

Excellent Integrated System Limited

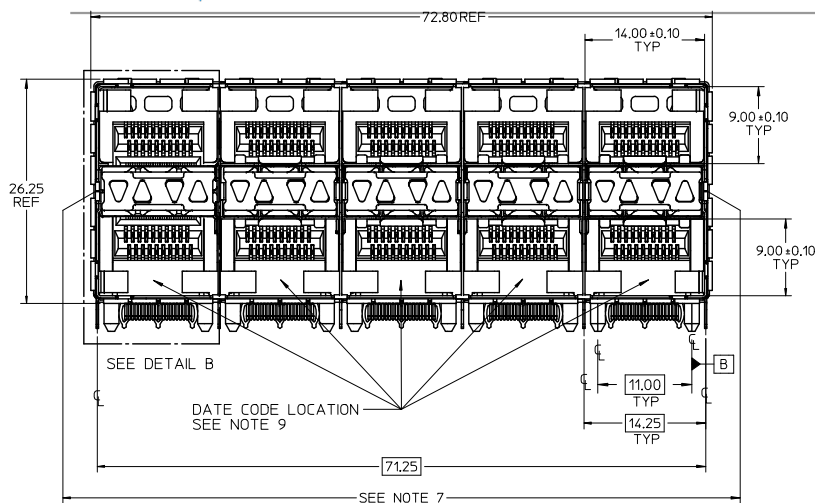
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0760475002](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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
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.
HTPIPE 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.

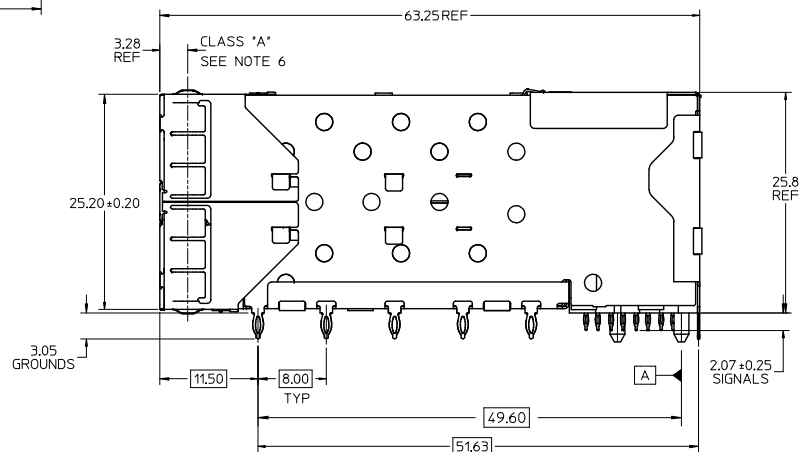
6. ALL EXTERIOR SURFACES TO BE CLASS 'B' SURFACES EXCEPT THE UNDER SIDE OF THE CAGE WHERE THE PCB WOULD BE LOCATED AND AS NOTED. THE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.
7. THE OVERALL CAGE WIDTH AT THE VERTICAL CENTER OF THE FRONT EDGE WILL FALL WITHIN THIS DIMENSION: 72.05+/-0.30 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.

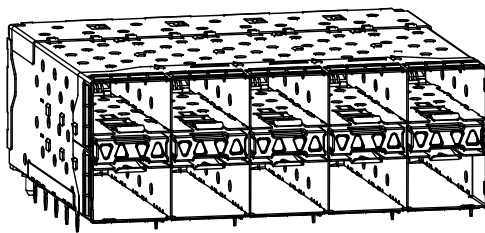
DATE CODE FORMAT: DDDY MX A1
DDD = DAY OF THE YEAR

Y = YEAR
MX = MOLEX

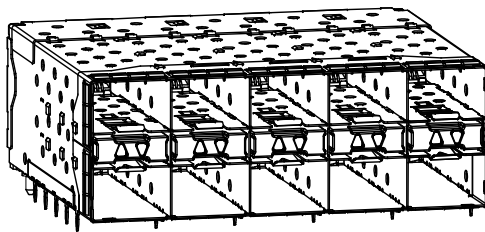
A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE
1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIFT



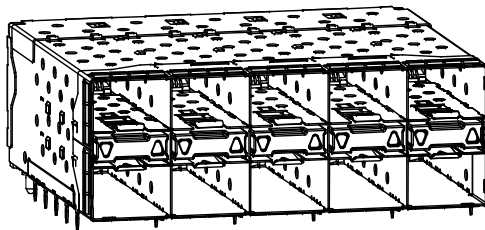
REMOVED 6TH PIN FROM VIEWS EC NO: UCT2016-4-422 DRAWN BY HIPPLE 2016/07/24 CHECKED BY BARKER 2016/07/24 APPROVED BY MILLER 2016/07/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	 	4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$ --- 2 PLACES ± 0.13 $\pm$ --- 1 PLACE ± 0.25 $\pm$ --- 0 PLACE $\pm$ $\pm$ ---	mm	INCH	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 LIGHTPIPS molex	
		ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		DOCUMENT NO.	SHEET NO. 1 OF 4	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76047-001		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



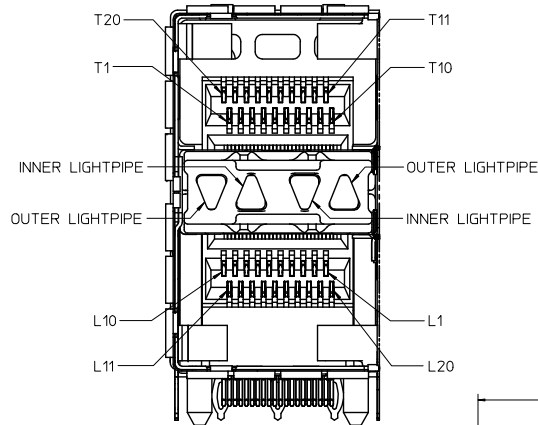
760470001 AND 760475001
WITH INNER AND OUTER LIGHTPIPES



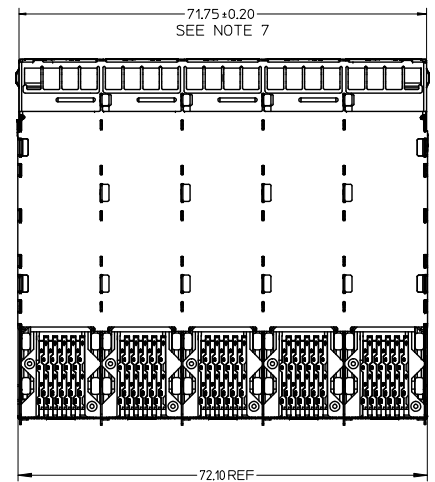
760470002 AND 760475002
WITH INNER LIGHTPIPES



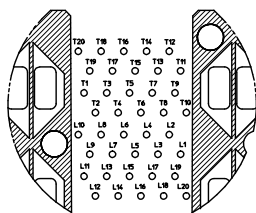
760470003 AND 760475003
WITH OUTER LIGHTPIPES



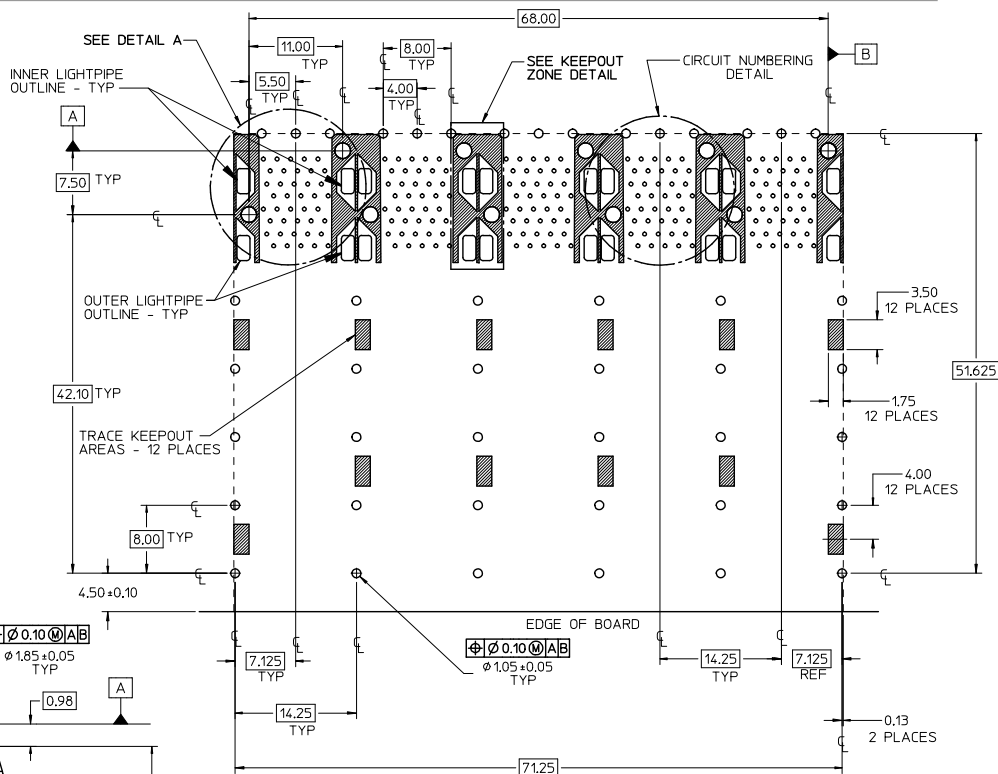
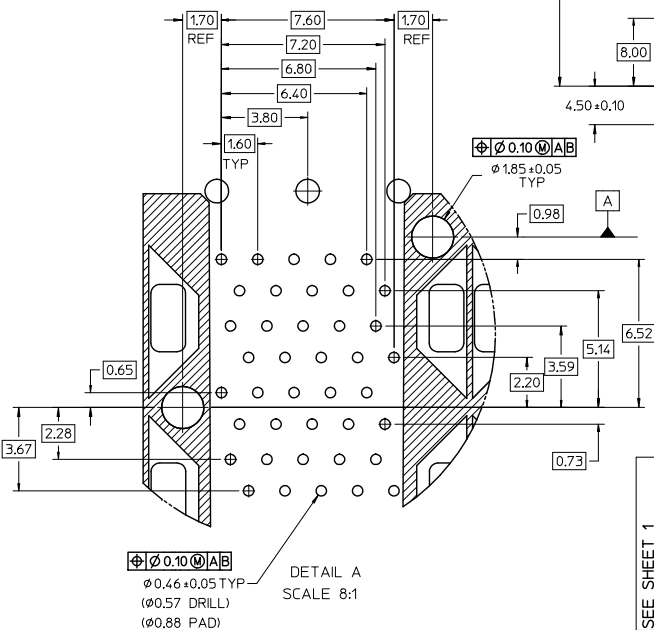
CIRCUIT NUMBERING
AND LIGHTPIPE
IDENTIFICATION
DETAIL B
SCALE 5:1



SEE SHEET 1 EC NO: UCP2014-4422 DRAWN BY: HPLE CHKD BY: BKMR APPR. BY: SWLLR 2014/04/24 2014/04/24 2014/04/28	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET AND LIGHTPIPES molex
							IN/MM		2:1	INCH		
			mm		INCH		DRAWN BY	DATE	TITLE			
			4 PLACES	±	---	---	MSANDBERG	10/16/2006				
			3 PLACES	±	---	---	CHECKED BY	DATE				
			2 PLACES	±	---	---	JLONG	10/16/2006				
			1 PLACE	±	0.13	---	APPROVED BY	DATE				
0 PLACE	±	0.25	---	RNELSON	10/16/2006							
ANGULAR ±1/2°				MATERIAL NO.		DOCUMENT NO.		SD-76047-001		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE SHEET 1						2 OF 4		
REV	SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

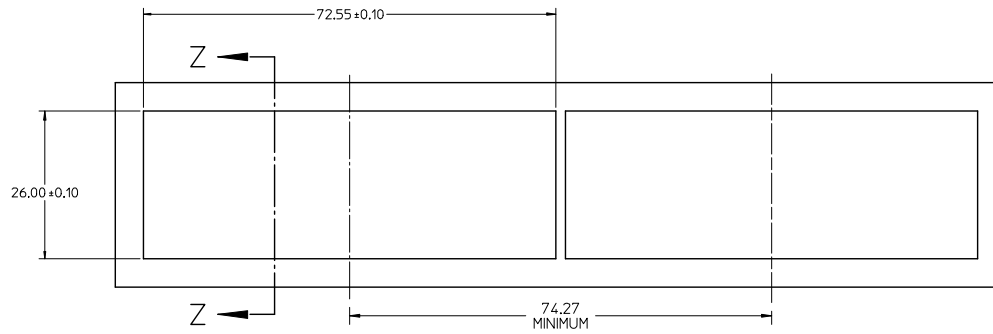


CIRCUIT NUMBERING
SCALE 5:1

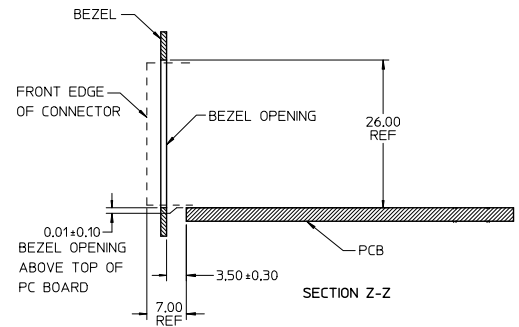
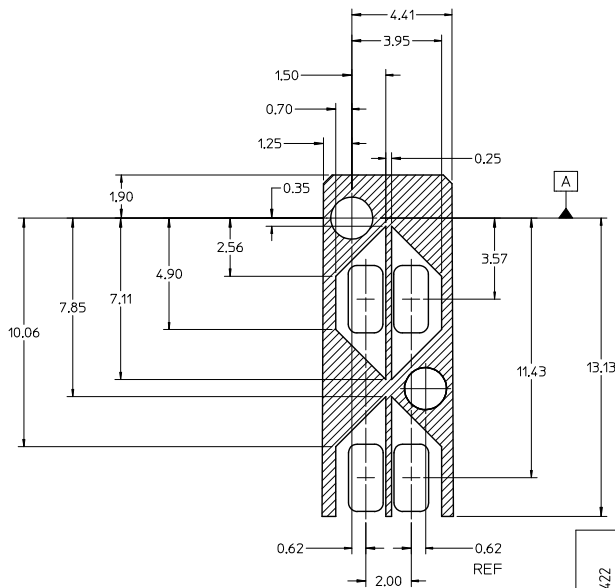


RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (0.93 INCH)
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP-OUT AREA FOR COMPONENT'S
(OTHER THAN LIGHTPIPE LED'S)
THIS AREA IS INDICATED BY THE DASHED LINE

SEE SHEET 1 EC NO: UC20204-4422 DRAWN BY: HPLE CHECKED BY: BARBER APPROVED BY: MILLER 2014/07/24 2014/07/24 2014/07/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				IN/MM		3:1	INCH			
		4 PLACES	±	±	DRAWN BY	DATE	STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET AND LIGHTPIPS molex			
		3 PLACES	±	±	MSANDBERG	10/16/2006				
		2 PLACES	±	±	CHECKED BY	DATE				
		1 PLACE	±	±	JLONG	10/16/2006				
		0 PLACE	±	±	APPROVED BY	DATE				
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SD-76047-001		
		DRAFT WHERE APPLICABLE		SEE SHEET 1		3 OF 4				
		MUST REMAIN WITHIN DIMENSIONS		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



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	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	TITLE STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET AND LIGHTPIPES molex
			mm		INCH		IN/MM					
			DRAWN BY		DATE		TITLE					
			MSANDBERG		10/16/2006							
			CHECKED BY		DATE							
	JLONG		10/16/2006									
	APPROVED BY		DATE									
	RNELSON		10/16/2006									
	MATERIAL NO.		DOCUMENT NO.		SEE SHEET 1							
	SD-76047-001		SHEET NO.		4 OF 4							
REV	DESCRIPTION	QUALITY SYMBOLS	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			
			mm		INCH		IN/MM					