

Excellent Integrated System Limited

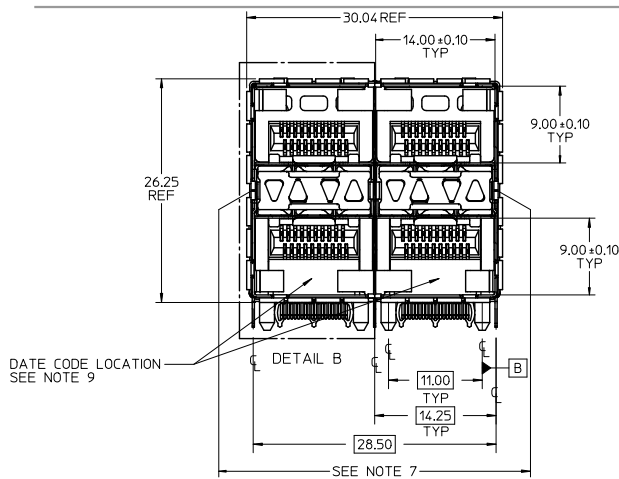
Stocking Distributor

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

[Molex Connector Corporation](#)
[0760455002](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



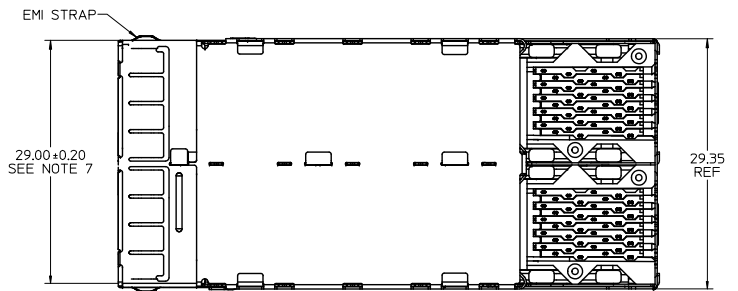
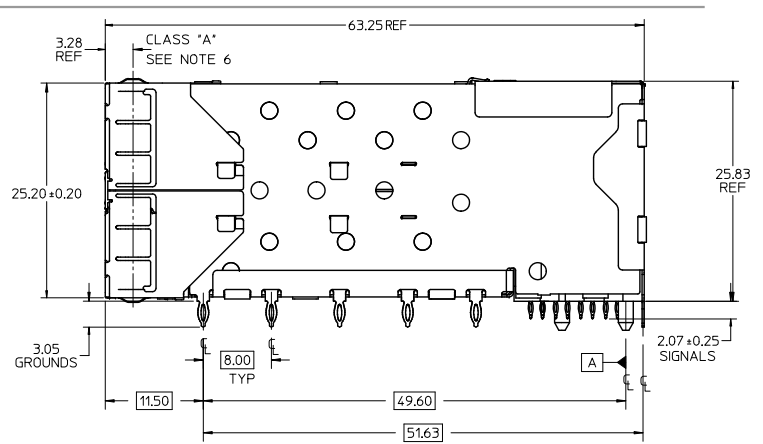
NOTES

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
LIGHTPIPS: POLYCARBONATE, COLOR: CLEAR

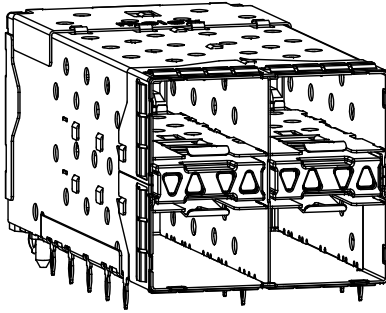
2. FINISHES:

TERMINALS: CONTACT AREA: 0.76 MICROMETERS MINIMUM HARD GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
COMPLIANT TAIL - MATTE TIN/LEAD OPTION: 0.76 TO 152 MICROMETERS 90/10 MATTE TIN-LEAD OVER 0.76 MICROMETERS MINIMUM NICKEL.
COMPLIANT TAIL - MATTE TIN OPTION: 0.76 TO 152 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-75714-001 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: 29.30 ± 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

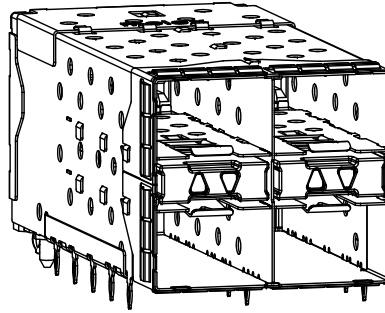


PART NUMBER	DESCRIPTION	VIEW	COMPLIANT TAIL PLATING
760450001	4 LIGHT PORTS	SEE PG 2	MATTE TIN / LEAD
760450002	INNER 2 PORTS	SEE PG 2	MATTE TIN / LEAD
760450003	OUTER 2 PORTS	SEE PG 2	MATTE TIN / LEAD
760455001	4 LIGHT PORTS	SEE PG 2	MATTE TIN
760455002	INNER 2 PORTS	SEE PG 2	MATTE TIN
760455003	OUTER 2 PORTS	SEE PG 2	MATTE TIN

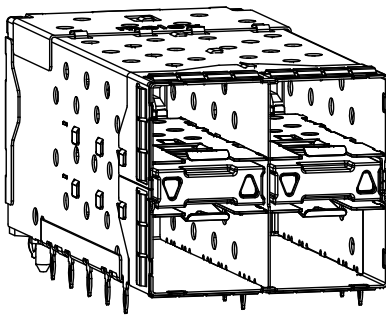
ADD NOTE 8 & 9 EC NO: UCP2011-2594 DRAWN BY: DRW:WOLFE CHKD BY: CHK:BBARKER APPR: SMILLER REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE STACKED SFP+ 2X2 ASS'Y WITH METAL EMI GASKET AND LIGHTPIPS	MOLEX INCORPORATED	DOCUMENT NO. SD-76045-001	SHEET NO. 1 OF 4
		mm	INCH	DRAWN BY	DATE							
		4 PLACES ± .005	± .002	MSANDBERG	10-16-06							
		3 PLACES ± .005	± .002	CHECKED BY	DATE							
		2 PLACES ± .013	± .005	JLONG	10-16-06							
		1 PLACE ± .025	± .010	APPROVED BY	DATE							
		ANGULAR ± 5°		RNELSON	10-16-06							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.								
				SEE TABLE								
				SIZE C								
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



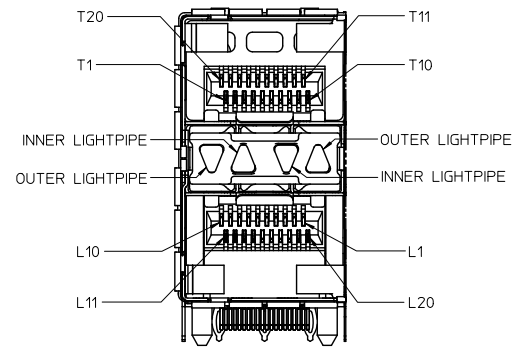
760450001 AND 760455001
WITH INNER AND OUTER LIGHTPIPES



760450002 AND 760455002
WITH INNER LIGHTPIPES



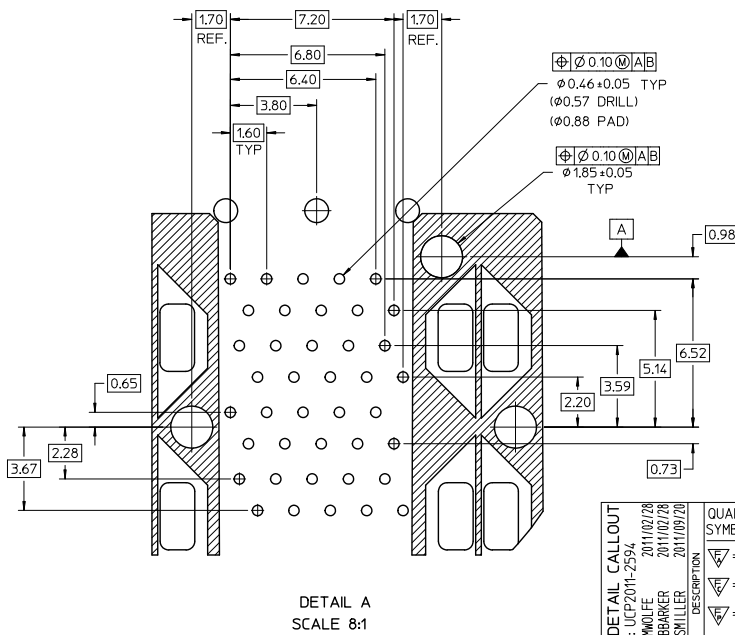
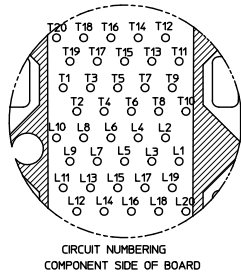
760450003 AND 760455003
WITH OUTER LIGHTPIPES



CIRCUIT NUMBERING
AND LIGHTPIPE
IDENTIFICATION

DETAIL B
SCALE 4:1

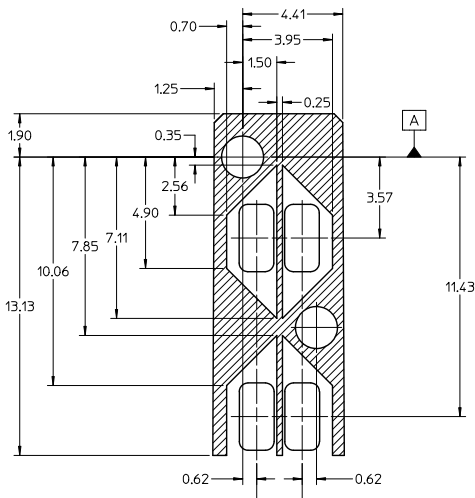
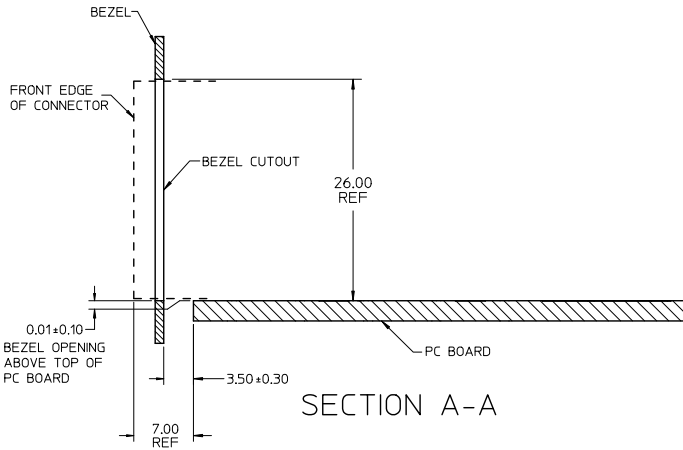
REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
			mm	INCH	MM ONLY	DATE	3:1	METRIC				
ADD DETAIL B	EC NO: UCP2011-2594	MSANDBERG	4 PLACES ±	±	MSANDBERG	10-16-06				STACKED SFP+ 2X2 ASS'Y WITH METAL EMI GASKET AND LIGHTPIPES	MOLEX INCORPORATED	2 OF 4
DRINKWOLFE	2011/02/28	MSANDBERG	3 PLACES ±	±	MSANDBERG	10-16-06						
CHKD BARKER	2011/02/28	JLONG	2 PLACES ± 0.13	±	JLONG	10-16-06						
APPR: SMILLER	2011/09/28	RNELSON	1 PLACE ± 0.25	±	RNELSON	10-16-06						
			ANGULAR ± 5 °									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE							
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



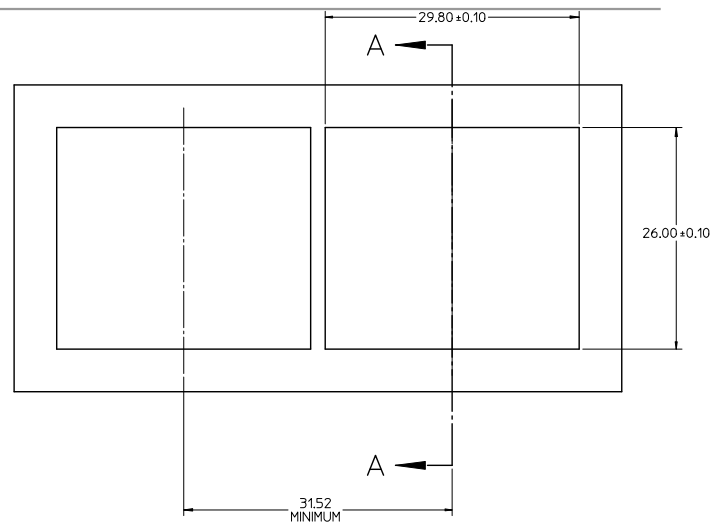
RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)

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

CHG DETAIL CALLOUT	EC NO.	UCP2011-2594	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	DRAWN BY	2011/02/28							MM ONLY		3:1	METRIC	
	DRW:WOLFE	2011/02/28							DRAWN BY DATE		STACKED SFP+ 2X2 ASSY WITH METAL EMI GASKET AND LIGHTPIPS		
	CHK:BARBER	2011/02/28							CHECKED BY DATE				
	APP:SMILLER	2011/02/28							JLONG 10-16-06				
									APPROVED BY DATE				
									RNELSON 10-16-06				
					ANGULAR ± 5 °		MOLEX MOLEX INCORPORATED						
					MATERIAL NO.		DOCUMENT NO.						
					SEE TABLE		SD-76045-001						
				SHEET NO.		3 OF 4							
REV				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													



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: UCP2011-2594	2011/02/28	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS		THIRD ANGLE PROJECTION
	DRINKMULFE	2011/02/28					MM ONLY		3:1	METRIC		
	CH-KOBBARKER	2011/02/28										
	APPR:SMILLER	2011/09/20										