



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!



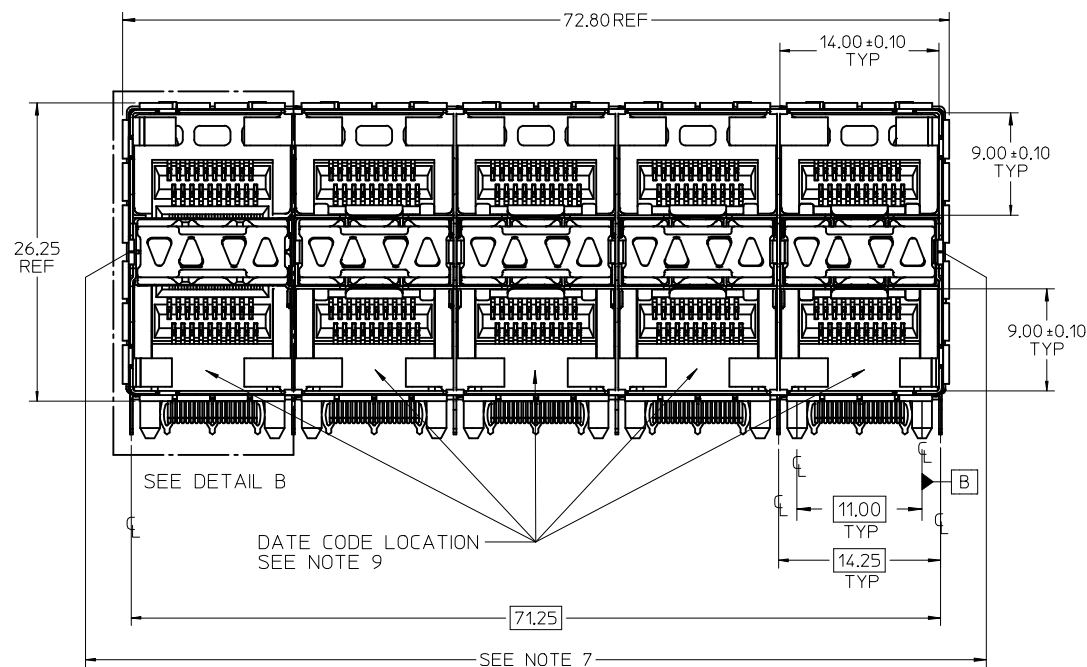
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PART NUMBER	DESCRIPTION	VIEW	COMPLIANT TAIL PLATING
760470001	4 LIGHT PORTS	SEE PG 2	MATTE TIN / LEAD
760470002	INNER 2 PORTS	SEE PG 2	MATTE TIN / LEAD
760470003	OUTER 2 PORTS	SEE PG 2	MATTE TIN / LEAD
760475001	4 LIGHT PORTS	SEE PG 2	MATTE TIN
760475002	INNER 2 PORTS	SEE PG 2	MATTE TIN
760475003	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

FMI GASKET: CONDUCTIVE

LIGHPIPE HOUSING: ZINC

LIGHTPIPES: POLYCARBONATE

LIGHTPIPES: POLYCARBONATE, COLOR: CLEAR  
FINISHES:

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 152 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

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-75733-001 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. THE OVERALL CAGE WIDTH AT THE VERTICAL CENTER OF THE FRONT EDGE WILL FALL WITHIN THIS DIMENSION:  $72.05 \pm 0.30$  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

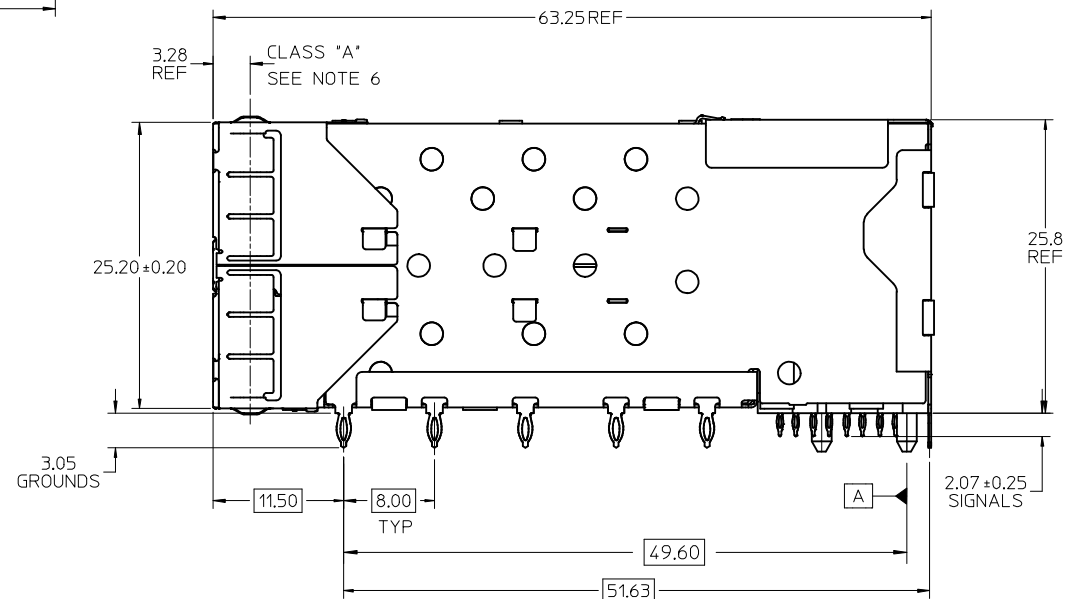
DDD = DAY OF THE YEAR

Y = YEAR

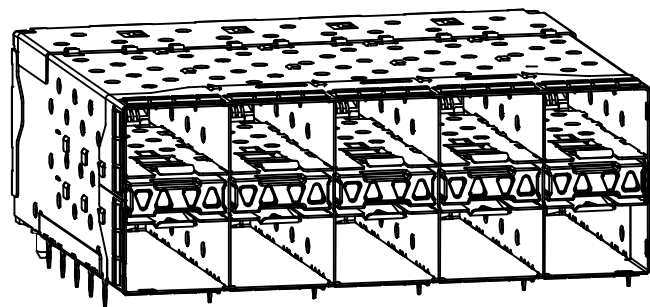
MX = MOLEX

A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE

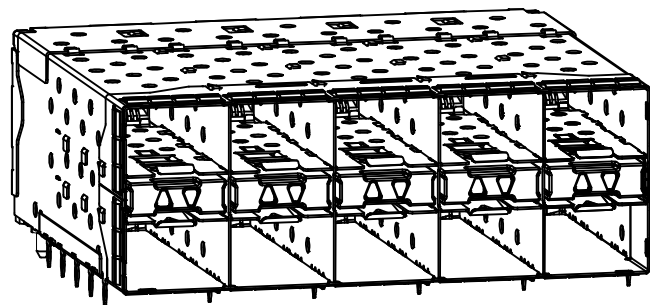
1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIF



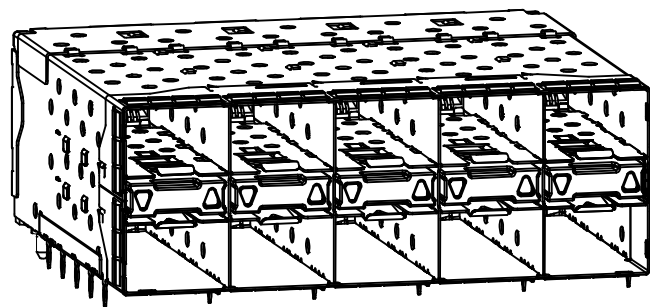
REMOVED 6TH PIN FROM VIEWS EC NO: UCP2014-4422 DRWN:HJPPLE 2014/04/24 CHKD:BARKER 2014/04/24 APPR:SMILLER 2014/05/08	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																												
		F=0 C=0 H=0	<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	0 PLACE	±	±	<table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>MSANDBERG</td><td>10/16/2006</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>JLONG</td><td>10/16/2006</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>RNELSON</td><td>10/16/2006</td></tr></table>	DRAWN BY	DATE	MSANDBERG	10/16/2006	CHECKED BY	DATE	JLONG	10/16/2006	APPROVED BY	DATE	RNELSON	10/16/2006	TITLE STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET AND LIGHTPIPES		
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76047-001		1 OF 4																															
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																			



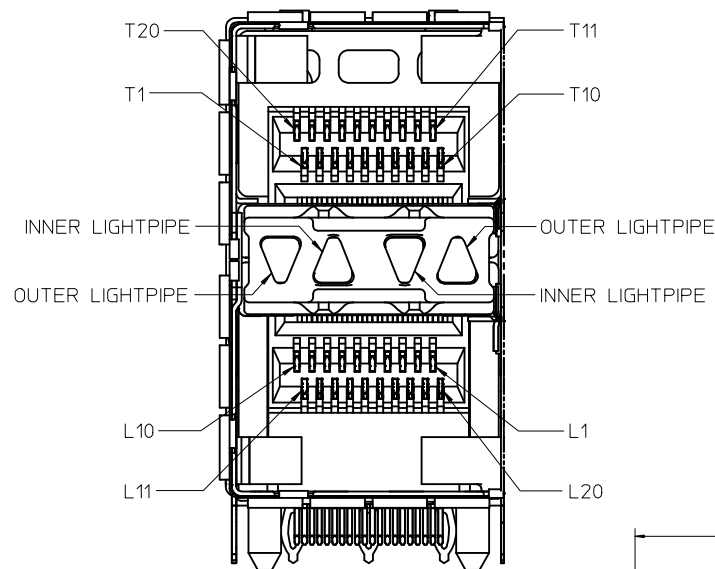
760470001 AND 760475001  
WITH INNER AND OUTER LIGHTPIPES



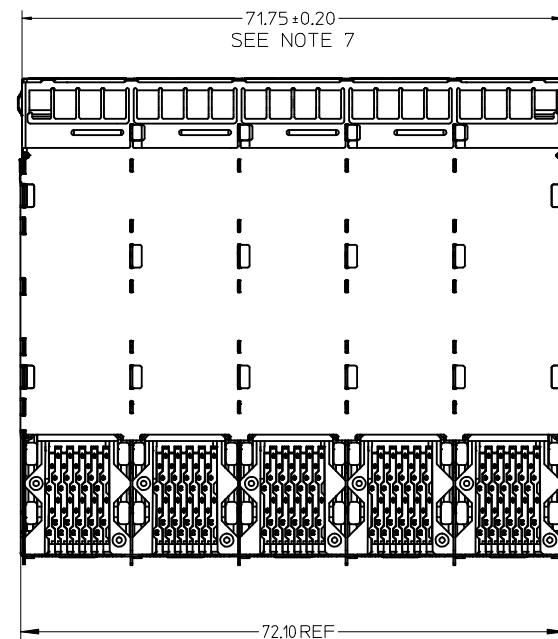
760470002 AND 760475002  
WITH INNER LIGHTPIPES




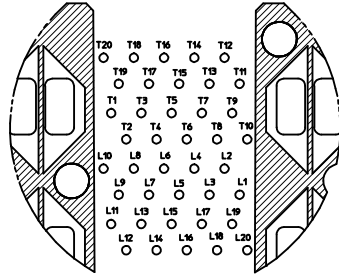
760470003 AND 760475003  
WITH OUTER LIGHTPIPES



CIRCUIT NUMBERING  
AND LIGHTPIPE  
IDENTIFICATION  
DETAIL B  
SCALE 5:1



SEE SHEET 1	EC NO: UCP2014-4422 DRAWN: WHIPPLE 2014/04/24 CHKD: BARKER 2014/04/24 APPR: SMILLER 2014/05/08	DESCRIPTION	QUALITY SYMBOLS  ▽=0  ▽=0  ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY MSANDBERG	DATE 10/16/2006	TITLE  STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET AND LIGHTPIPES  <b>molex</b>	
				4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 10/16/2006		
				3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 10/16/2006		
				2 PLACES	± 0.13	± ---				
	1 PLACE	± 0.25	± ---							
	0 PLACE	±	±							
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-76047-001		
		REV				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



CIRCUIT NUMBERING  
SCALE 5:1

SEE DETAIL A  
INNER LIGHTPIPE  
OUTLINE - TYP

7.50 TYP

OUTER LIGHTPIPE  
OUTLINE - TYP

42.10 TYP

TRACE KEEPOUT  
AREAS - 12 PLACES

8.00 TYP

4.50 ± 0.10

Ø 0.10 (M) AB

Ø 1.85 ± 0.05  
TYP

0.98

6.52

5.14

3.59

2.20

0.73

Ø 0.10 (M) AB

Ø 0.46 ± 0.05 TYP  
(Ø 0.57 DRILL)  
(Ø 0.88 PAD)

DETAIL A  
SCALE 8:1

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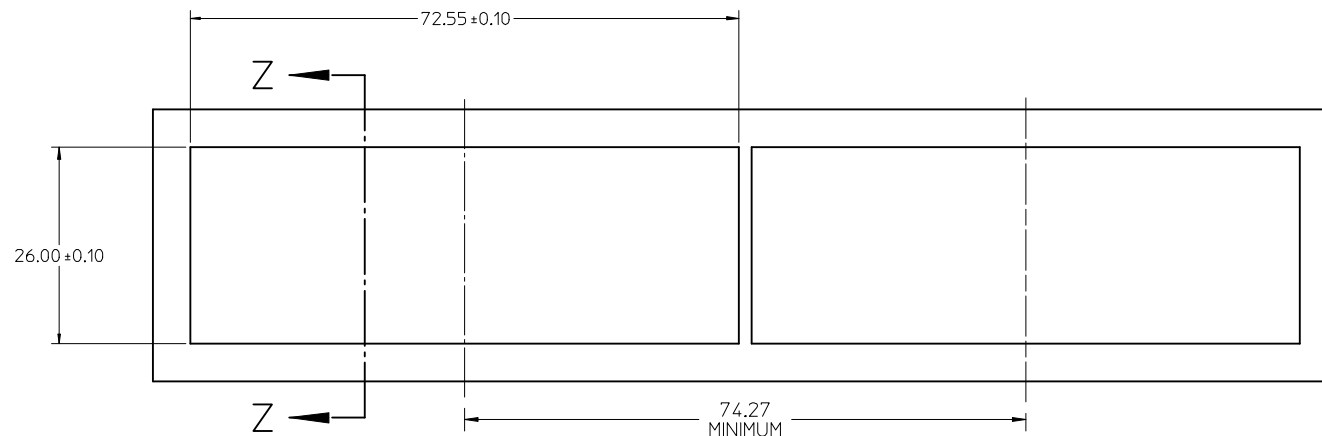
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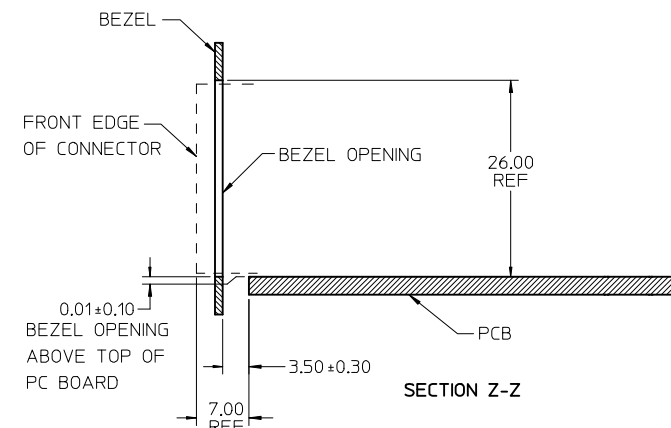
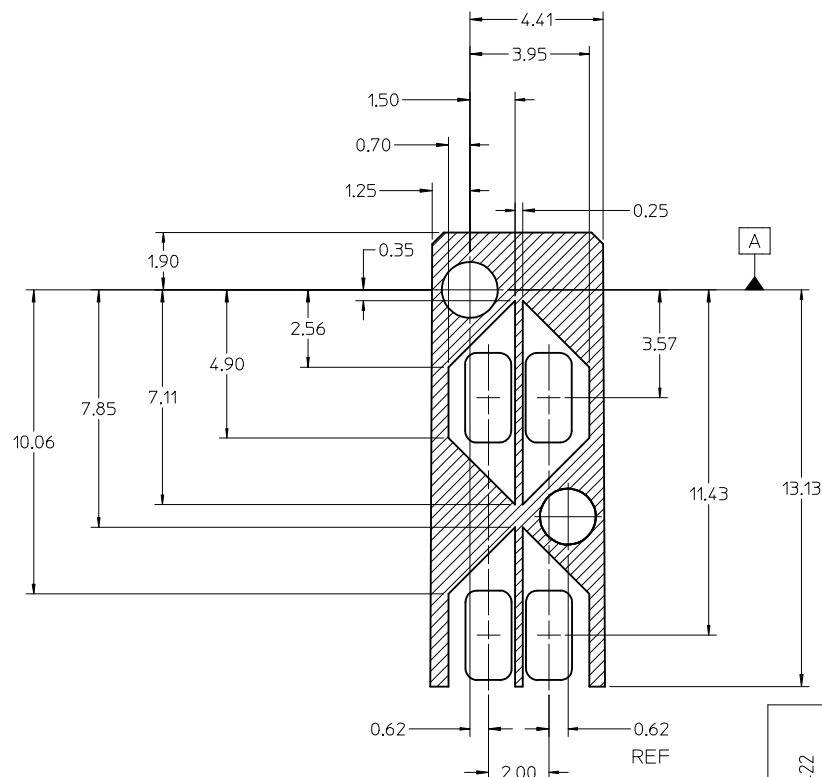
0.98

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BEZEL CUTOUT CENTER SPACING DETAIL  
BEZEL THICKNESS 0.8-2.6



KEEP OUT ZONE DETAIL - LIGHTPIPE LOCATION AND OTHER ZONES  
SCALE 8:1

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

SEE SHEET 1  
EC NO: UCP2014-4422  
DRAWN: WHIPPLE 2014/04/24  
CHKD: BARKER 2014/04/24  
APPR: MILLER 2014/05/08

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 ±1/2°  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE IN/MM  
DRAWN BY DATE  
MSANDBERG 10/16/2006  
CHECKED BY DATE  
JLONG 10/16/2006  
APPROVED BY DATE  
RNELSON 10/16/2006  
MATERIAL NO.  
SEE SHEET 1

SCALE 2:1  
DESIGN UNITS INCH  
THIRD ANGLE PROJECTION  
TITLE  
STACKED SFP+ 2X5 ASS'Y  
WITH METAL EMI GASKET  
AND LIGHTPIPS  
molex  
DOCUMENT NO. SD-76047-001  
SHEET NO. 4 OF 4  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION