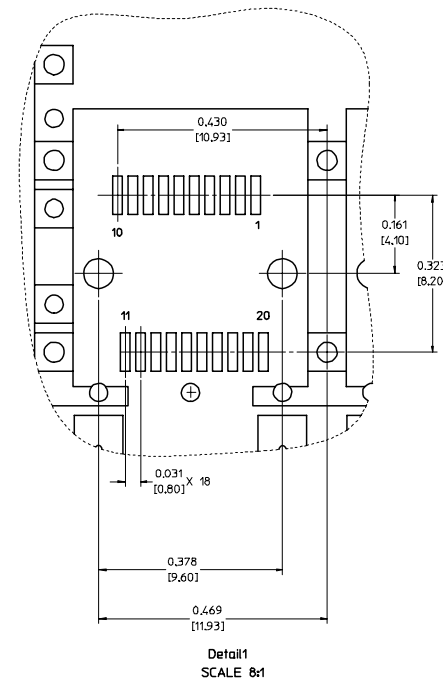
AREA OF LIGHT
PIPE COVERAGE

RECOMMENDED CENTRIX
OF LED

NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND.
2. CAGE MOUNTING THRU HOLES (34 PLACES) TO BE PLATED.
3. HOLE PATTERN REPEATS FOR EACH PORT,
SPACING BETWEEN PORTS IS .561 [14.25].

HOST CONNECTOR DETAIL



ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UST2008-0095		DRAWN BY: 2007/10/22		mm		IN/MM		6:1		METRIC		THIRD ANGLE PROJECTION	
DRWN: HRSY		CHECKED BY: 2007/11/01		4 PLACES ± --- ± ---		DRAWN BY: KS IMONSO		DATE: 2004/07/08		TITLE: 1X2 SFP LIGHT PIPE ASSEMBLY, BACK-TOP		THIRD ANGLE PROJECTION	
CHKD: RAHMOOD		APPROVED BY: 2007/11/01		3 PLACES ± --- ± .005		CHECKED BY: BRUSSELL		DATE: 2004/07/08		MATERIAL NO: 747270001		DOCUMENT NO: SD-74727-001	
APPR: RAHMOOD		DESCRIPTION		2 PLACES ± 0.13 ± .01		APPROVED BY: BRUSSELL		DATE: 2004/07/08		SHEET NO: 2 OF 5		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
				1 PLACE ± 0.25 ± ---									
				ANGULAR ± 1 °									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

PCB LAYOUT
FOR SINGLE SIDE MOUNTING

CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

SEE NOTE 3

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

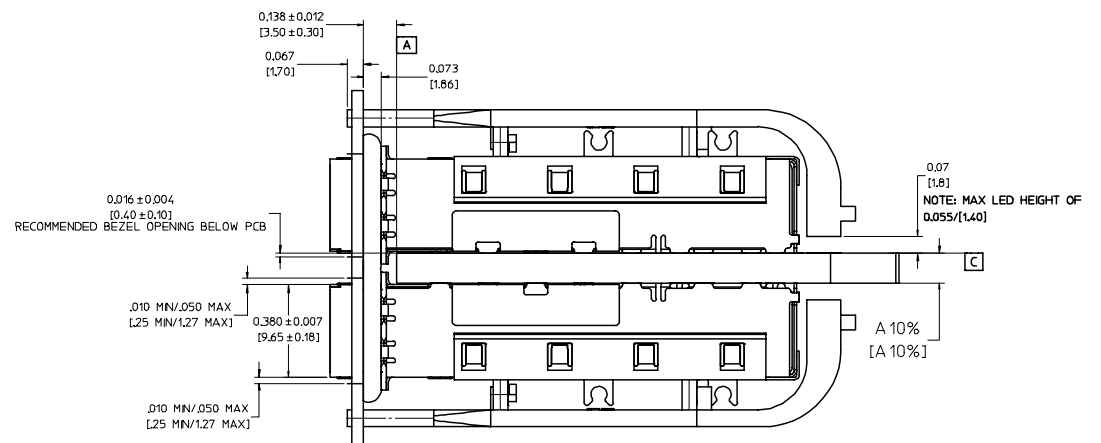
AREA OF LIGHT
PIPE COVERAGE

RECOMMENDED CENTRIX
OF LED

TOP LEFT HOLE
OF ADJACENT CAGE

- NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND.
 2. CAGE MOUNTING THRU HOLES (19 PLACES) TO BE PLATED.
 3. HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS .561 [14.25].

ENTER DESCRIPTION EC NO: UST2008-0095 DRAWN BY: DRWINCH/RSBY CHKD BY: RANWOOD APPROVED BY: RANWOOD REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 1X2 SFP LIGHT PIPE ASSEMBLY, BACK-TOP		
		mm	INCH	DRAWN BY	DATE	KS IMONSO 2004/07/08	BRUSSELL 2004/07/08				
		4 PLACES ± .005	± .005	CHECKED BY	DATE						
		3 PLACES ± .013	± .01	APPROVED BY	DATE						
		1 PLACE ± .025		APPROVED BY		DATE					
		ANGULAR ± 1 °		BRUSSELL		2004/07/08					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. 747270001		DOCUMENT NO. SD-74727-001		SHEET NO. 3 OF 5			
SIZE D				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



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Rev. D 2004/06/28

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19181716151413121110987654321

ENTER DESCRIPTION
EC NO: UST2008-0195
DRAWN BY: 2007/10/22
CHKD BY: 2007/11/01
APPR BY: 2007/11/01

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mmINCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .005
2 PLACES ± 0.13 ± .01
1 PLACE ± 0.25 ± ---
ANGULAR ± 1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY: 2004/07/08
CHECKED BY: 2004/07/08
APPROVED BY: 2004/07/08

MATERIAL NO.
747270001

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
1X2 SFP LIGHT PIPE
ASSEMBLY, BACK-TOP

MOLEX
MOLEX INCORPORATED

DOCUMENT NO.
SD-74727-001

SHEET NO.
5 OF 5

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DATE	REV	CHANGES	COMMENTS
2003/12/09	1	PRELIMINARY DOCUMENT	N/A
2004/07/08	A	INITIAL RELEASE	N/A
2005/06/03	B	CORRECTED P/N FOR DIALIGHT LED. UPDATED DIMENSIONS.	DOCUMENT CHANGE ONLY
2005/06/10	C	UPDATED VIEWS TO SHOW CLEARANCE HOLES ADDED TO THE COVER.	N/A
2007/10/22	D	ADDED COMPONENT MATERIAL INFORMATION TO NOTES SECTION OF SHEET 1	DOCUMENT CHANGE ONLY