



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!



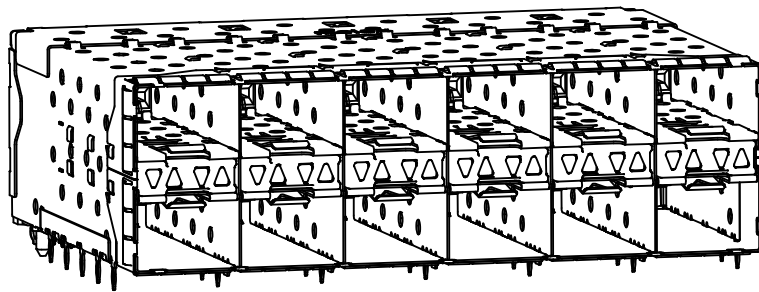
Contact us

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

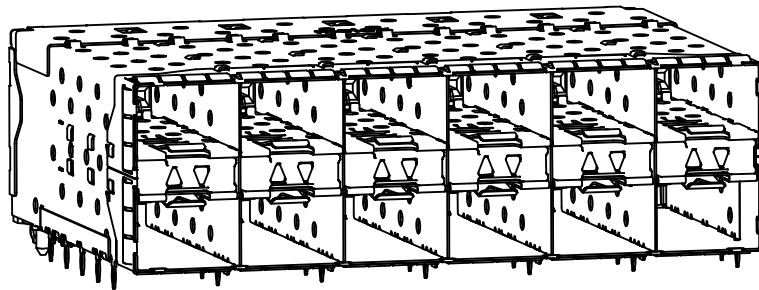
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

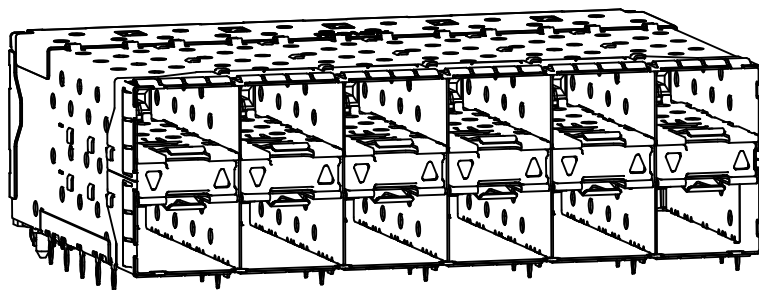




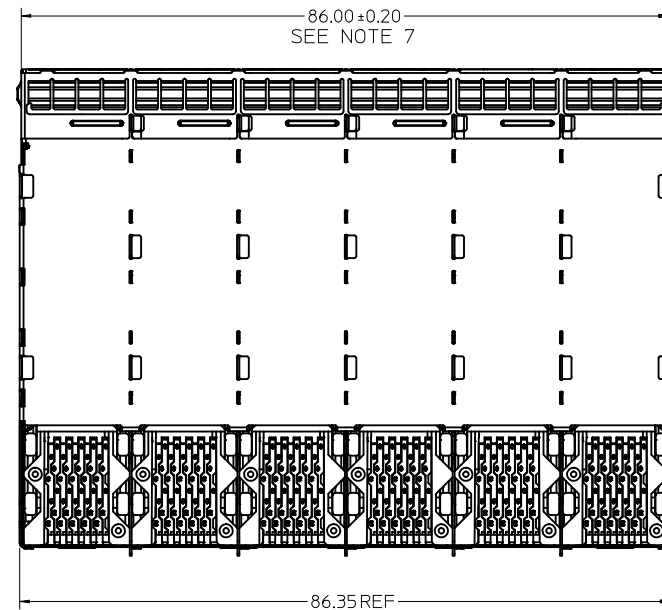
76048-7001
WITH INNER AND OUTER LIGHTPIPER



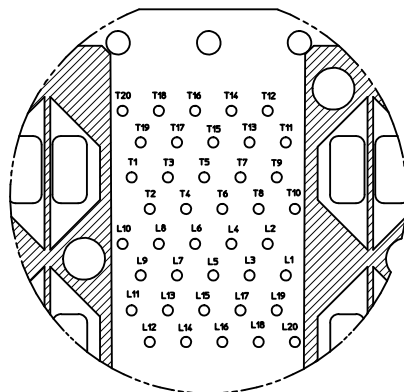
76048-7002
WITH INNER LIGHTPIPER



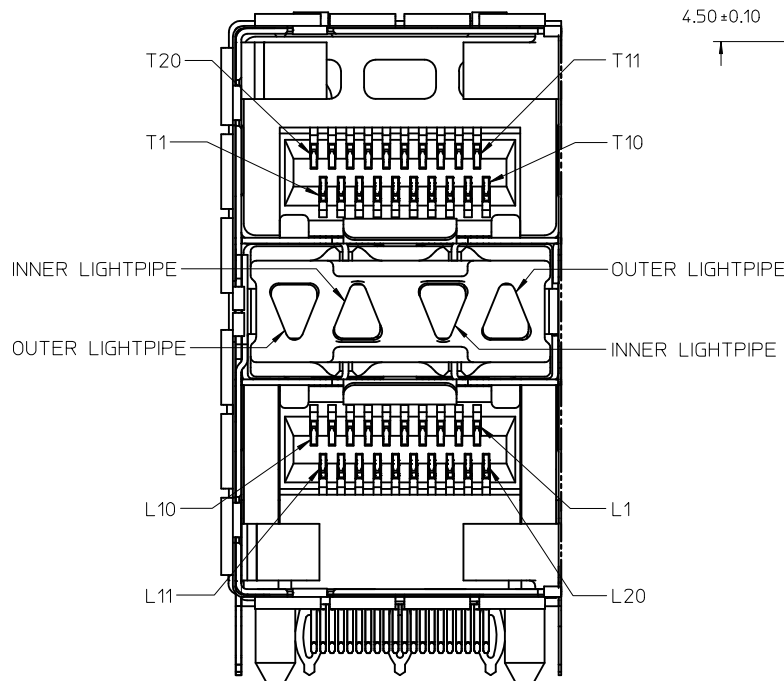
WITH OUTER LIGHTPIPER



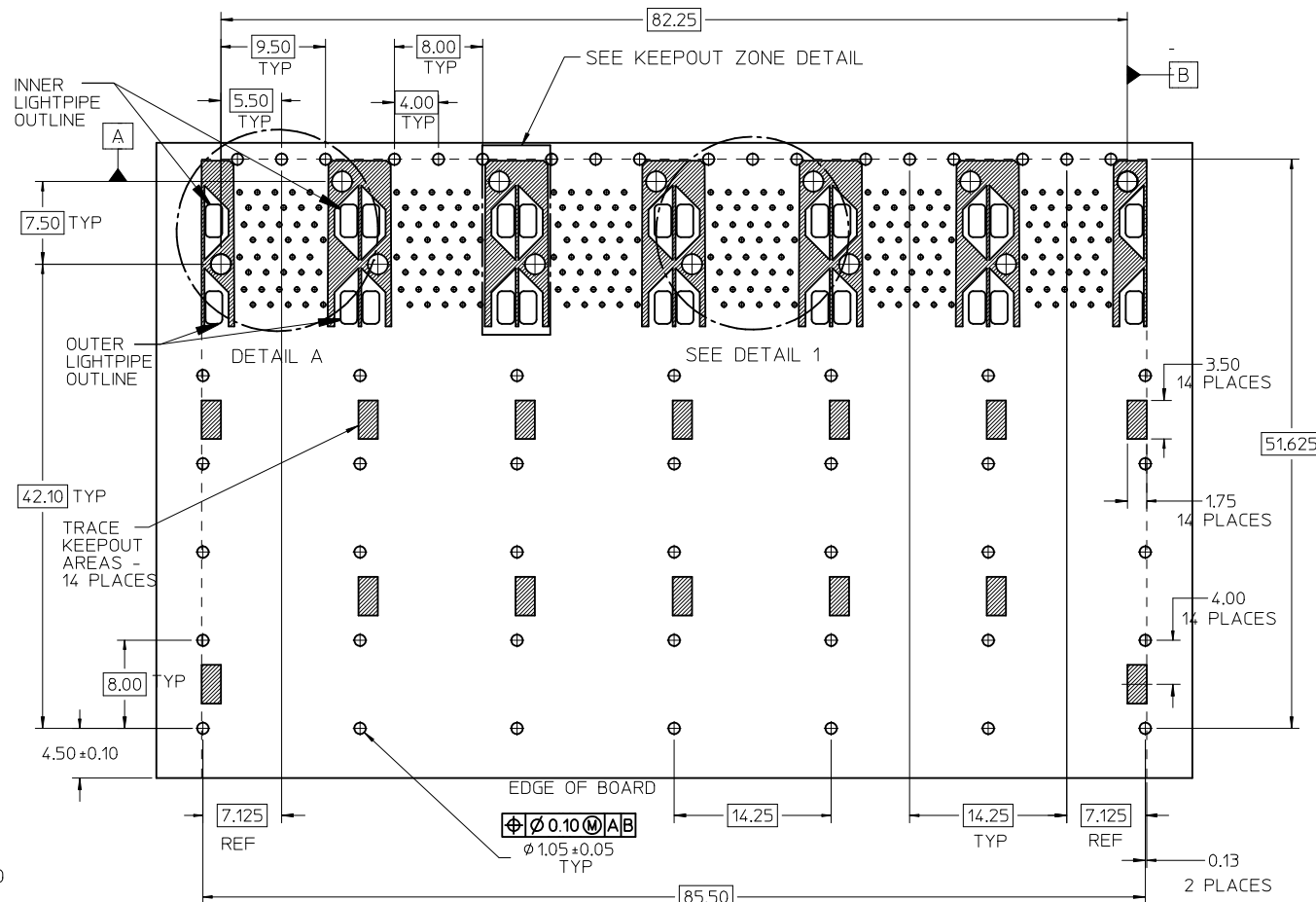
SEE SHEET 1 EC NO: UCP2012-2301 DRAWN: BBARKER CHKD: APPR: SMILLER REV: B	DESCRIPTION 2012/01/24 2012/02/01	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY BBARKER	DATE 2011/09/21	TITLE STACKED SFP+ 2X6 ASSY W/ METAL EMI GASKET AND LIGHTPIPES, ENHANCED EMI	
			4 PLACES ± ---	± ---	CHECKED BY	DATE			
			3 PLACES ± ---	± ---	APPROVED BY	DATE	molex MOLEX INCORPORATED		
			2 PLACES ± 0.13	± ---	SMILLER	2011/10/10			
1 PLACE ± 0.25	± ---	ANGULAR ± 5 °		MATERIAL NO.	DOCUMENT NO.	SHEET NO. 2 OF 5			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-76048-0002				
SIZE C			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



DETAIL 1
SCALE 6:1



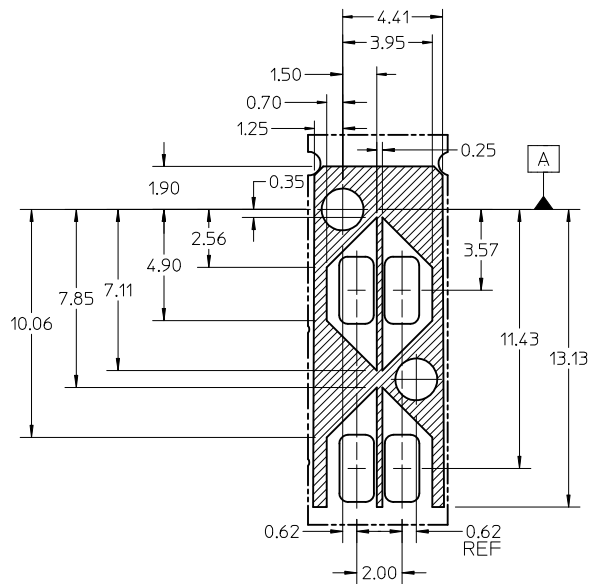
DETAIL 3
SCALE 6:1



RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.63 MM (.093 INCH)

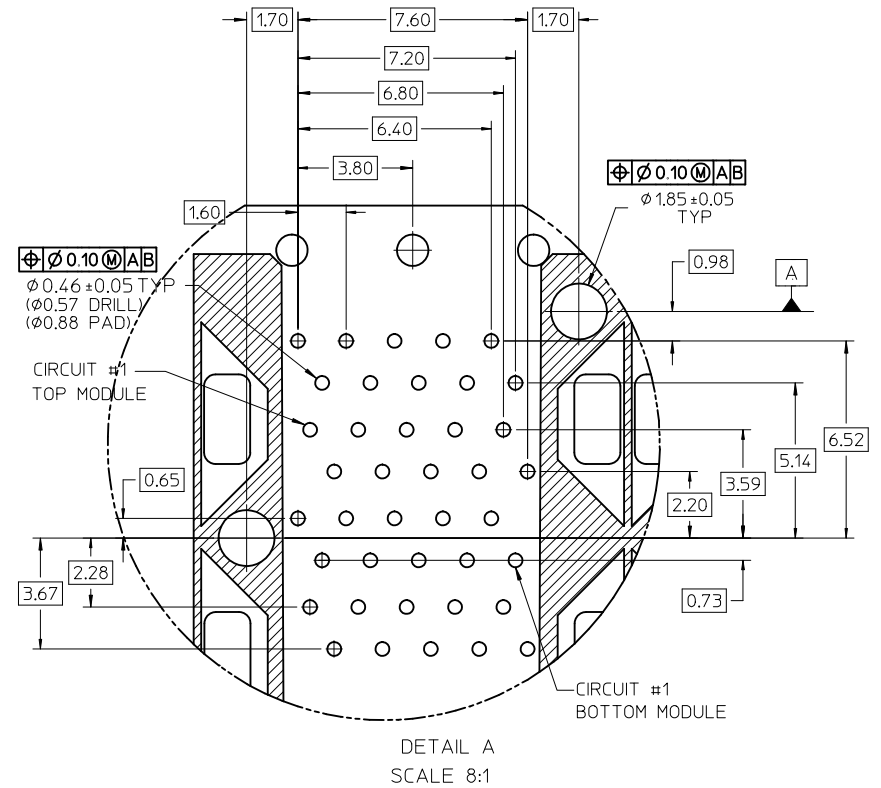
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
(OTHER THAN LIGHT PIPE LED'S)
THIS AREA IS INDICATED BY THE DASHED LINE

ADD DETAIL 3 EC NO: UCP2012-2301 DRWN:BBARKER 2012/01/24 CHKD: APPR:SMILLER 2012/02/01	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ☉ ☐		
			mm INCH		DRAWN BY DATE		TITLE				
			4 PLACES ± --- ± ---		BBARKER 2011/09/21		STACKED SFP+ 2X6 ASSY W/ METAL EMI GASKET AND LIGHTPIPES, ENHANCED EMI				
			3 PLACES ± --- ± ---		CHECKED BY DATE						
			2 PLACES ± 0.13 ± ---		APPROVED BY DATE		molex MOLEX INCORPORATED				
			1 PLACE ± 0.25 ± ---		SMILLER 2011/10/10						
ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76048-0002			3 OF 5				
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



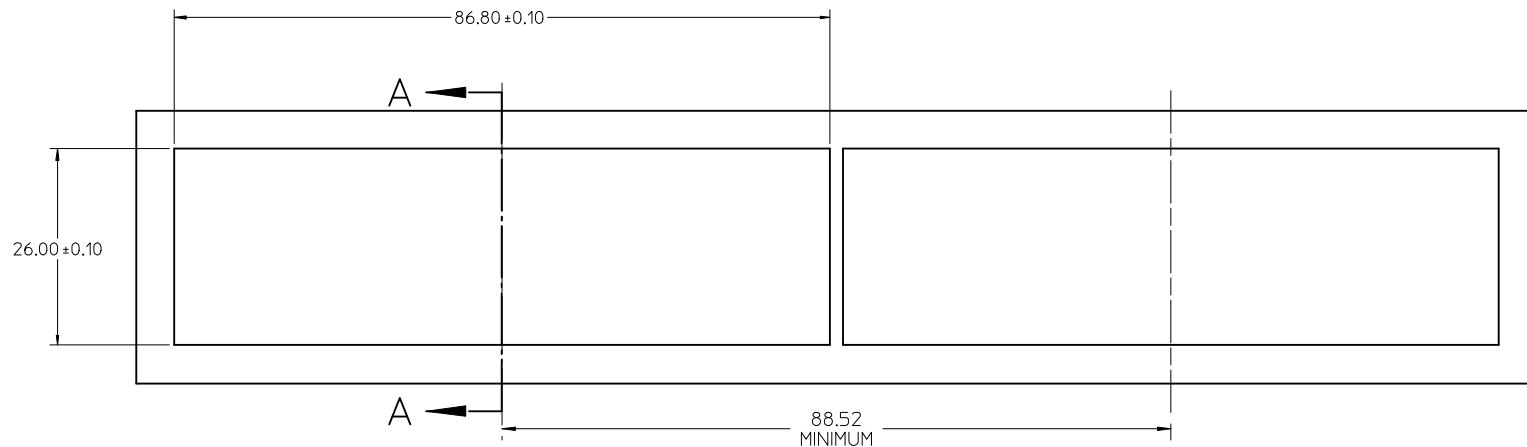
DETAIL - LIGHTPIPE LOCATION AND OTHER ZONES
SCALE 6:1

THE HATCHED AREA IN THIS VIEW INDICATES ZONES THAT ARE OCCUPIED BY THE PLASTIC HOUSING THAT SEATS AGAINST THE PCB AND BY THE VERTICAL METAL CAGE WALL THAT STOPS JUST SHORT OF THE PCB

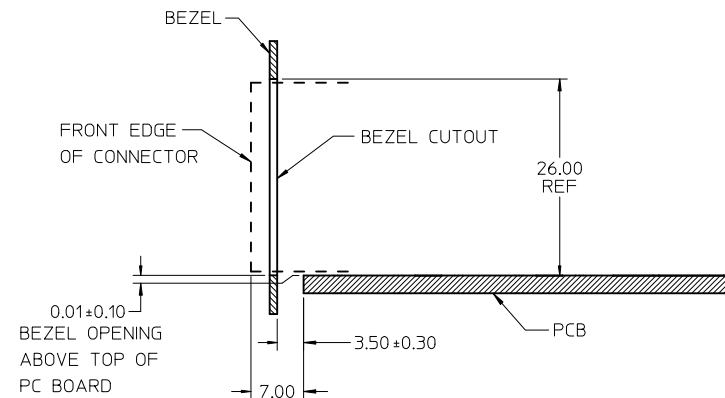


DETAIL A
SCALE 8:1

SEE SHEET 1 EC NO: UCP2012-2301 DRWN:BBARKER 2012/01/24 CHKD: APPR:SMILLER 2012/02/01	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY BBARKER	DATE 2011/09/21	TITLE STACKED SFP+ 2X6 ASSY W/ METAL EMI GASKET AND LIGHTPIPES, ENHANCED EMI					
			4 PLACES ±---	±---	CHECKED BY	DATE						
			3 PLACES ±---	±---	APPROVED BY SMILLER		DATE 2011/10/10	 MOLEX INCORPORATED		DOCUMENT NO. SD-76048-0002		SHEET NO. 4 OF 5
			2 PLACES ±0.13	±---								
			1 PLACE ±0.25	±---	ANGULAR ± 5 °							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE							
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

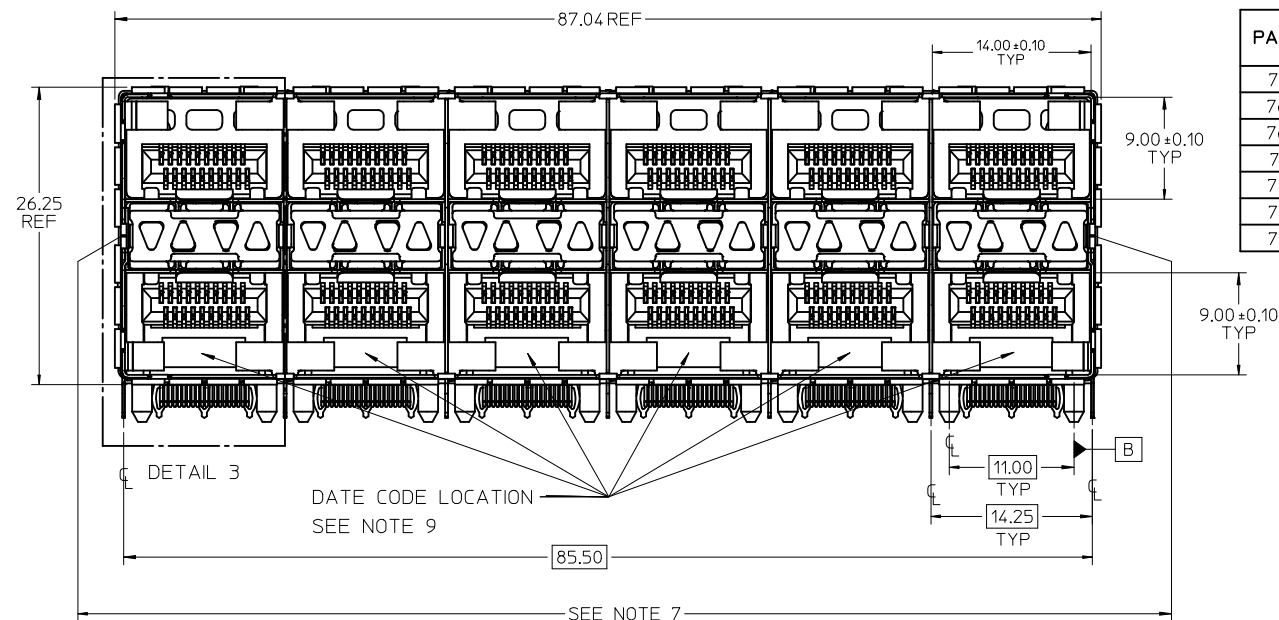


BEZEL CUTOUT CENTER SPACING DETAIL
BEZEL THICKNESS 0.8 - 2.6



SECTION A-A
SCALE 2:1

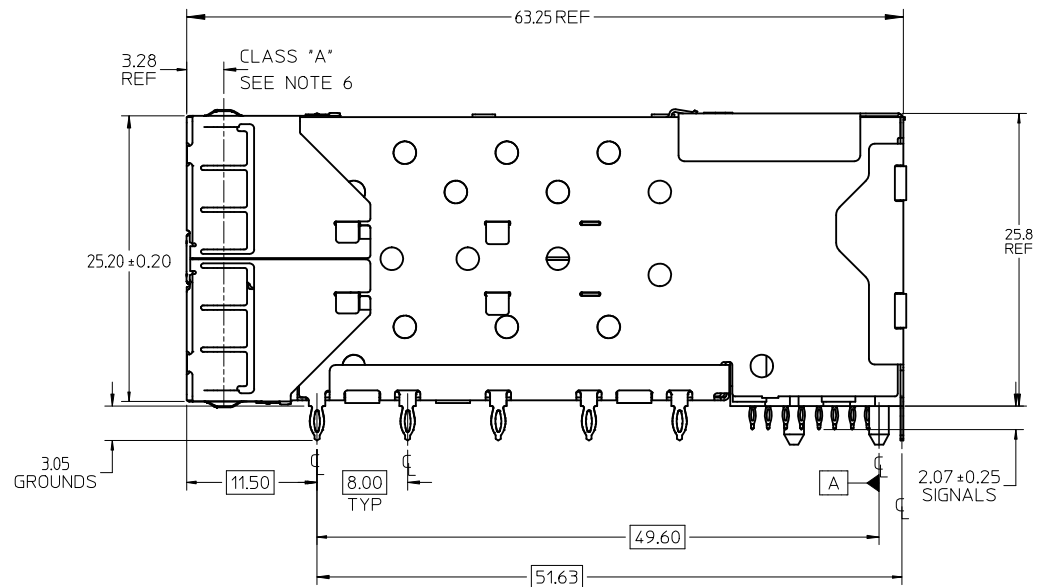
ADD SECOND BEZEL CUTOUT			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO: UCP2012-2301 DRWN:BBARKER 2012/01/24 CHKD: APPR:SMILLER 2012/02/01	REV	B			F=0 F=0 F=0	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE STACKED SFP+ 2X6 ASSY W/ METAL EMI GASKET AND LIGHTPIPES, ENHANCED EMI	
						3 PLACES	± ---	± ---	CHECKED BY	DATE		
						2 PLACES	± 0.13	± ---	APPROVED BY	DATE		
						1 PLACE	± 0.25	± ---				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 5 °			SMILLER 2011/10/10		MOLEX MOLEX INCORPORATED				
SIZE C			SEE TABLE			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SD-76048-0002		5 OF 5	



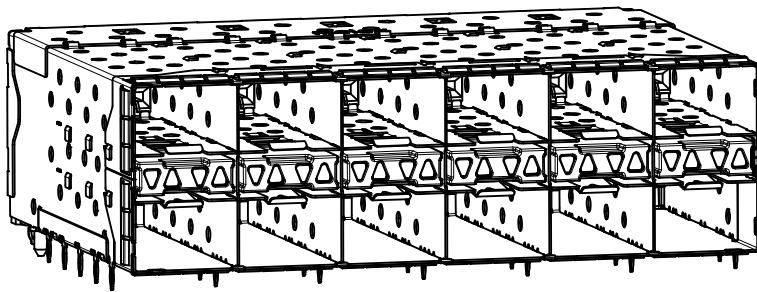
PART NUMBER	PART TYPE (SEE VIEWS ON SHEET 2)	COMPLIANT TAIL PLATING
760480001	4 LIGHT PORTS	TIN-LEAD
760480002	INNER 2 PORTS	TIN-LEAD
760480003	OUTER 2 PORTS	TIN-LEAD
760485001	4 LIGHT PORTS	TIN
760485002	INNER 2 PORTS	TIN
760485003	OUTER 2 PORTS	TIN
760485004	OUTER 2 PORTS - SPECIAL CONFIG	TIN

NOTES

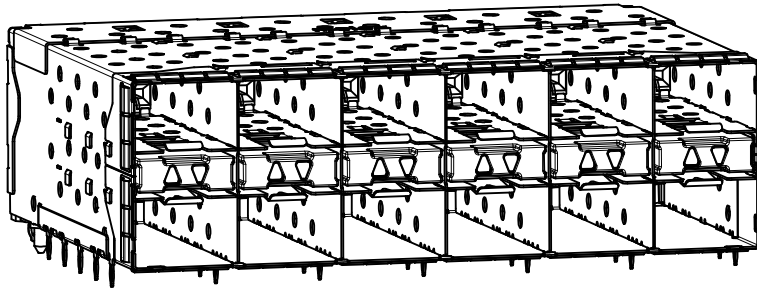
1. MATERIAL:
CAGE: NICKEL SILVER, THICKNESS: 0.25mm
CONNECTOR HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0,
COLOR: BLACK
OVERMOLD TERMINAL HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP),
UL 94V-0, COLOR: BLACK
TERMINALS: TIN BRASS
EMI GASKET: PHOS-BRONZE
LIGHTPIPE HOUSING: ZINC
LIGHTPIPES: POLYCARBONATE, COLOR: CLEAR
2. FINISHES:
TERMINALS: CONTACT AREA: 0.76 MICROMETERS MINIMUM HARD GOLD
OVER 1.27 MICROMETERS MINIMUM NICKEL.
COMPLIANT TAIL - TIN/LEAD OPTION: 0.76 TO 1.52 MICROMETERS
90/10 TIN-LEAD OVER 0.76 MICROMETERS MINIMUM NICKEL.
COMPLIANT TAIL - TIN OPTION: 0.76 TO 1.52 MICROMETERS
TIN OVER 0.76 MICROMETERS MINIMUM NICKEL.
LIGHT PIPE HOUSING: 80 MICROMETERS MINIMUM NICKEL OVER COPPER
EMI GASKET: 2.54 MICROMETERS MINIMUM NICKEL OVERALL
3. REFER TO PS-75310-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL,
AND ENVIRONMENTAL SPECIFICATIONS.
4. LIGHTPIPE PAD LAYOUT IS FOR 0805 LOW-PROFILE LED PACKAGE, FOR
OTHER RECOMMENDED LAYOUTS REFER TO MOLEX'S REPORT TS-75310-001.
5. REFER TO PK-75451-001 FOR ALL PACKAGING SPECIFICATIONS.
6. THE SURFACES CONFORM TO THE MOLEX COSMETIC SPEC PS-45499-002.
ALL EXTERIOR SURFACES TO BE CLASS "B" SURFACE EXCEPT THE
UNDERSIDE (CLASS "C") OF THE CAGE (SIDE TOWARD THE PCB) AND
AS OTHERWISE NOTED.
7. THE OVERALL CAGE WIDTH AT THE VERTICAL CENTER OF THE FRONT EDGE
WILL FALL WITHIN THIS DIMENSION: 86.30+/-0.30 MM. THIS PORTION
OF THE CAGE WILL FLEX INWARD AS THE CAGE IS BEING INSERTED INTO
THE BEZEL OPENING.
8. REFER TO AS-76090-001 FOR HIGH SPEED ROUTING RECOMMENDATIONS.
9. DATE CODE LOCATION IS SHOWN ABOVE.
DATE CODE FORMAT: DDDY MX A1
DDD = DAY OF THE YEAR
Y = YEAR
MX = MOLEX
A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE
1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIFT



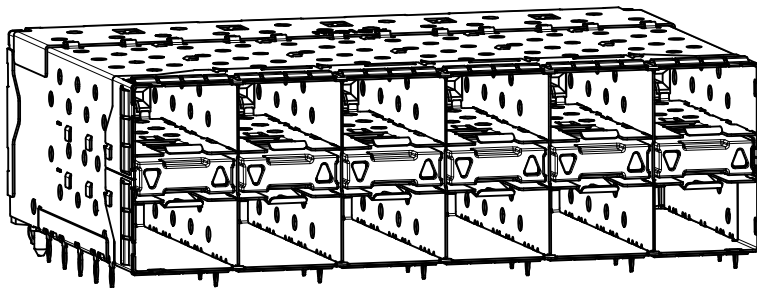
ADD 760485004 EC NO: UCP201-2450 DRYKDMOLFE 2011/03/08 CHKCDMIGARRA 2011/03/08 APPR:SMILLER 2011/11/09	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		= 0 = 0 = 0	mm	INCH	DRAWN BY	DATE	TITLE STACKED SFP+ 2X6 ASSY WITH METAL EMI GASKET AND LIGHTPIPES			
			4 PLACES	± ---	± ---	MSANDBERG		09/28/2006		
			3 PLACES	± ---	± ---	CHECKED BY		DATE		
			2 PLACES	± 0.13	± ---	JLONG		09/28/2006		
1 PLACE	± 0.25	± ---	APPROVED BY	DATE	MOLEX INCORPORATED					
ANGULAR ± 5 °		KREGNIER	09/28/2006							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-76048-001		SHEET NO. 1 OF 5				
		SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



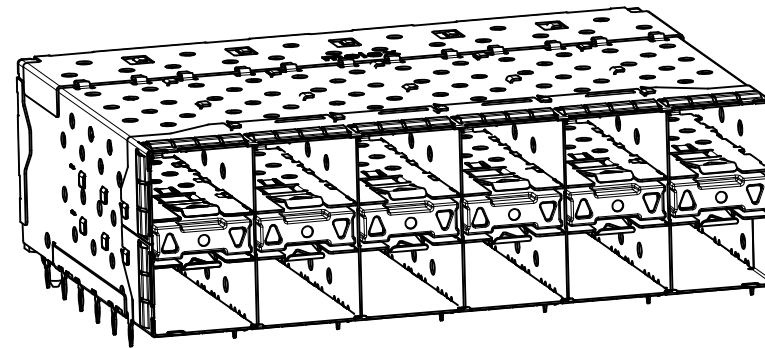
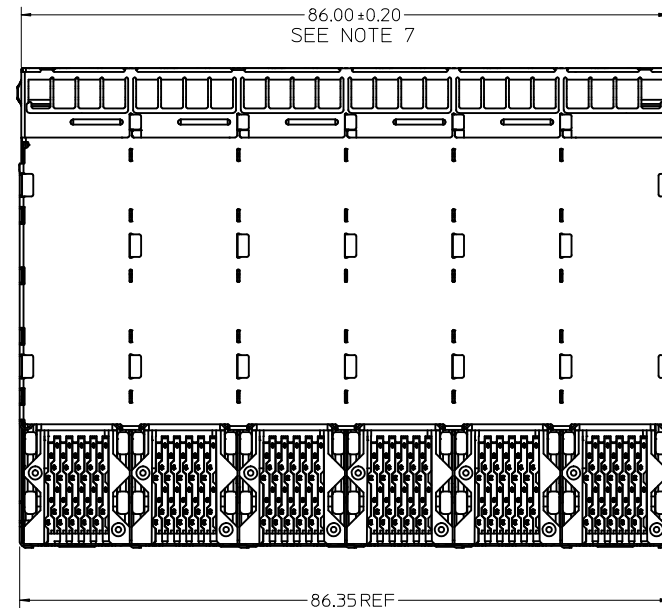
760480001 AND 760485001
WITH INNER AND OUTER LIGHTPIPES



760480002 AND 760485002
WITH INNER LIGHTPIPES

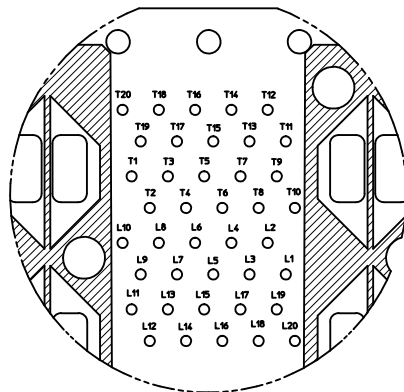


760480003 AND 760485003
WITH OUTER LIGHTPIPES

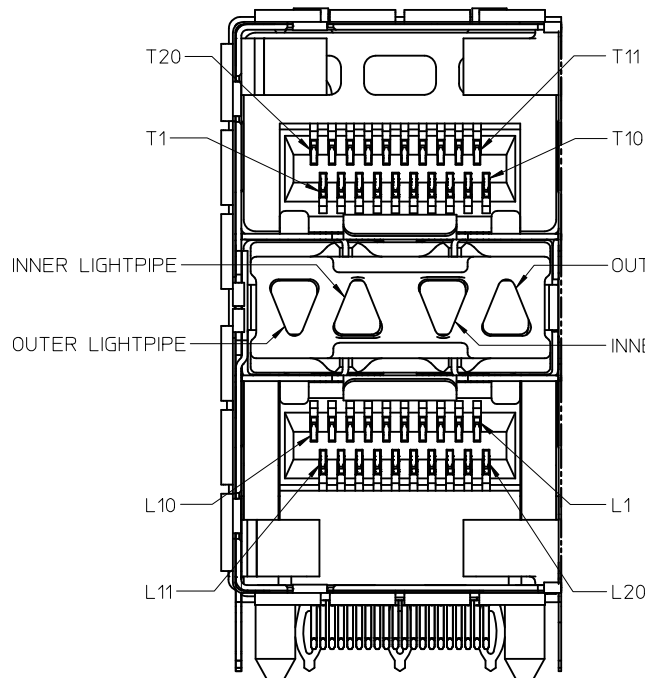


760485004
WITH OUTER LIGHTPIPES

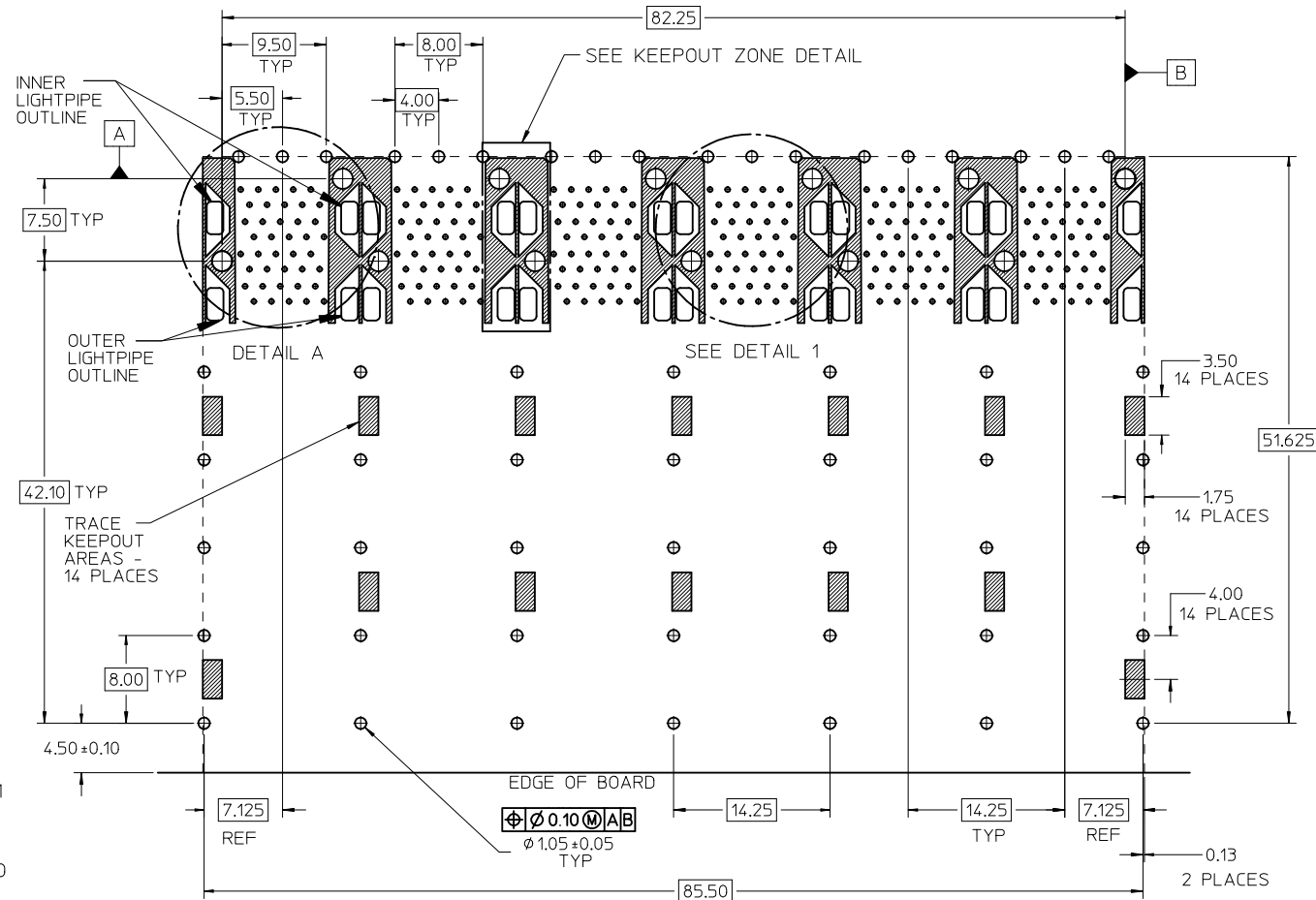
SEE SHEET 1	EC NO: UCP2011-2450 DRWN:WOLFE 2011/03/08 CHKD:MIBARRA 2011/03/08 APPR:SMILLER 2011/11/09	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
								DRAWN BY DATE		TITLE STACKED SFP+ 2X6 ASSY WITH METAL EMI GASKET AND LIGHTPIPES	DOCUMENT NO. MOLEX MOLEX INCORPORATED	
								CHECKED BY DATE				
								APPROVED BY DATE				
								MATERIAL NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE TABLE		SD-76048-001		SHEET NO. 2 OF 5			
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DETAIL 1
SCALE 6:1



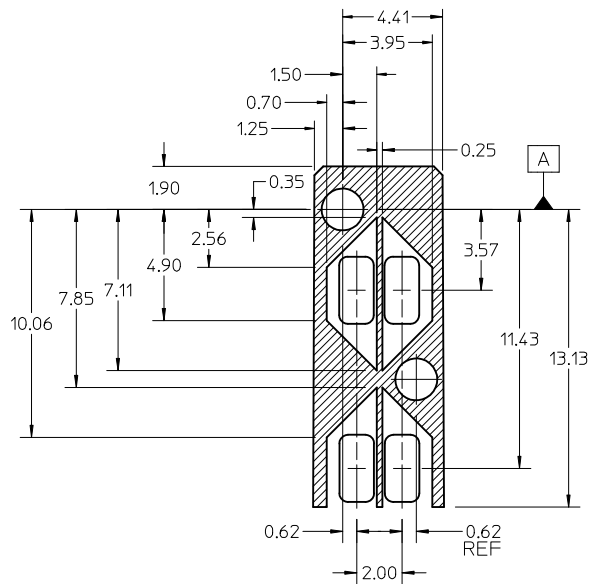
DETAIL 3
SCALE 6:1



RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.63 MM (.093 INCH)

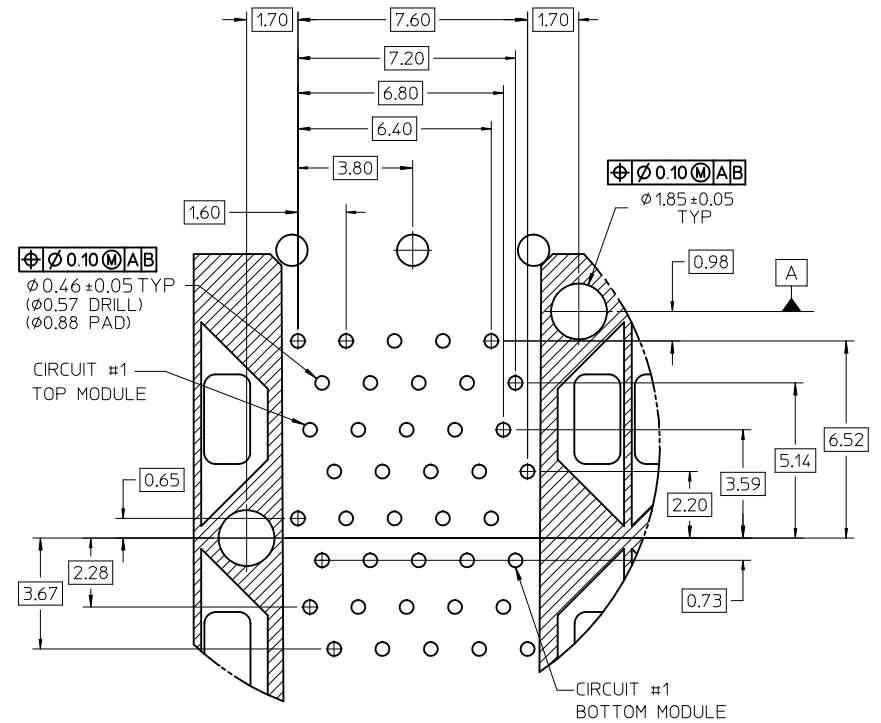
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
(OTHER THAN LIGHT PIPE LED'S)
THIS AREA IS INDICATED BY THE DASHED LINE

ADD DETAIL 3 EC NO: UCP2011-2450 DRWN: MWLF 2011/03/08 CHKD: MIBARRA 2011/03/08 APPR: SMILLER 2011/11/09	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY MSANDBERG	DATE 09/28/2006	TITLE STACKED SFP+ 2X6 ASSY WITH METAL EMI GASKET AND LIGHTPIPES MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-76048-001	SHEET NO. 3 OF 5		
			4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 09/28/2006					
			3 PLACES	± ---	± ---	APPROVED BY KREGNIER	DATE 09/28/2006					
			2 PLACES	± 0.13	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE TABLE	SD-76048-001
			1 PLACE	± 0.25	± ---							
			ANGULAR ± 5 °			MATERIAL NO.						
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



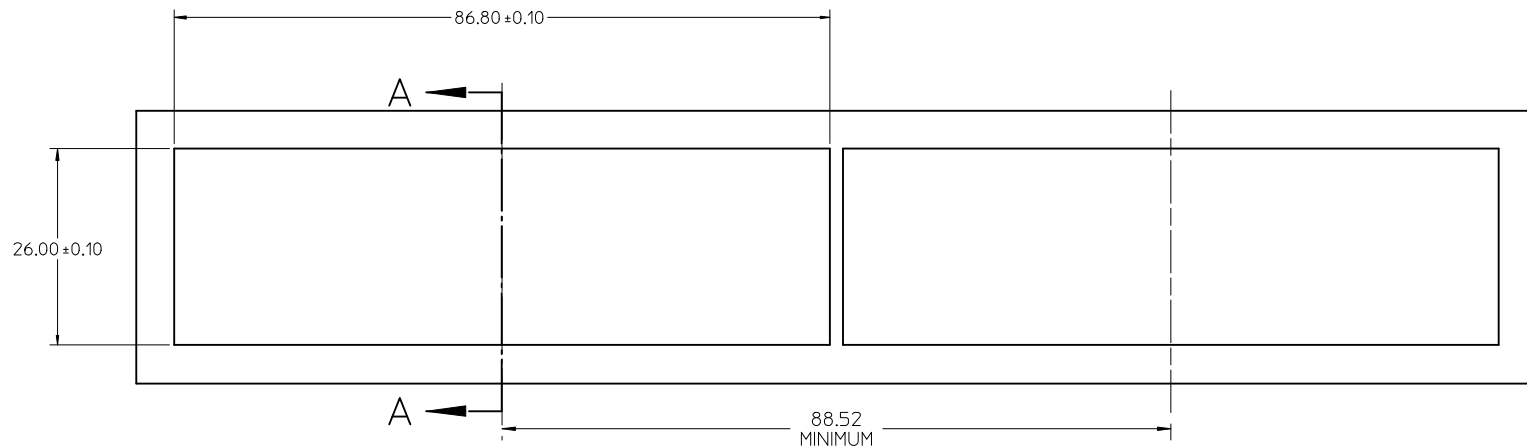
DETAIL - LIGHTPIPE LOCATION AND OTHER ZONES
SCALE 6:1

THE HATCHED AREA IN THIS VIEW INDICATES ZONES THAT ARE OCCUPIED BY THE PLASTIC HOUSING THAT SEATS AGAINST THE PCB AND BY THE VERTICAL METAL CAGE WALL THAT STOPS JUST SHORT OF THE PCB

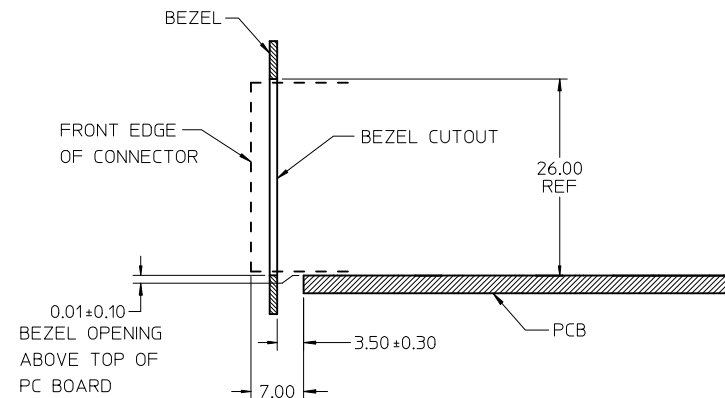


DETAIL A
SCALE 8:1

SEE SHEET 1 EC NO: UCP2011-2450 DRWN:MMOLFE 2011/03/08 CHKD:MBARRA 2011/03/08 APPR:SMILLER 2011/11/09	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE STACKED SFP+ 2X6 ASSY WITH METAL EMI GASKET AND LIGHTPIPES		
				mm	INCH	DRAWN BY MSANDBERG	DATE 09/28/2006	MOLEX MOLEX INCORPORATED				
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY JLONG	DATE 09/28/2006						
			2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	APPROVED BY KREGNIER	DATE 09/28/2006						
			ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76048-001				4 OF 5	
			REV	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



BEZEL CUTOUT CENTER SPACING DETAIL
BEZEL THICKNESS 0.8 - 2.6



SECTION A-A
SCALE 2:1

ADD SECOND BEZEL CUTOUT EC NO: UCP2011-2450 DRWN:WOLFE 2011/03/08 CHKD:MIBARRA 2011/03/08 APPR:SMILLER 2011/11/09		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY MSANDBERG	DATE 09/28/2006	TITLE STACKED SFP+ 2X6 ASSY WITH METAL EMI GASKET AND LIGHTPIPES		
				4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 09/28/2006			
				3 PLACES	± ---	± ---	APPROVED BY KREGNIER	DATE 09/28/2006			
				2 PLACES	± 0.13	± ---	MATERIAL NO.	DOCUMENT NO.			
			1 PLACE	± 0.25	± ---	ANGULAR ± 5 °		MOLEX INCORPORATED		SHEET NO. 5 OF 5	
D	REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76048-001			
						SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				