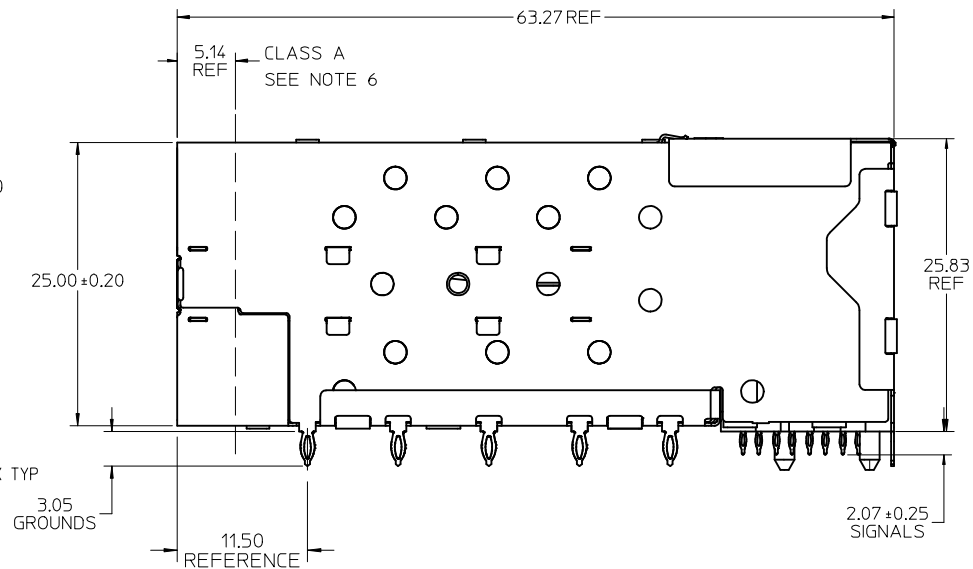
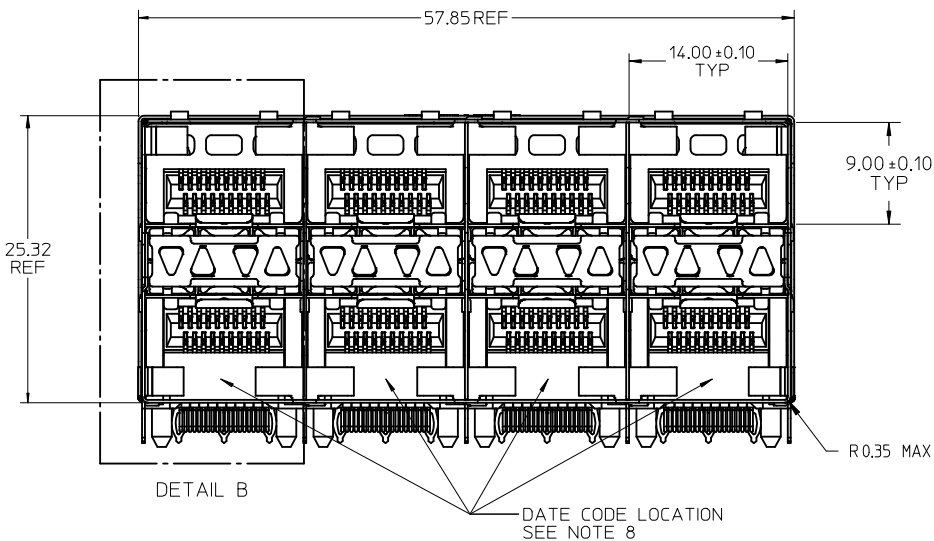




NOTES

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
 LIGHTPIPE HOUSING: ZINC
 LIGHTPIPER: POLYCARBONATE, COLOR: CLEAR

2. FINISHES:

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

COMPLIANT TAIL: 0.76 TO 1.52 MICROMETERS MATTE TIN OVER 0.76 MICROMETERS MINIMUM NICKEL.

LIGHTPIPE 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-75450-001 FOR ALL PACKAGING SPECIFICATIONS.

6. ALL EXTERIOR SURFACES TO BE CLASS "B" SURFACE EXCEPT THE UNDER SIDE OF THE CAGE (CLASS "C") WHERE THE PCB WOULD BE LOCATED AND AS OTHERWISE 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

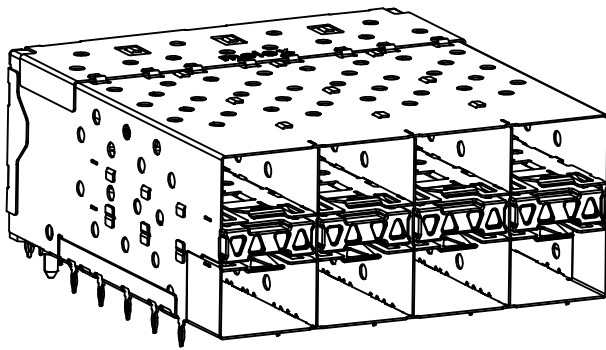
MX = MOLEX

A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE

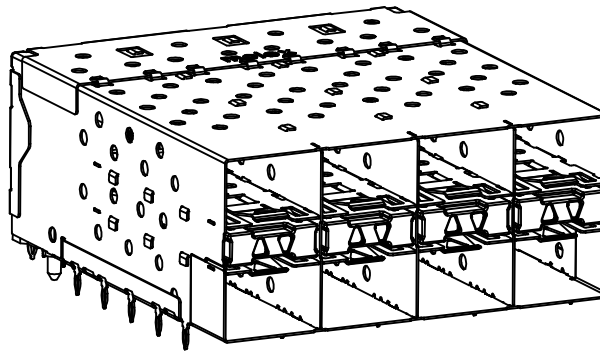
1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIFT

PART NUMBER	LIGHT PIPE CONFIGURATION - SEE SHEET 2	CAGE PLATING
76046-5901	4 LIGHT PORTS	NONE
	INNER 2 PORTS	NONE
	OUTER 2 PORTS	NONE

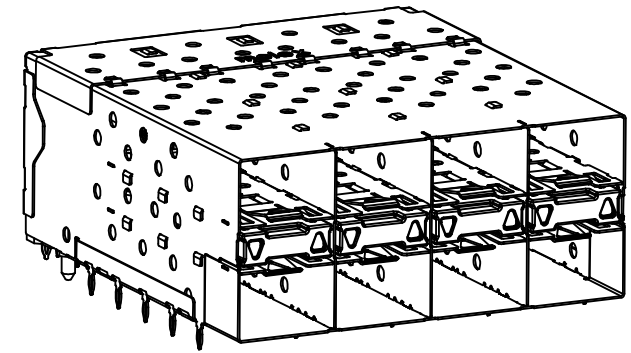
INITIAL RELEASE EC NO: UCP2014-0581 DRWN:BBARKER 2013/08/06 CHKD: APPR:SMILLER 2013/12/20	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY BBARKER	DATE 2013/08/06	TITLE STACKED SFP+ 2X4 ASS'Y NO GASKET/FLANGE WITH LIGHTPIPER molex DOCUMENT NO. RSD-76046-5900		
			4 PLACES	± ---	± ---	CHECKED BY TIBARRA	DATE 2013/08/08			
			3 PLACES	± ---	± ---	APPROVED BY SMILLER	DATE 2013/12/20			
			2 PLACES	± 0.13	± ---	MATERIAL NO.	SHEET NO. 1 OF 4			
			1 PLACE	± 0.25	± ---	SEE TABLE				
			0 PLACE	±	±	SIZE		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							



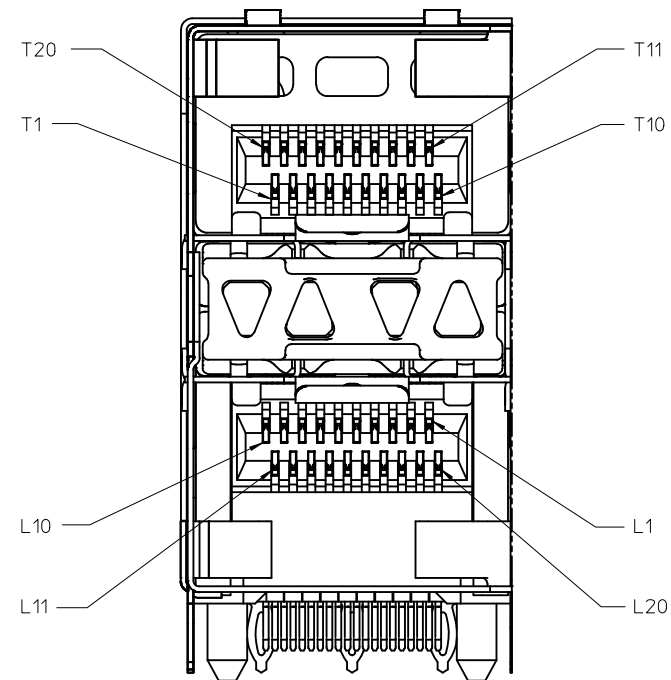
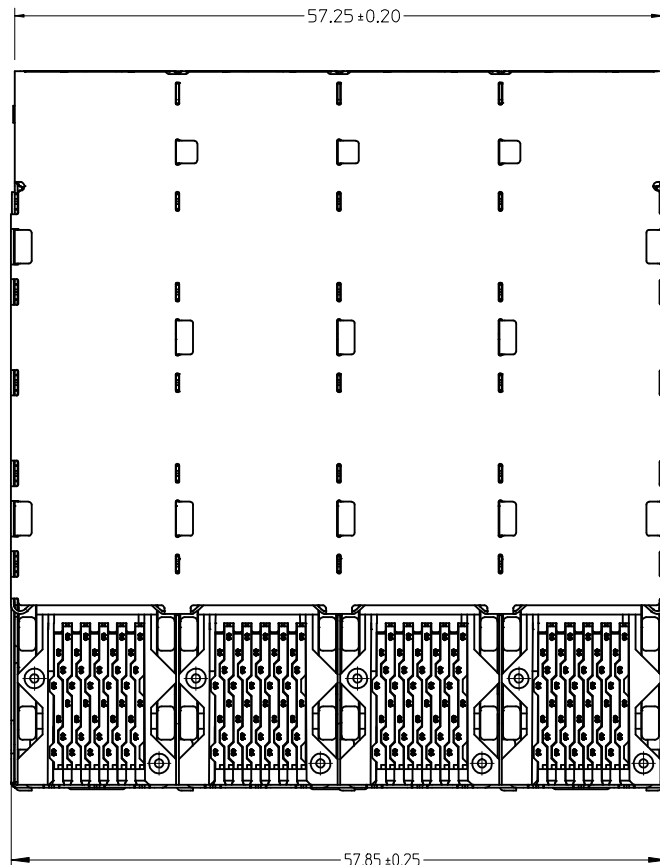
76046-5901
WITH INNER & OUTER LIGHTPIPE PORTS



WITH INNER LIGHTPIPE PORTS

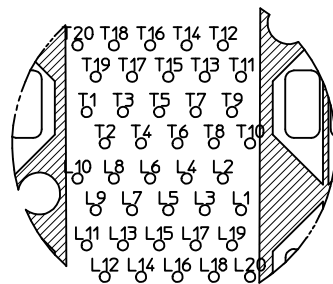


WITH OUTER LIGHTPIPE PORTS

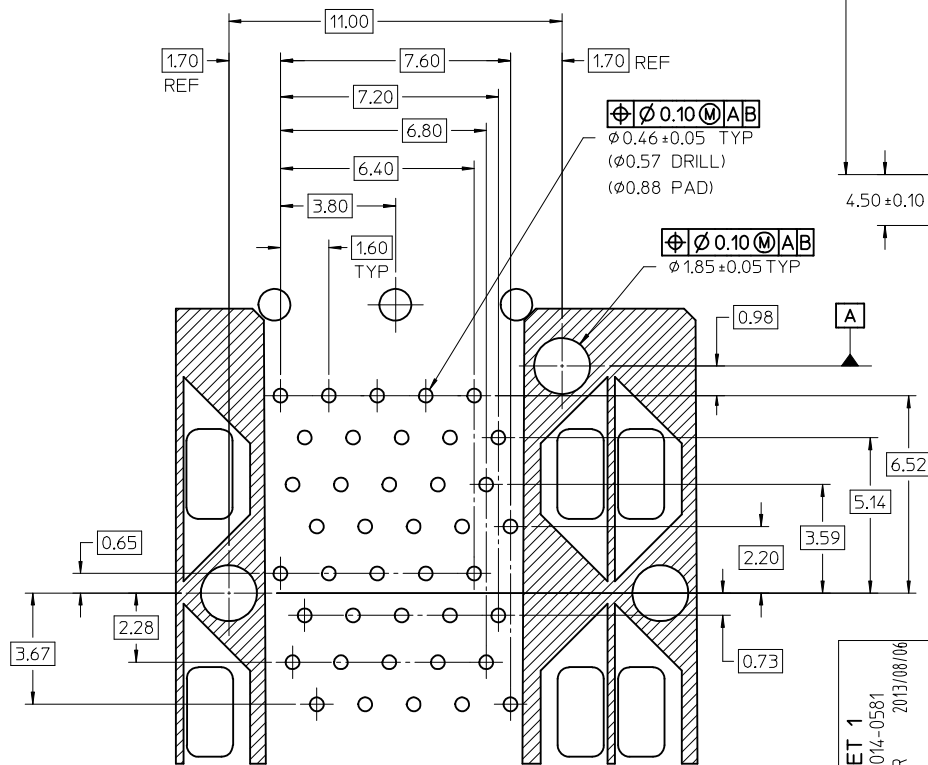


DETAIL B SCALE 6:1
CIRCUIT NUMBERING AND LIGHTPIPE IDENTIFICATION

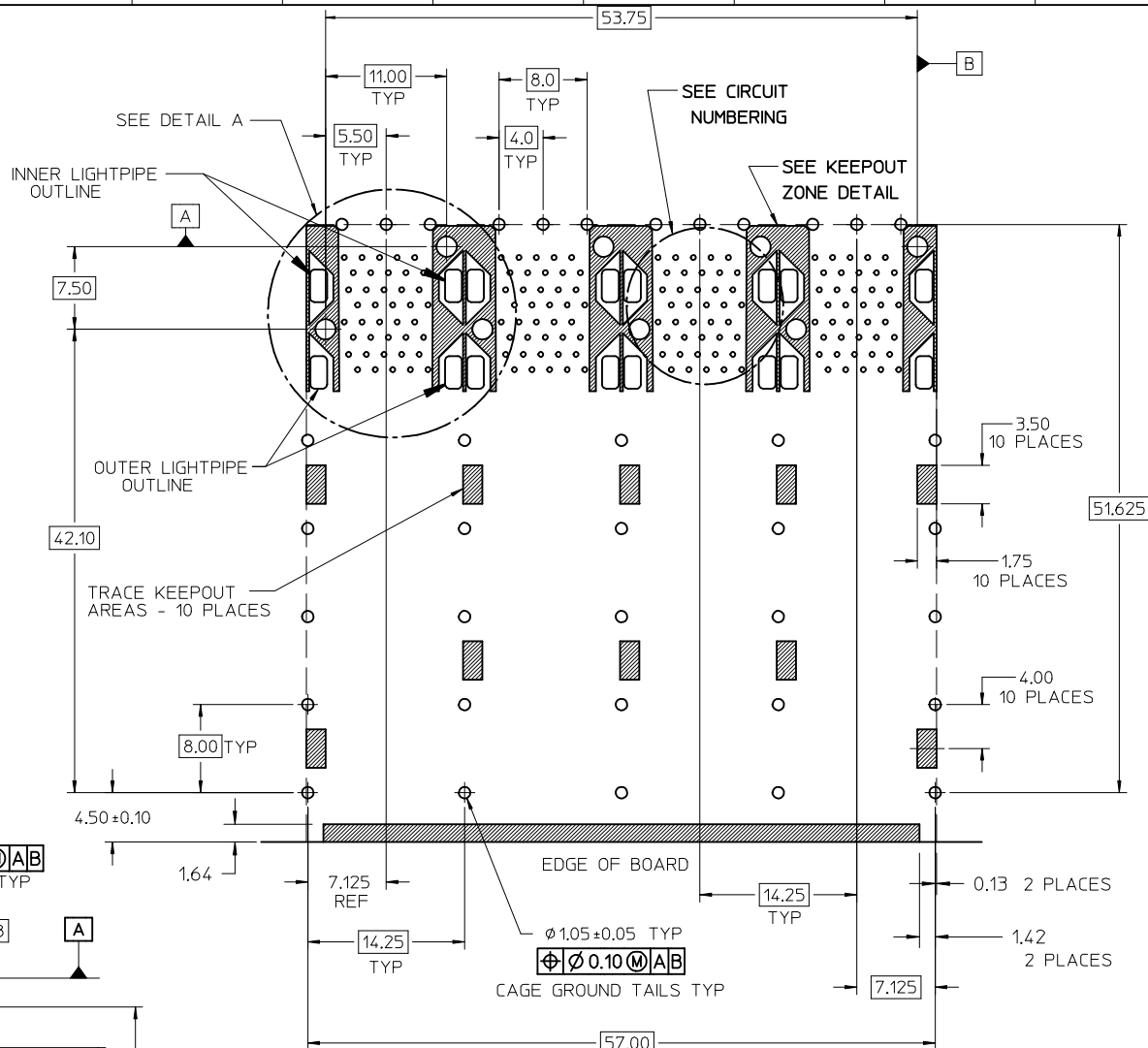
SEE SHEET 1 EC NO: UCP2014-0581 DRWN:BBARKER 2013/08/06 CHKD: APPR:SMILLER 2013/12/20 A	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm		INCH		DRAWN BY BBARKER		DATE 2013/08/06		TITLE STACKED SFP+ 2X4 ASS'Y NO GASKET/FLANGE WITH LIGHTPIPS molex	
				4 PLACES ± --- ± ---		3 PLACES ± --- ± ---		CHECKED BY		DATE			
				2 PLACES ± 0.13 ± ---		1 PLACE ± 0.25 ± ---		TIBARRA		2013/08/08			
				0 PLACE ± ±		APPROVED BY		DATE					
				ANGULAR ± 5 °		SMILLER		2013/12/20					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
								SEE TBL, SHT 1		RSD-76046-5900		2 OF 4	
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



CIRCUIT NUMBERING
COMPONENT SIDE OF BOARD



DETAIL A
SCALE 8:1



RECOMMENDED PCB LAYOUT - COMPONENT SIDE
MINIMUM PCB THICKNESS OF 1.57MM
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA INDICATED
BY THE DASHED LINE

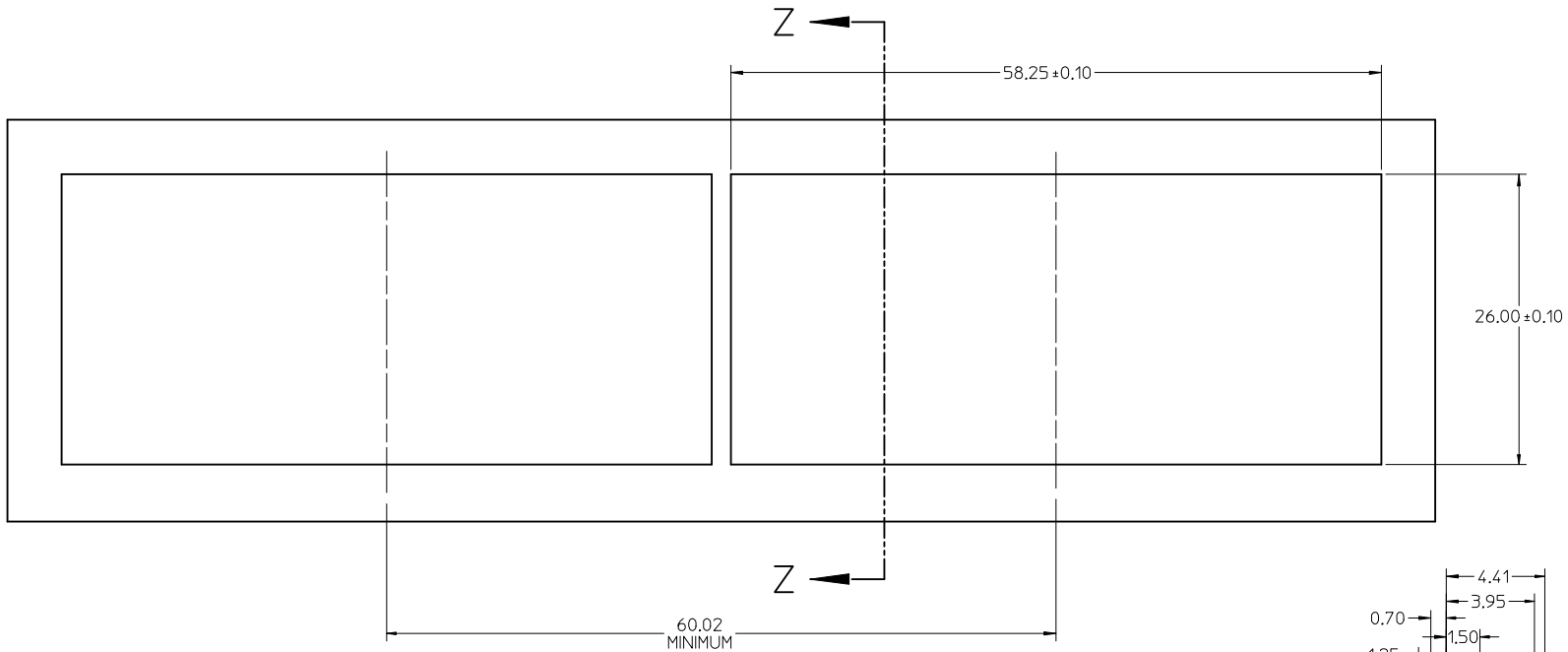
SEE SHEET 1
EC NO: UCP2014-0581
DRAWN: BBARKER 2013/08/06
CHKD: CHKD: 2013/12/20
APPR: MILLER

QUALITY SYMBOLS
▽=0
▽=0
▽=0

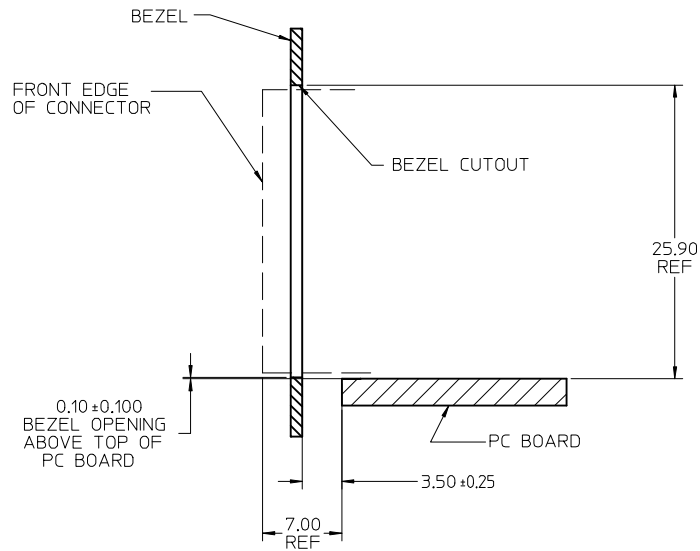
GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.13 ± ---
1 PLACE ± 0.25 ± ---
0 PLACE ± ±
ANGULAR ± 5°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
BBARKER 2013/08/06
CHECKED BY DATE
TIBARRA 2013/08/08
APPROVED BY DATE
MILLER 2013/12/20
MATERIAL NO.
SEE TBL. SHT 1
SIZE C

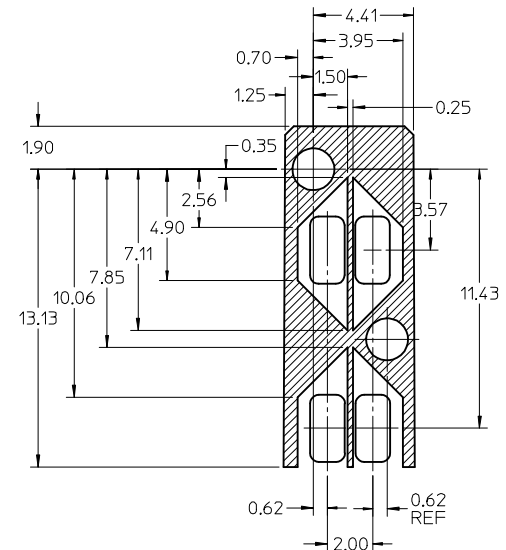
SCALE 3:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
STACKED SFP+ 2X4 ASS'Y
NO GASKET/FLANGE
WITH LIGHTPIPES
molex
DOCUMENT NO. RSD-76046-5900
SHEET NO. 3 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



BEZEL CUTOUT CENTER SPACING DETAIL
BEZEL THICKNESS 0.8-2.6

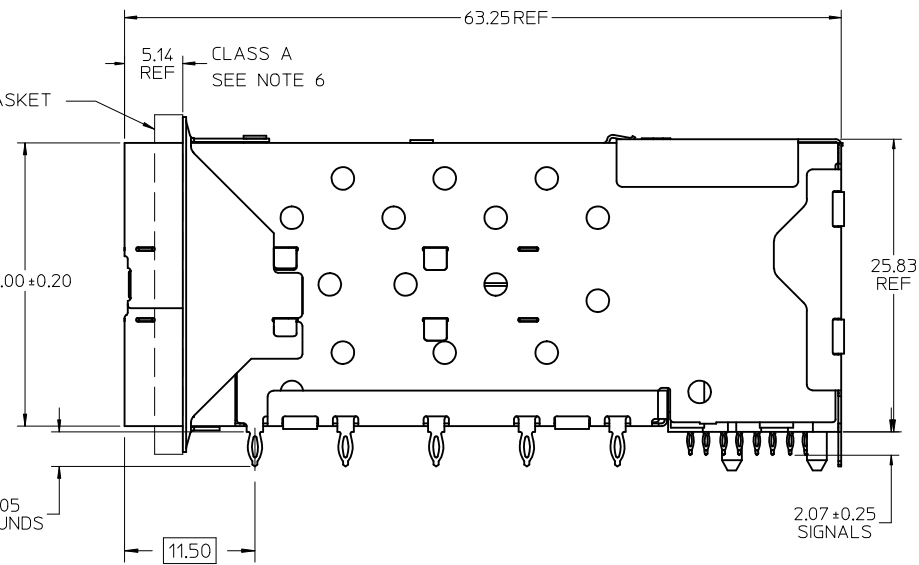
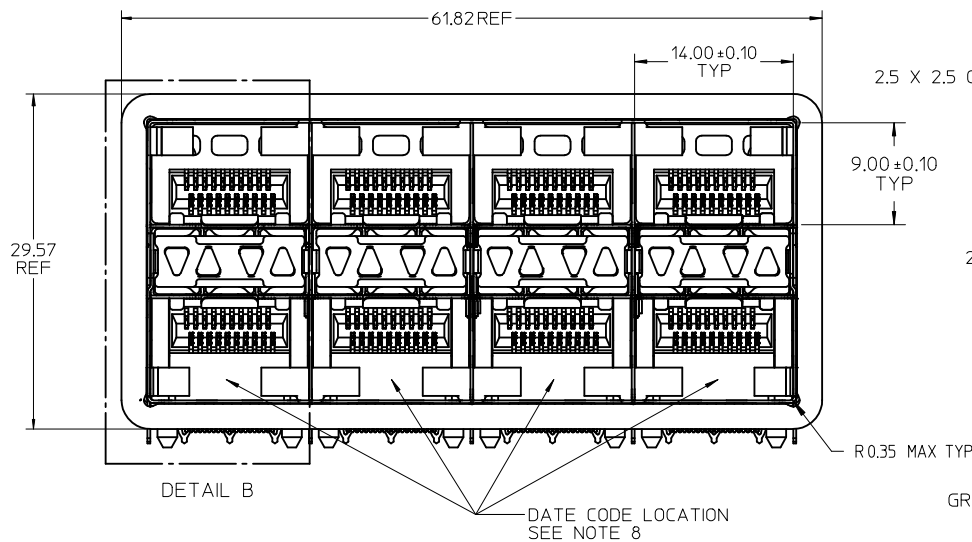


SECTION Z-Z



KEEP OUT ZONE DETAIL - LIGHTPIPE LOCATION AND OTHER ZONES
SCALE 6:1

SEE SHEET 1 EC NO: UCP2014-0581 DRWN:BBARKER 2013/08/06 CHKD: CHYKO: APPR:SMILLER 2013/12/20 REV A	DESCRIPTION	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 BBARKER	DATE 2013/08/06	TITLE STACKED SFP+ 2X4 ASS'Y NO GASKET/FLANGE WITH LIGHTPIPS	
			4 PLACES ± ---	± ---	CHECKED BY TIBARRA	DATE 2013/08/08			
			3 PLACES ± ---	± ---	APPROVED BY SMILLER	DATE 2013/12/20	molex		
			2 PLACES ± 0.13	± ---	MATERIAL NO.			DOCUMENT NO.	SHEET NO.
			1 PLACE ± 0.25	± ---	SEE TBL, SHT 1			RSD-76046-5900	4 OF 4
			0 PLACE ±	±	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									



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.

LIGHTPIPE HOUSING: 80 MICROMETERS MINIMUM NICKEL OVER COPPER

- REFER TO PS-75310-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
- LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW-PROFILE LED PACKAGE, FOR OTHER RECOMMENDED LAYOUTS REFER TO MOLEX'S REPORT TS-75310-001.
- REFER TO PK-75450-001 FOR ALL PACKAGING SPECIFICATIONS.
- ALL EXTERIOR SURFACES TO BE CLASS 'B' SURFACE 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.
- REFER TO AS-76090-001 FOR HIGH SPEED ROUTING RECOMMENDATIONS.
- DATE CODE LOCATION IS SHOWN ABOVE.

DATE CODE FORMAT: DDDY MX A1

DDD = DAY OF THE YEAR

Y = YEAR

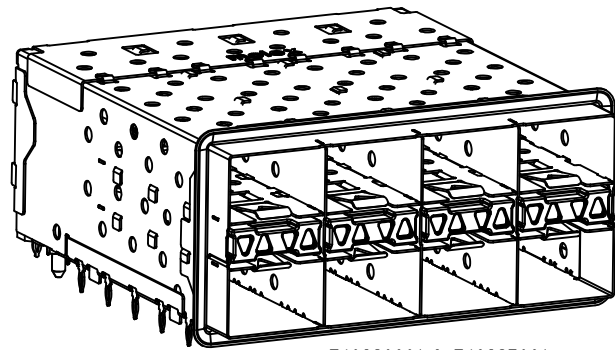
MX = MOLEX

A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE

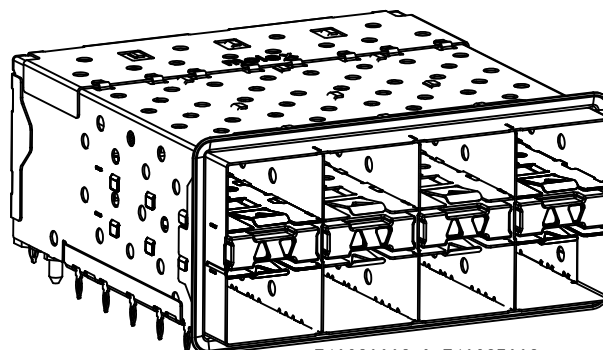
1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIFT

PART NUMBER	DESCRIPTION	VIEW	COMPLIANT TAIL PLATING	CAGE PLATING
760920001	4 LIGHT PORTS	SEE PG 2	MATTE TIN / LEAD	N/A
760920002	INNER 2 PORTS	SEE PG 2	MATTE TIN / LEAD	N/A
760920003	OUTER 2 PORTS	SEE PG 2	MATTE TIN / LEAD	N/A
760925001	4 LIGHT PORTS	SEE PG 2	MATTE TIN	N/A
760925002	INNER 2 PORTS	SEE PG 2	MATTE TIN	N/A
760925003	OUTER 2 PORTS	SEE PG 2	MATTE TIN	N/A

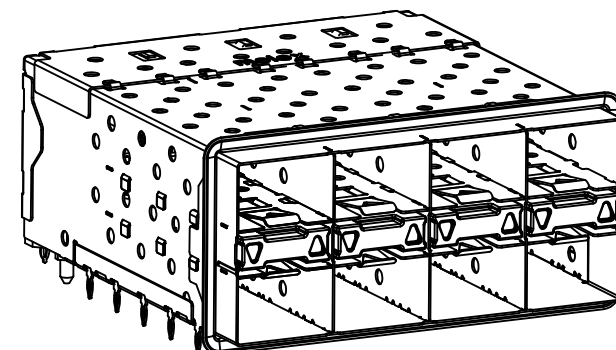
ADD NOTE 7 & 8 EC NO: UCP2011-2594 DRWN: MWOLFE 2011/02/28 CHKD: BBARKER 2011/02/28 APPR: SMILLER 2011/09/20	REVISION DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	STACKED SFP+ 2X4 ASS'Y WITH ELASTOMERIC GASKET AND LIGHTPIPES MOLEX INCORPORATED DOCUMENT NO. SD-76092-001	SHEET NO. 1 OF 4
				mm	INCH	DRAWN BY JLONG	DATE 01-26-2007	TITLE			
			4 PLACES ± ---	± ---	CHECKED BY MSANDBERG	DATE 01-26-2007					
			3 PLACES ± ---	± ---	APPROVED BY RNELSON	DATE 01-26-2007					
			2 PLACES ± 0.13	± ---	MATERIAL NO.	DOCUMENT NO.					
			1 PLACE ± 0.25	± ---	SEE TABLE						
			ANGULAR ± 5 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



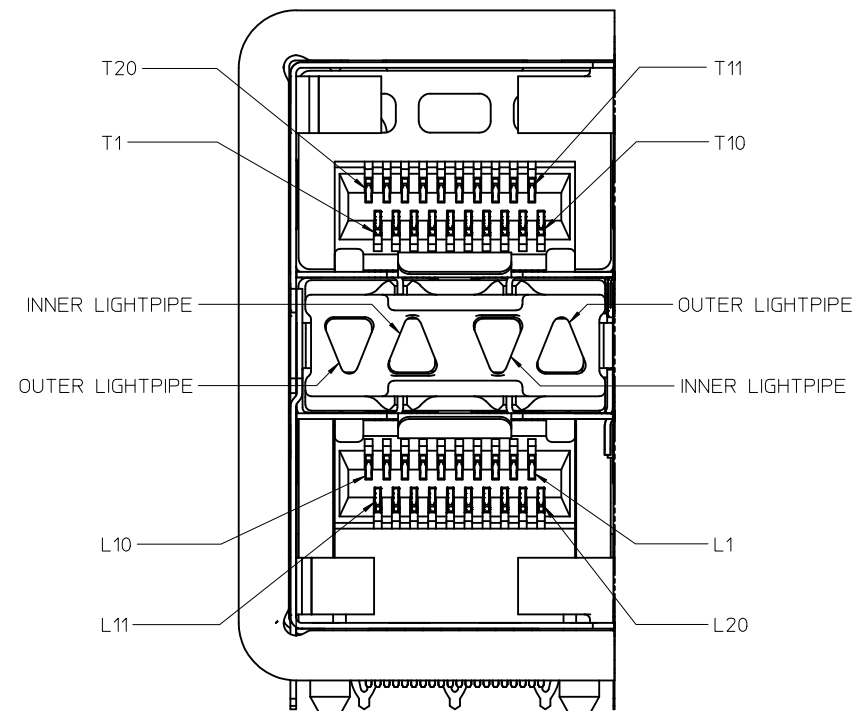
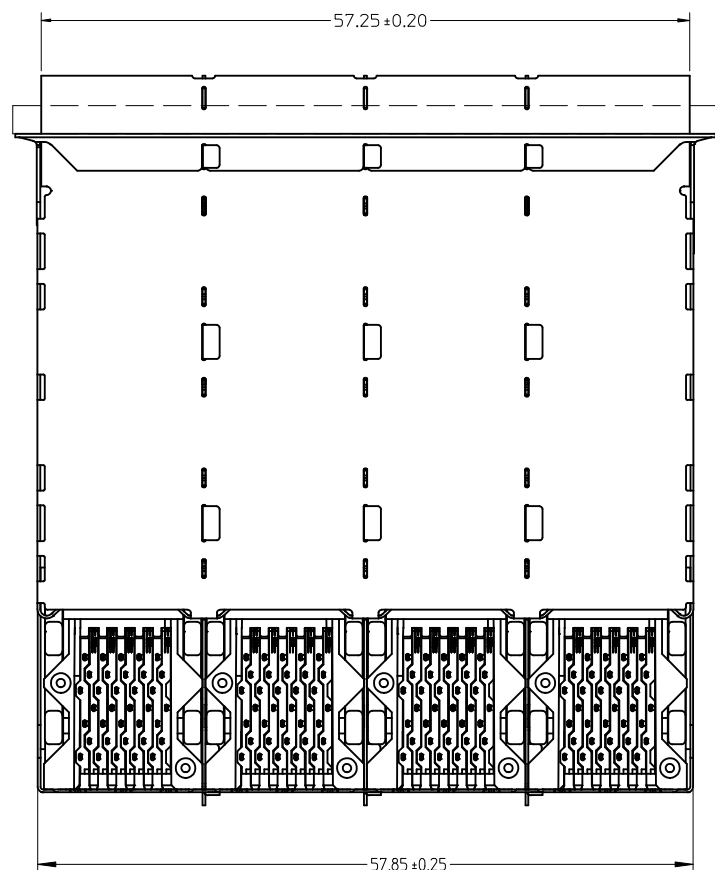
760920001 & 760925001
WITH INNER & OUTER LIGHTPIPE PORTS



760920002 & 760925002
WITH INNER LIGHTPIPE PORTS

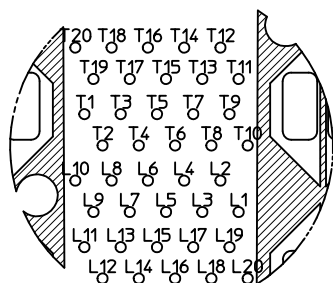


760920003 & 760925003
WITH OUTER LIGHTPIPE PORTS

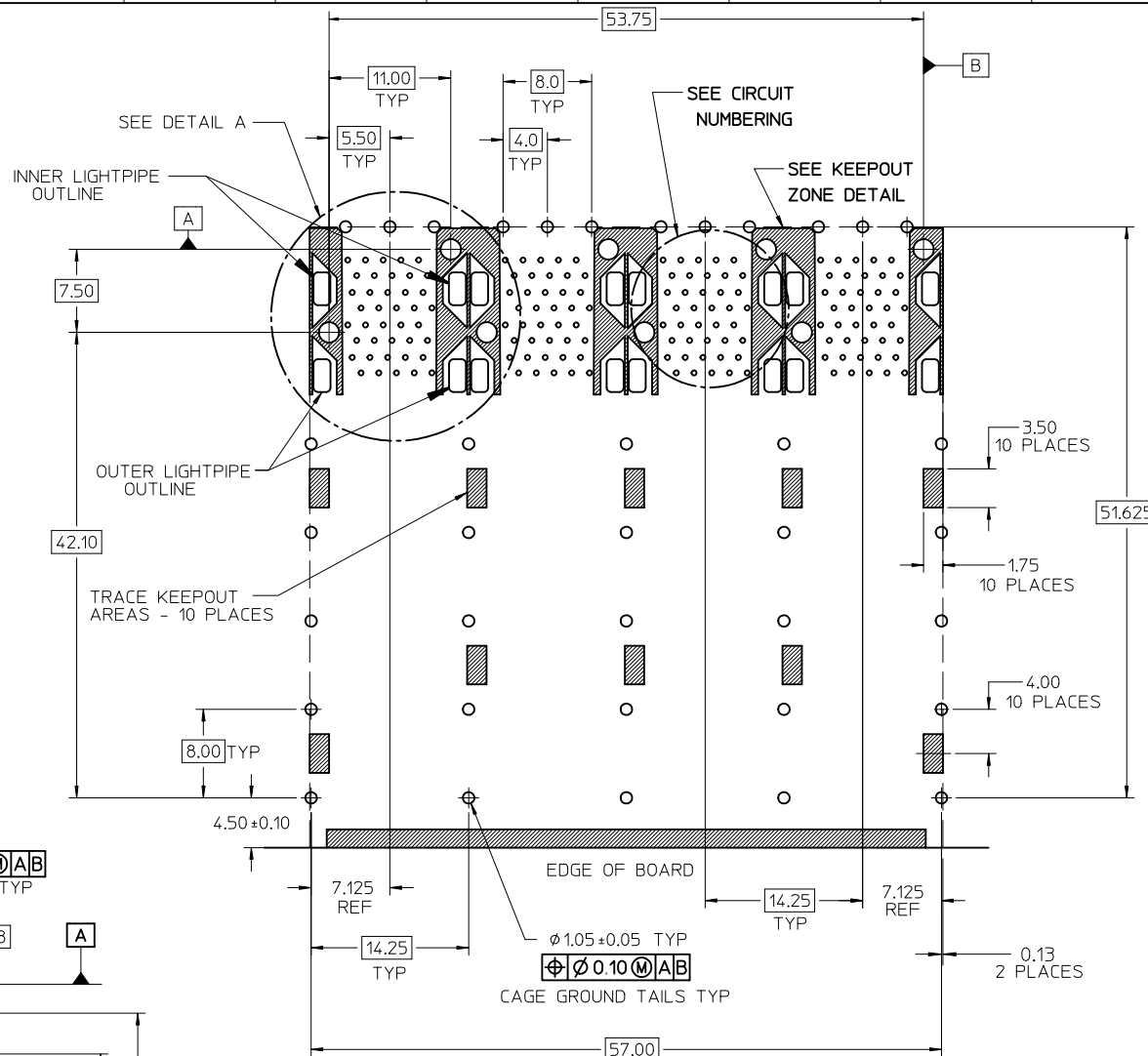


DETAIL B SCALE 6:1
CIRCUIT NUMBERING AND LIGHTPIPE IDENTIFICATION

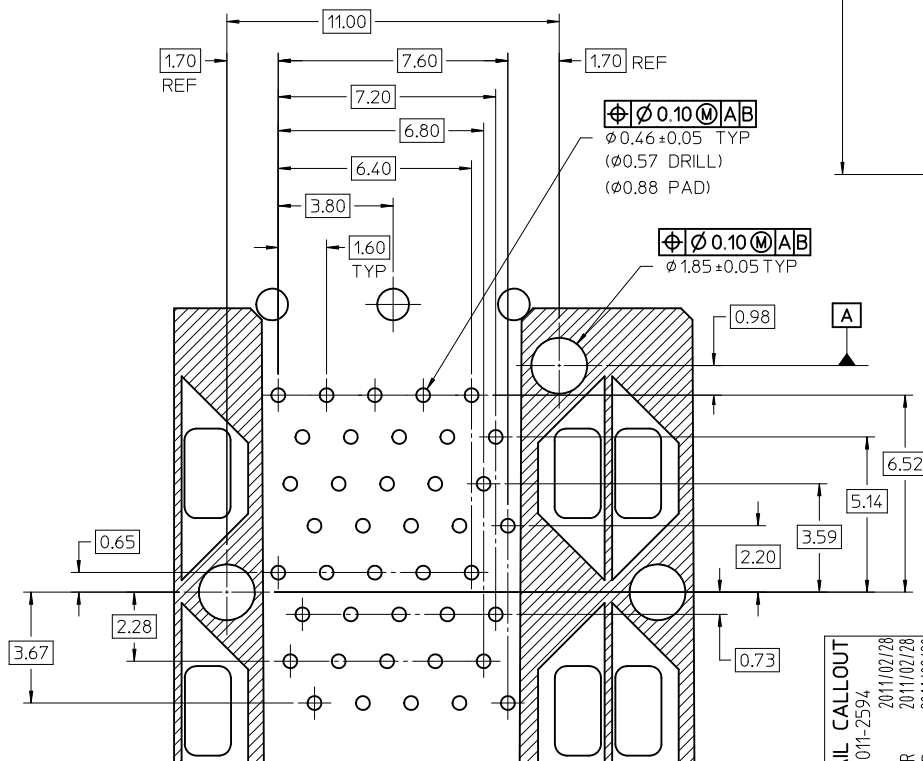
ADD DETAIL B EC NO: UCP2011-2594 DRWN:WOLFE 2011/02/28 CHKD:BBARKER 2011/02/28 APPR:SMILLER 2011/09/20	DESCRIPTION REV	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY JLONG	DATE 01-26-2007	TITLE STACKED SFP+ 2X4 ASS'Y WITH ELASTOMERIC GASKET AND LIGHTPIPER MOLEX INCORPORATED	
			4 PLACES	± .00	± .00	CHECKED BY MSANDBERG	DATE 01-26-2007		
			3 PLACES	± .00	± .00	APPROVED BY RNELSON	DATE 01-26-2007		
			2 PLACES	± 0.13	± .00	MATERIAL NO.	DOCUMENT NO.		
			1 PLACE	± 0.25	± .00	SEE TABLE			
			ANGULAR ± 5 °						
			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		



CIRCUIT NUMBERING
COMPONENT SIDE OF BOARD

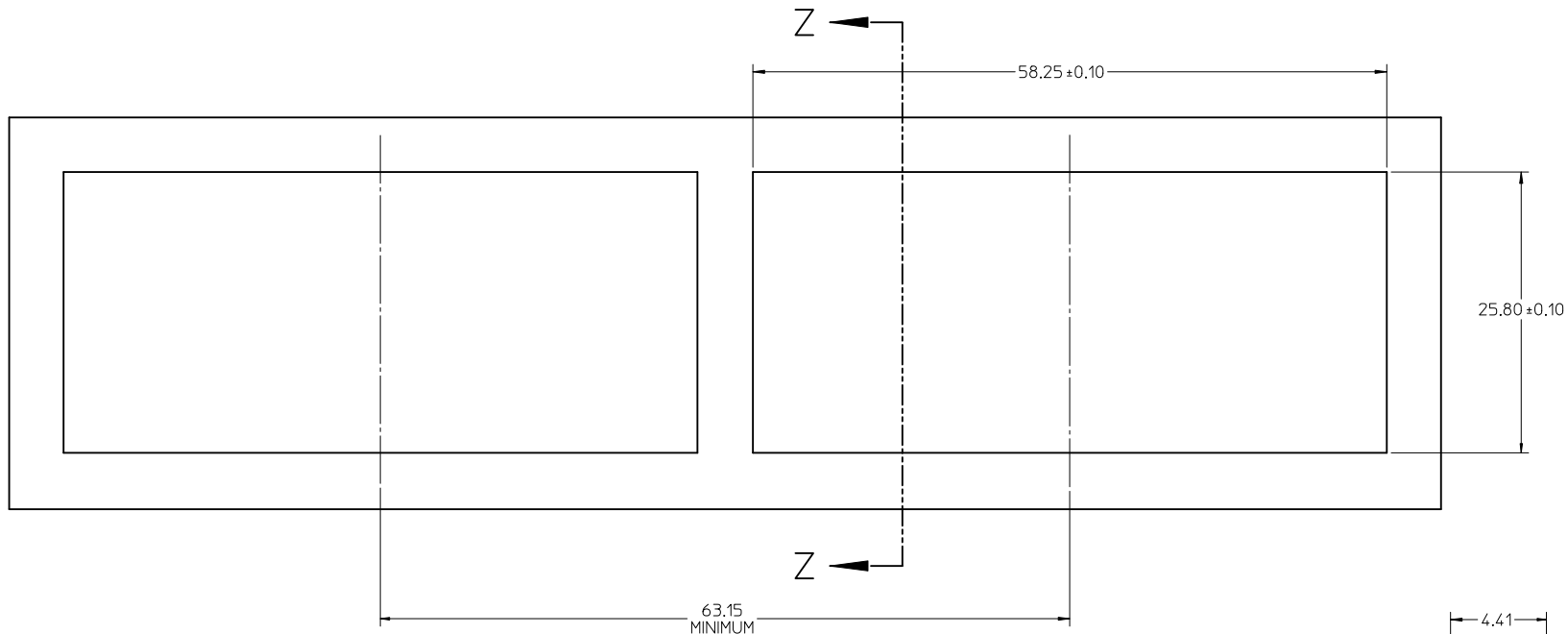


RECOMMENDED PCB LAYOUT - COMPONENT SIDE
MINIMUM PCB THICKNESS OF 1.57MM
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA INDICATED
BY THE DASHED LINE

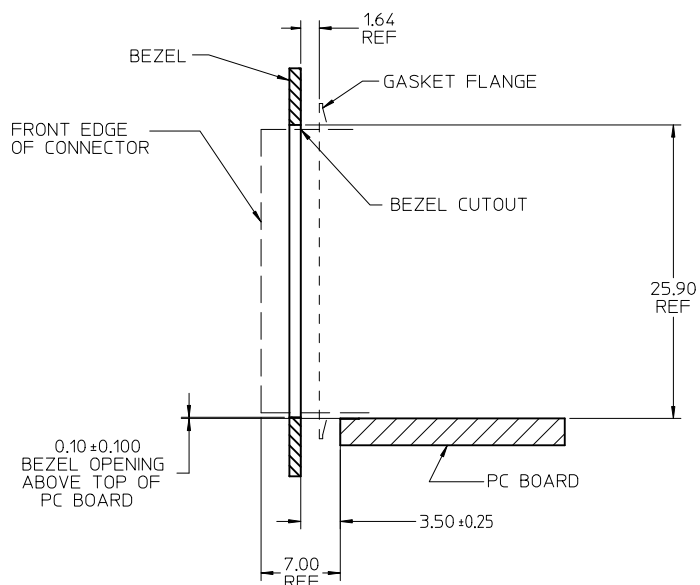


DETAIL A
SCALE 8:1

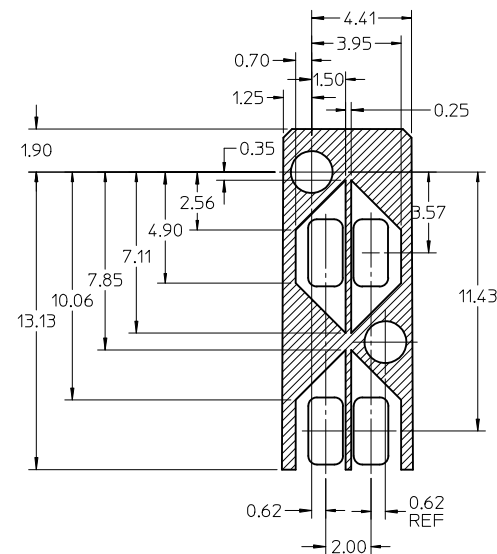
CHG DETAIL CALLOUT EC NO: UCP2011-2594 DRAWN: MWOLF CHKD: BARKER APPR: MILLER 2011/02/28 2011/02/28 2011/09/20	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JLONG	DATE 01-26-2007	TITLE STACKED SFP+ 2X4 ASS'Y WITH ELASTOMERIC GASKET AND LIGHTPIPES					
			4 PLACES	± ---	± ---	CHECKED BY MSANDBERG	DATE 01-26-2007						
			3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 01-26-2007	molex MOLEX INCORPORATED					
			2 PLACES	± 0.13	± ---	MATERIAL NO.	DOCUMENT NO.						SD-76092-001
			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							SEE TABLE	



BEZEL CUTOUT CENTER SPACING DETAIL
BEZEL THICKNESS 0.8-2.6



SECTION Z-Z



KEEP OUT ZONE DETAIL - LIGHTPIPE LOCATION AND OTHER ZONES
SCALE 6:1

DELETE MIDDLE BEZEL DIM EC NO: UCP2011-2594 DRAWN: MWOLFE 2011/02/28 CHKD: HBARKER 2011/02/28 APPR: SMILLER 2011/09/20	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	STACKED SFP+ 2X4 ASS'Y WITH ELASTOMERIC GASKET AND LIGHTPIPES MOLEX INCORPORATED SD-76092-001	SHEET NO. 4 OF 4		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY JLONG	DATE 01-26-2007	TITLE					
				4 PLACES ± ---	± ---	CHECKED BY MSANDBERG	DATE 01-26-2007						
				3 PLACES ± ---	± ---	APPROVED BY RNELSON	DATE 01-26-2007						
				2 PLACES ± 0.13	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-76092-001						
			1 PLACE ± 0.25	± ---	ANGULAR ± 5 °		MOLEX						