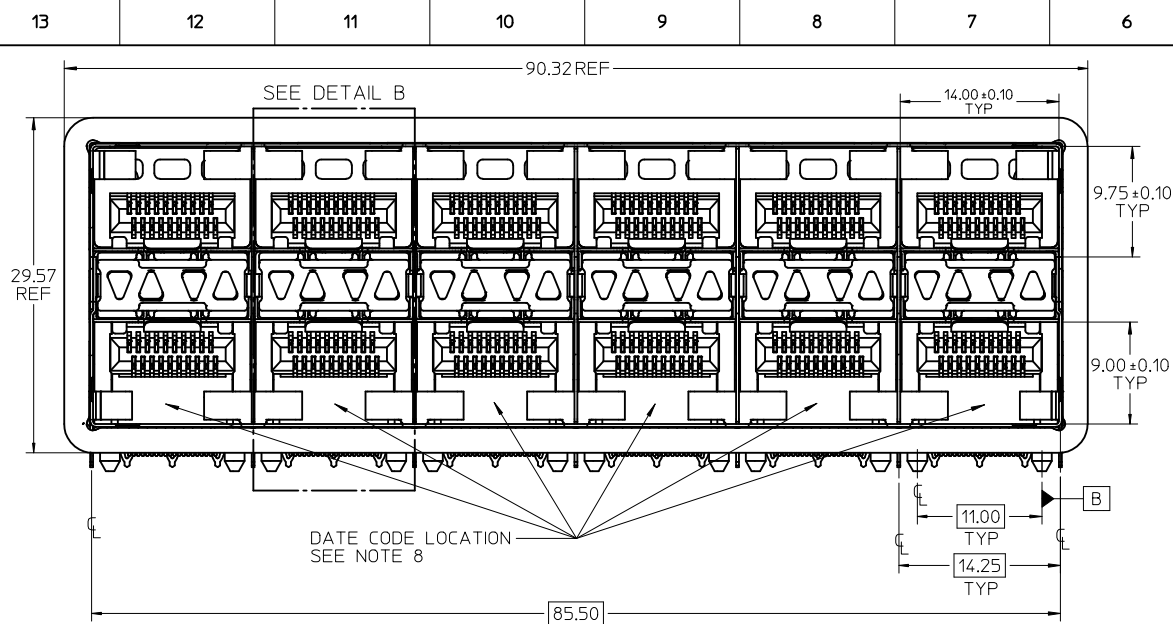




PART NUMBER	DESCRIPTION	VIEW	COMPLIANT TAIL PLATING
760940001	4 LIGHT PORTS	SEE PG 2	MATTE TIN / LEAD
760940002	INNER 2 PORTS	SEE PG 2	MATTE TIN / LEAD
760940003	OUTER 2 PORTS	SEE PG 2	MATTE TIN / LEAD
760945001	4 LIGHT PORTS	SEE PG 2	MATTE TIN
760945002	INNER 2 PORTS	SEE PG 2	MATTE TIN
760945003	OUTER 2 PORTS	SEE PG 2	MATTE 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: CONDUCTIVE ELASTOMER
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 - MATTE TIN/LEAD OPTION: 0.76 TO 1.52 MICROMETERS
90/10 MATTE TIN-LEAD OVER 0.76 MICROMETERS MINIMUM NICKEL.
COMPLIANT TAIL - MATTE TIN OPTION: 0.76 TO 1.52 MICROMETERS
MATTE TIN OVER 0.76 MICROMETERS MINIMUM NICKEL.

LIGHT PIPE HOUSING: 80 MICROMETERS MINIMUM NICKEL OVER COPPER

3. REFER TO PS-75310-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.

4. LIGHT PIPE 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. ALL EXTERIOR SURFACES TO BE CLASS 'B' SURFACES EXCEPT THE UNDER SIDE OF THE CAGE WHERE THE PCB WOULD BE LOCATED AND AS NOTED. THE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.

7. REFER TO AS-76090-001 FOR HIGH SPEED ROUTING RECOMMENDATIONS.

8. DATE CODE LOCATION IS SHOWN ABOVE.

DATE CODE FORMAT: DDDY MX A1

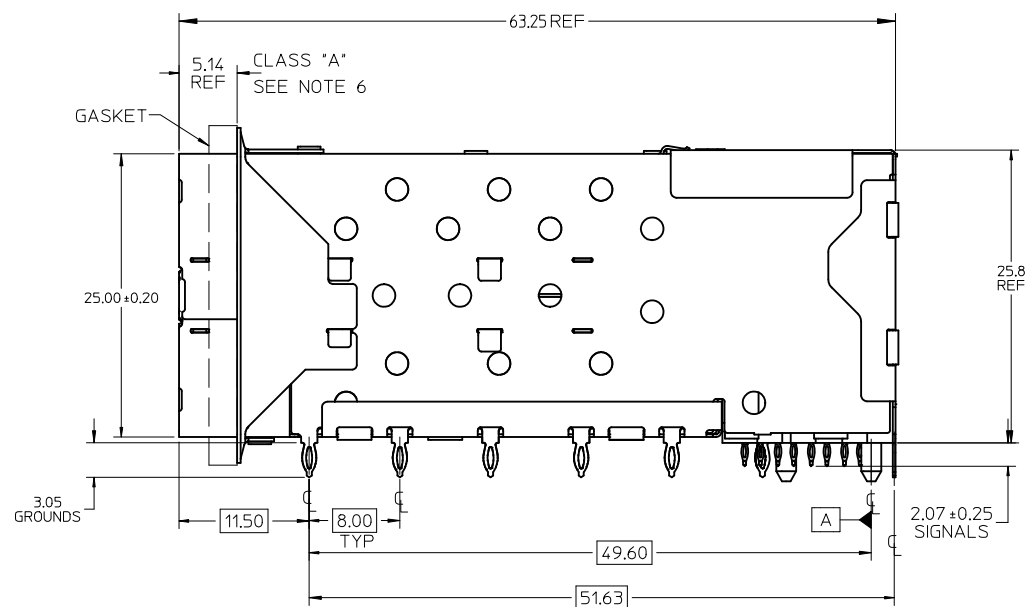
DDD = DAY OF THE YEAR

Y = YEAR

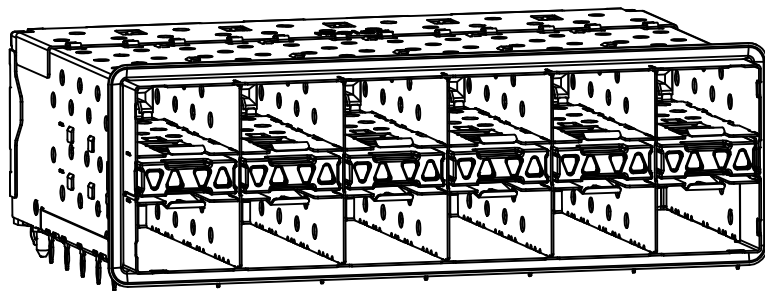
MX = MOLEX

A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE

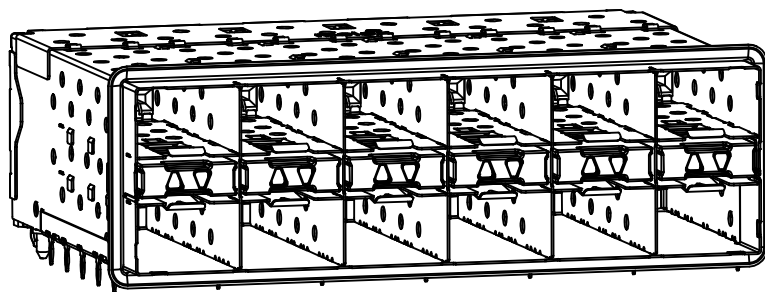
1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIFT



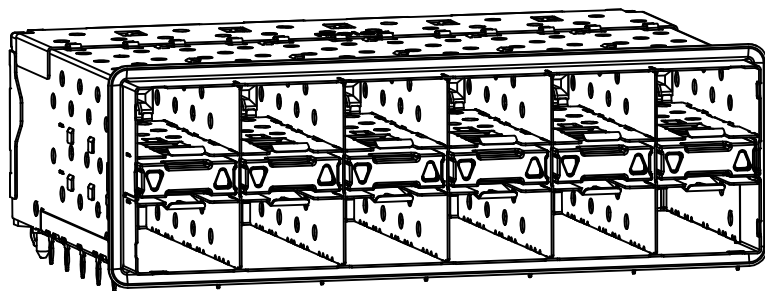
ADD NOTE 7 & 8 EC NO: UCP2011-2594 DRWN:WOLFE 2011/03/08 CHKD:BBARKER 2011/03/08 APPR:SMILLER 2011/09/20	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		3:1	METRIC		
			mm INCH		DRAWN BY	DATE	TITLE STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET			
			4 PLACES	± --- ± ---	JLONG	01-18-2007				
			3 PLACES	± --- ± ---	CHECKED BY	DATE				
			2 PLACES	± 0.13 ± ---	MSANDBERG	01-18-2007				
			1 PLACE	± 0.25 ± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
			ANGULAR ± 5 °		RNELSON	01-18-2007				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.				DOCUMENT NO.	
					SEE TABLE		SD-76094-001		1 OF 4	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



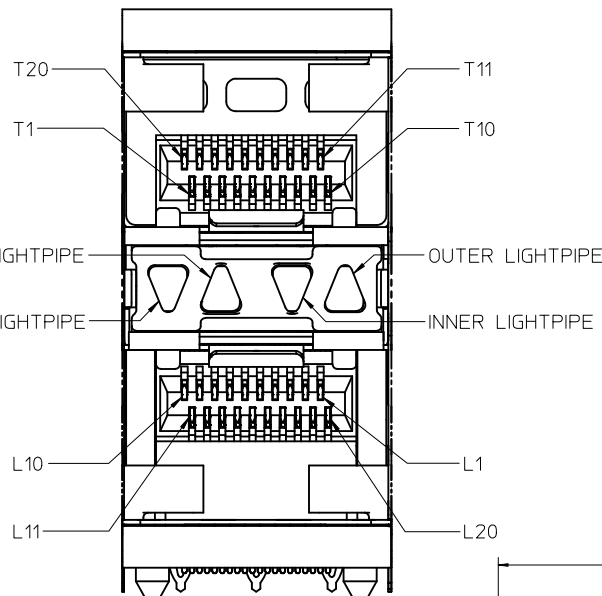
760940001 AND 760945001
WITH INNER AND OUTER LIGHTPIPES



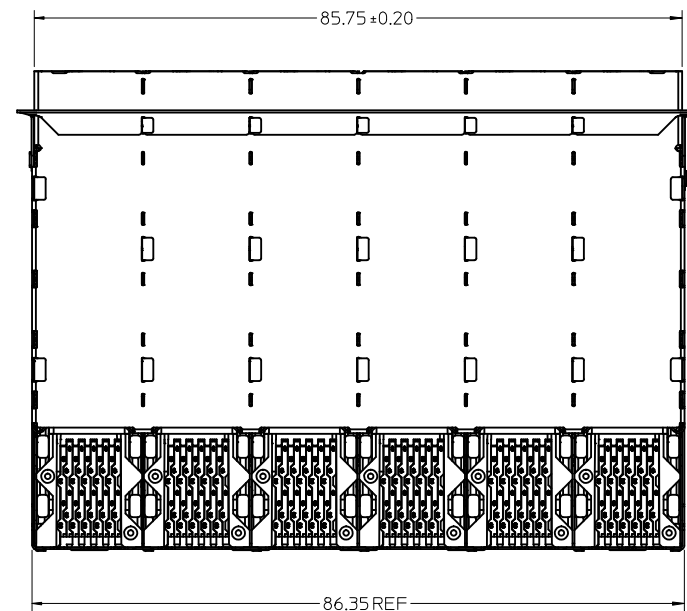
760940002 AND 760945002
WITH INNER LIGHTPIPES



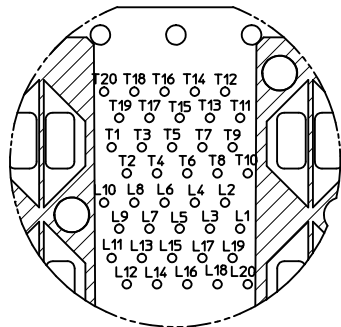
760940003 AND 760945003
WITH OUTER LIGHTPIPES



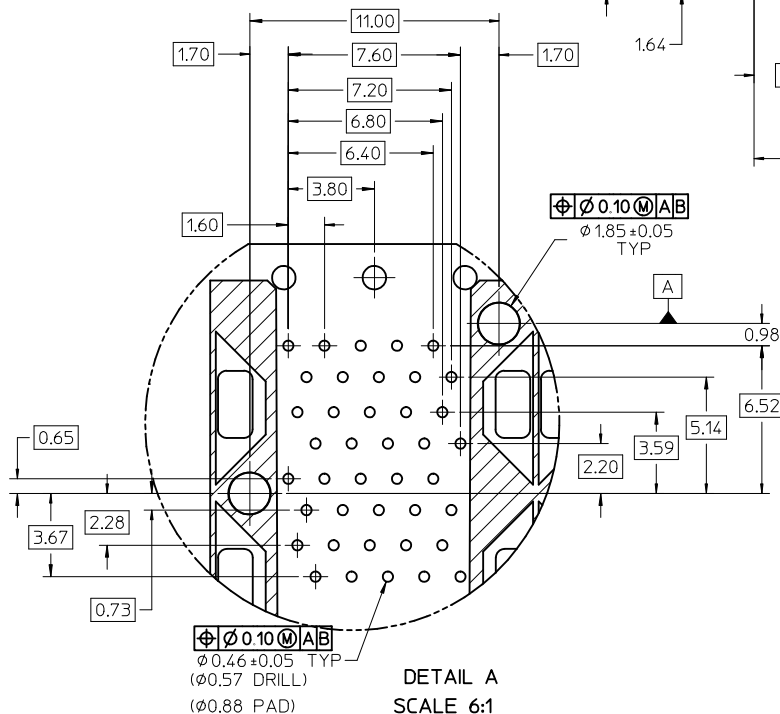
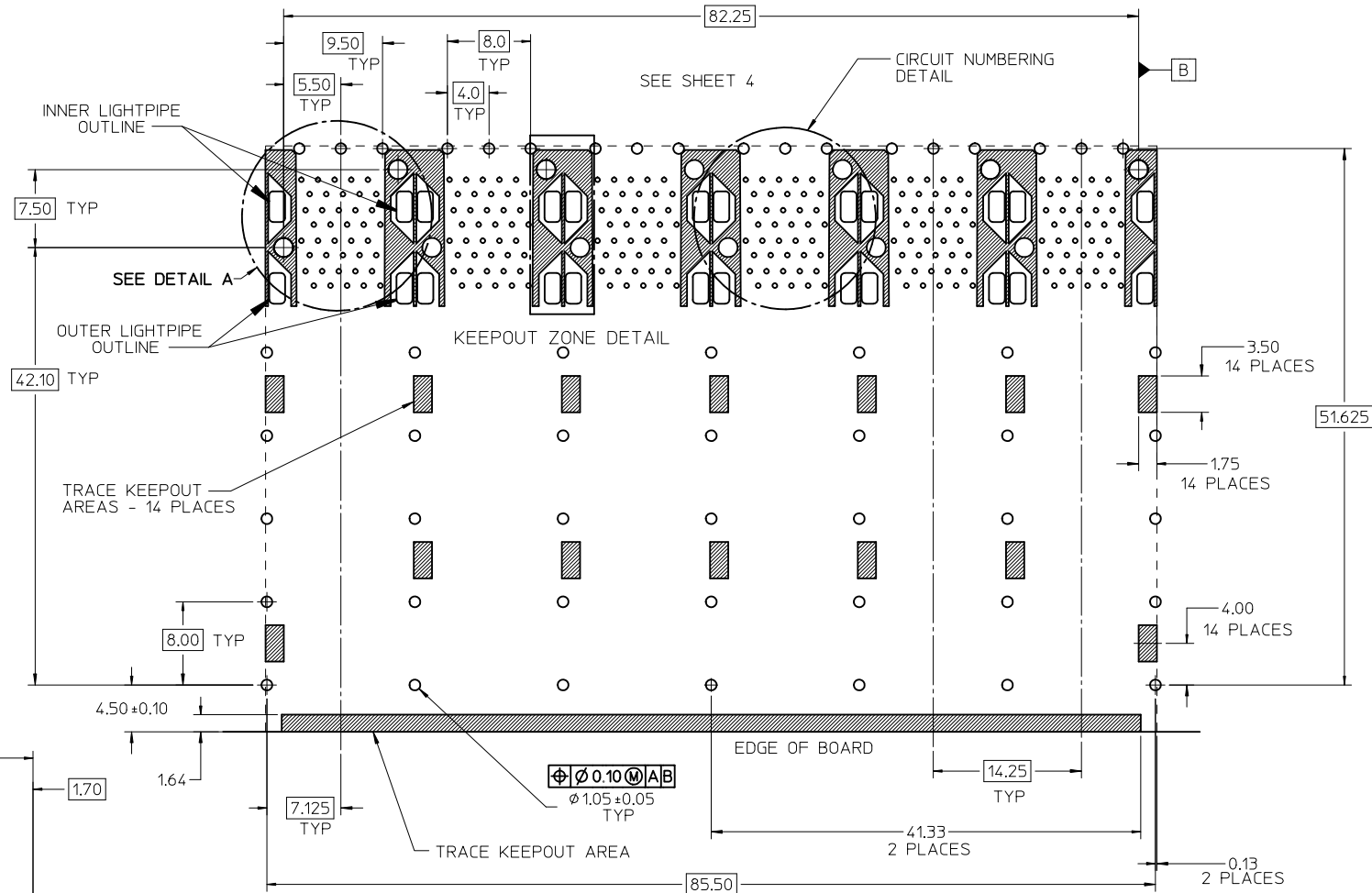
DETAIL B
SCALE 5:1
CIRCUIT NUMBERING
AND LIGHTPIPE
IDENTIFICATION



ADD DETAIL B EC NO: UCP2011-2594 DRWN:MWOLFE CHKD:BBARKER APPR:SMILLER 2011/03/08 2011/03/08 2011/09/20	REV DESCRIPTION	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽D=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET	
				mm	INCH	DRAWN BY JLONG	DATE 01-18-2007	TITLE			
			4 PLACES ± ---	± ---	CHECKED BY MSANDBERG	DATE 01-18-2007					
			3 PLACES ± ---	± ---	APPROVED BY RNELSON	DATE 01-18-2007					
			2 PLACES ± 0.13	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-76094-001				SHEET NO. 2 OF 4
			1 PLACE ± 0.25	± ---	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ± 5 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								



CIRCUIT NUMBERING
COMPONENT SIDE OF BOARD
SCALE 5:1



DETAIL A
SCALE 6:1

RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)

THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
(OTHER THAN LIGHTPIPE LED'S).

THIS AREA IS INDICATED BY THE DASHED LINE

CHG DETAIL CALLOUT	EC NO: UCP2011-2594		2011/03/08	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
								MM ONLY		3:1	METRIC		
						mm	INCH	DRAWN BY		DATE		TITLE STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET	
					4 PLACES	± ---	± ---	JLONG		01-18-2007			
					3 PLACES	± ---	± ---	CHECKED BY		DATE			
					2 PLACES	± 0.13	± ---	MSANDBERG		01-18-2007			
					1 PLACE	± 0.25	± ---	APPROVED BY		DATE		molex MOLEX INCORPORATED	
					ANGULAR ± 5 °		RNELSON		01-18-2007				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
					SEE TABLE		SD-76094-001		3 OF 4				
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

13 12 11 10 9 8 7 6 5 4 3 2 1

J

I

H

G

F

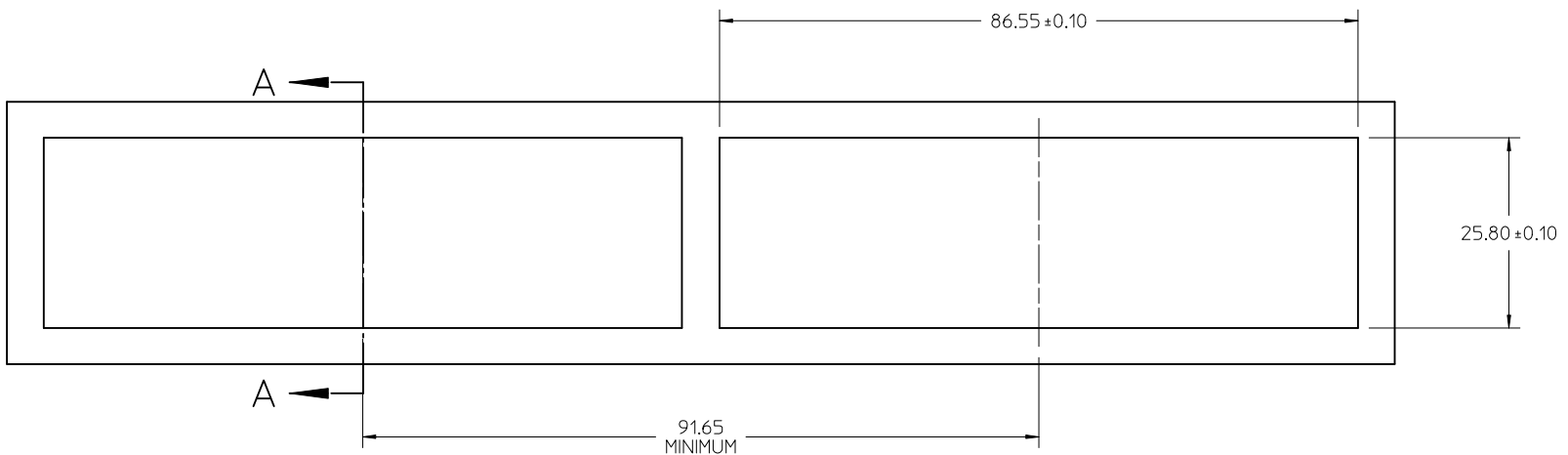
E

D

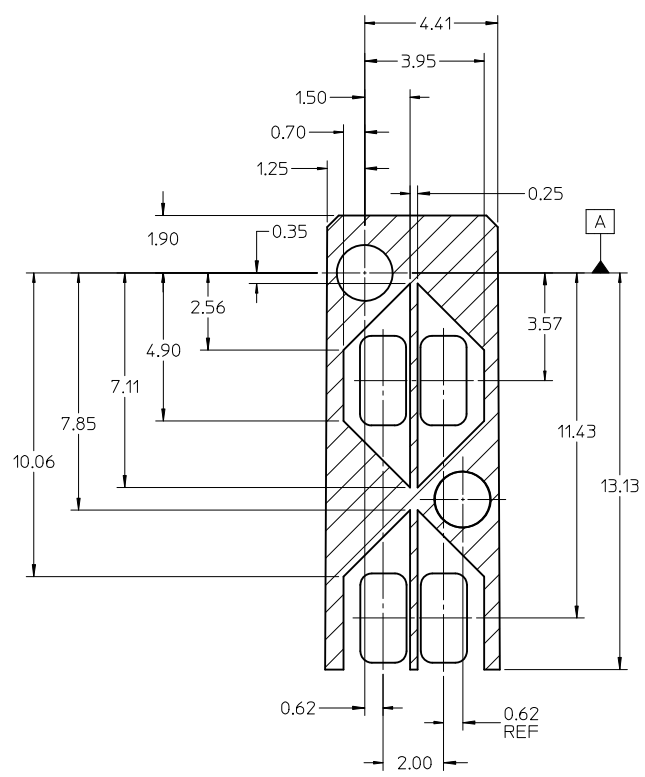
C

B

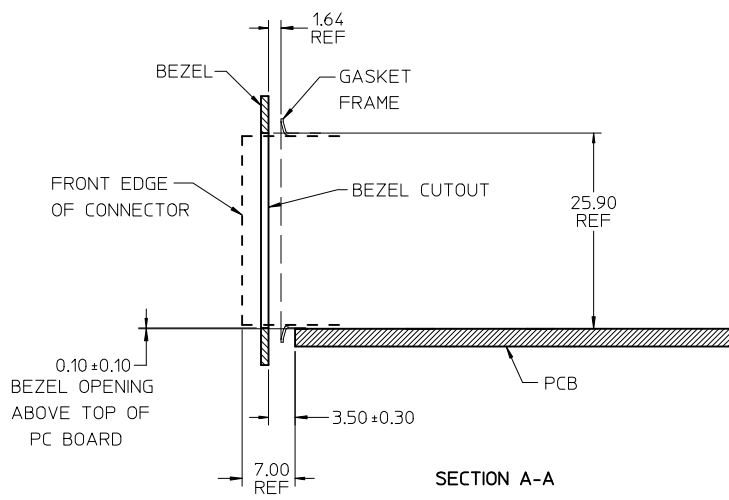
A



BEZEL CUTOUT CENTER SPACING DETAIL
BEZEL THICKNESS 0.8 - 2.6

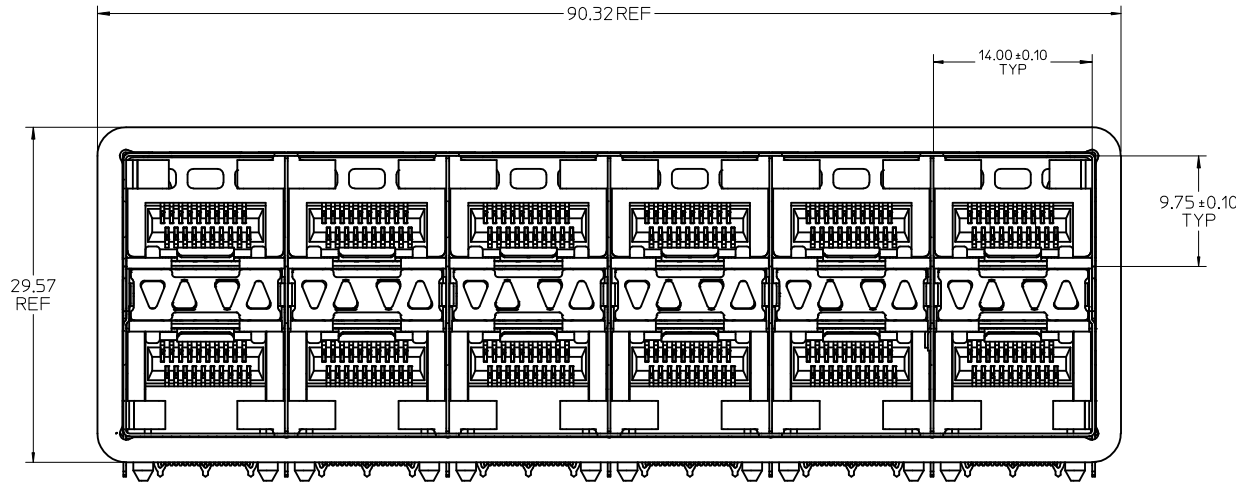


KEEPOUT ZONE DETAIL
SCALE 8:1



ADD SECOND BEZEL CUTOUT EC NO: UCP2011-2594 DRWN:WOLFE 2011/03/08 CHKD:BBARKER 2011/03/08 APPR:SMILLER 2011/09/20	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET	
						DRAWN BY JLONG	DATE 01-18-2007					
						CHECKED BY MSANDBERG	DATE 01-18-2007					
						APPROVED BY RNELSON	DATE 01-18-2007	 MOLEX INCORPORATED				
						MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-76094-001				SHEET NO. 4 OF 4
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				ANGULAR ± 5 °								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

PART NUMBER	DESCRIPTION	VIEW	COMPLIANT TAIL PLATING
	4 LIGHT PORTS	SEE PG 2	TIN / LEAD
760946002	INNER 2 PORTS	SEE PG 2	TIN / LEAD
	OUTER 2 PORTS	SEE PG 2	TIN / LEAD
	4 LIGHT PORTS	SEE PG 2	TIN
760947002	INNER 2 PORTS	SEE PG 2	TIN
	OUTER 2 PORTS	SEE PG 2	TIN



NOTES:

1. MATERIAL:

CAGE: NICKEL SILVER, THICKNESS: 0.25mm

GASKET FLANGE: STAINLESS STEEL

EMI GASKET: CONDUCTIVE POLYMER

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: BRASS

LIGHT PIPE: POLYCARBONATE UL 94V-0; COLOR CLEAR

LIGHT PIPE HOUSING: ZINC

2. FINISH

TERMINALS:

CONTACT AREA: 0.76 MICROMETERS MINIMUM HARD GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.

COMPLIANT TAIL - TIN/LEAD OPTION: 0.76 - 1.52 MICROMETERS 90/10 TIN/LEAD OVER 0.76 - 1.52 MICROMETERS NICKEL

COMPLIANT TAIL - TIN OPTION: 0.76 - 1.52 MICROMETERS TIN OVER 0.76 - 1.52 MICROMETERS NICKEL

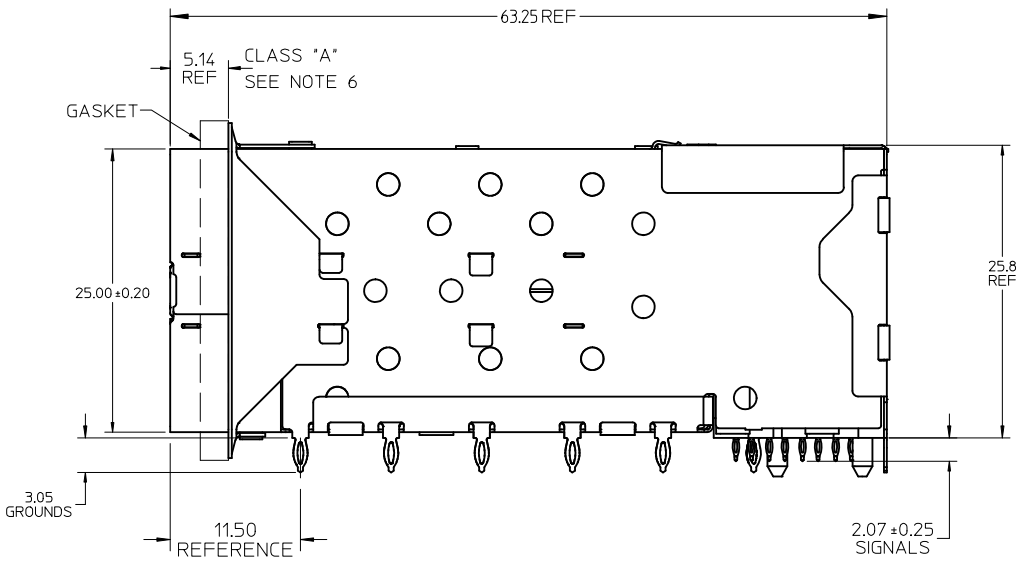
LIGHT PIPE HOUSING: 80 MICROMETERS MINIMUM NICKEL OVER 30 MICROMETERS MINIMUM COPPER

3. REFER TO PS-75310-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.

4. LIGHT PIPE 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.



ADD -7002 ASSEMBLY

EC NO: UCP2011-3362

DRWN:BBARKER

CHKD:BSMART

APPR:SMILLER

2011/05/01

2011/05/09

DESCRIPTION

REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .---
2 PLACES	± 0.13	± .---
1 PLACE	± 0.25	± .---

ANGULAR ± 5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

BBARKER

CHECKED BY

DATE

2010/10/19

DATE

APPROVED BY

SMILLER

DATE

2011/05/09

MATERIAL NO.

SIZE

C

SCALE

3:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET ENHANCED EMI SHIELDING

MOLEX INCORPORATED

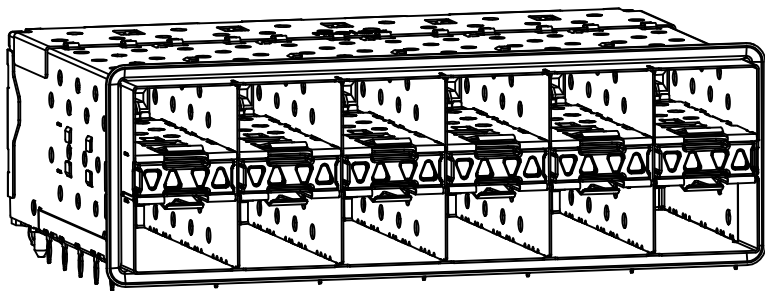
DOCUMENT NO.

SD-76094-003

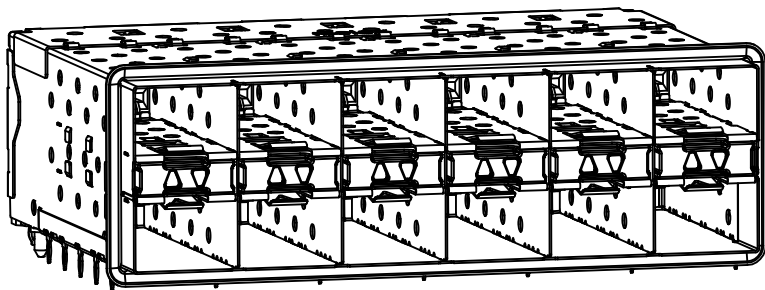
SHEET NO.

1 OF 4

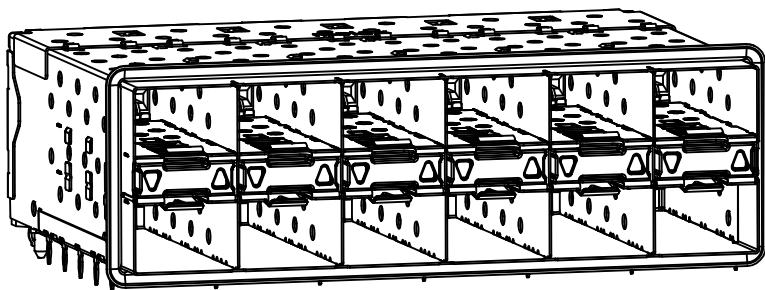
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



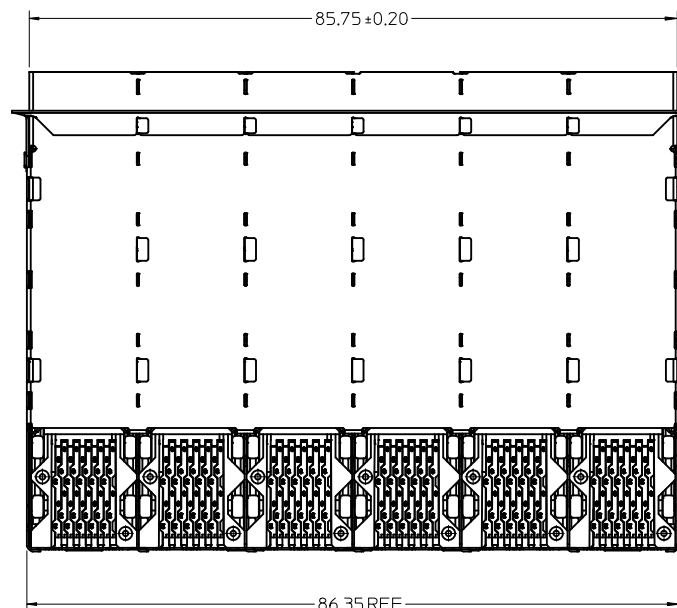
WITH INNER AND OUTER LIGHT PIPES



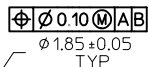
760946002 AND 760947002
WITH INNER LIGHT PIPES



WITH OUTER LIGHT PIPES



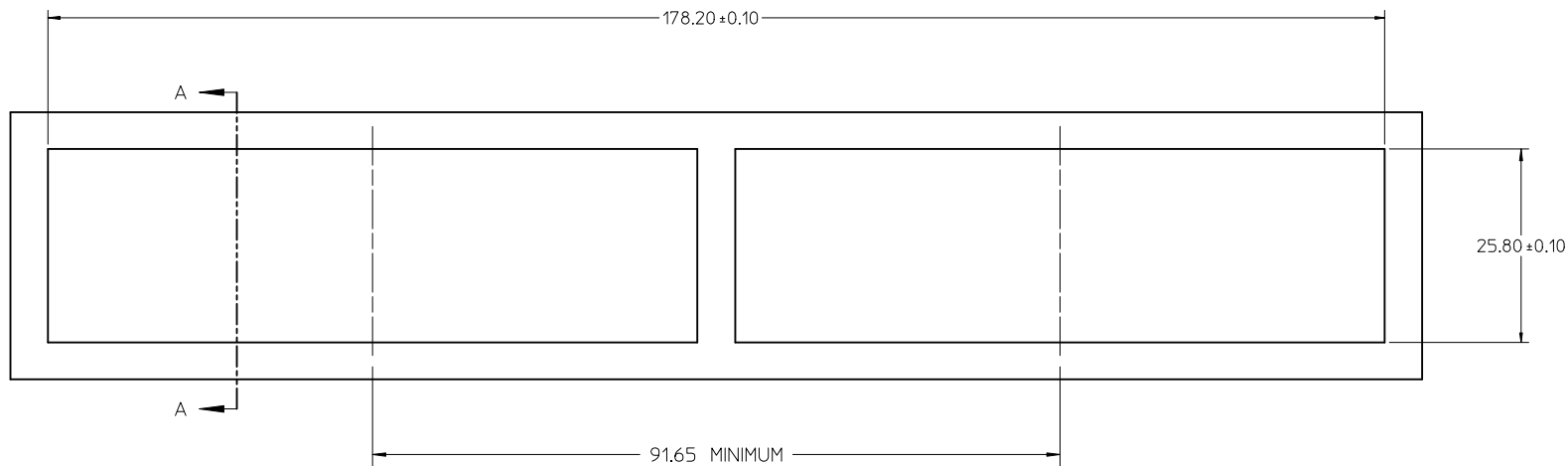
SEE SHEET 1 EC NO: UCP2011-3362 DRAWN BY: BBARKER CHKD BY: BSWART APPR: SMILLER 2011/05/01 2011/05/09	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY BBARKER	DATE 2010/10/19	STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET ENHANCED EMI SHIELDING					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---								
			2 PLACES	± 0.13	± ---	APPROVED BY SMILLER		DATE 2011/05/09	molex	MOLEX INCORPORATED			
			1 PLACE	± 0.25	± ---								
			ANGULAR ± 5 °			MATERIAL NO.		DOCUMENT NO.			SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1			SD-76094-003			2 OF 4	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



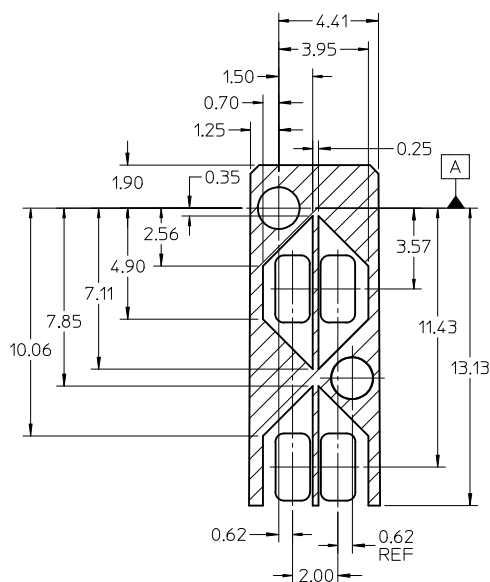
RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)

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

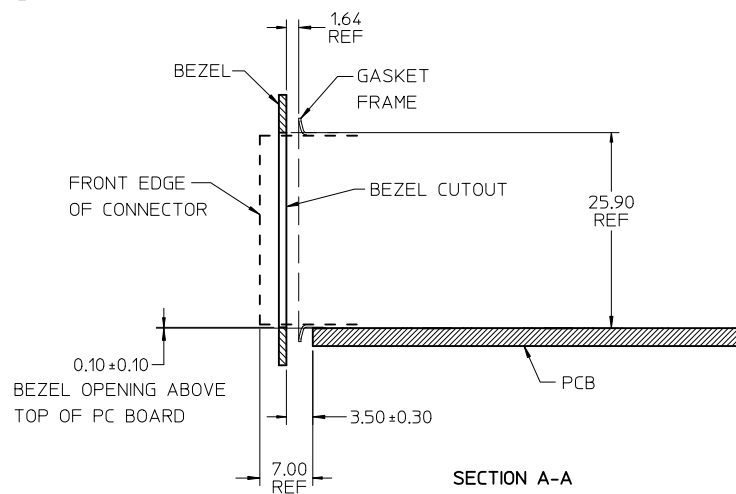
SEE SHEET 1 EC NO: UCP2011-3362 CHKD:BBARKER 2011/05/01 DRWN:SMILLER 2011/05/09 APPR:SMILLER	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DESCRIPTION	mm INCH	DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE	TITLE		
	F=0 E=0 D=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± ---	BBARKER 2010/10/19 SMILLER 2011/05/09	STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET ENHANCED EMI SHIELDING		
	REV	ANGULAR ± 5 °	MATERIAL NO.	DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 1		SD-76094-003 3 OF 4	
		SIZE	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



KEEPOUT ZONE DETAIL
SCALE 6:1



SEE SHEET 1 EC NO: UCP2011-3362 DRAWN BY: BBARKER CHKD BY: SMART APPR: SMILLER REV: B	DESCRIPTION 2011/05/09	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 2010/10/19	TITLE STACKED SFP+ 2X6 ASS'Y WITH ELASTOMERIC GASKET ENHANCED EMI SHIELDING	
			4 PLACES ± ---	± ---	CHECKED BY	DATE			
			3 PLACES ± ---	± ---	APPROVED BY	DATE			
			2 PLACES ± 0.13	± ---	SMILLER	2011/05/09	 MOLEX INCORPORATED		
			1 PLACE ± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 4 OF 4		
			ANGULAR ± 5 °		SEE SHEET 1			SD-76094-003	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						