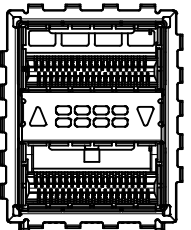
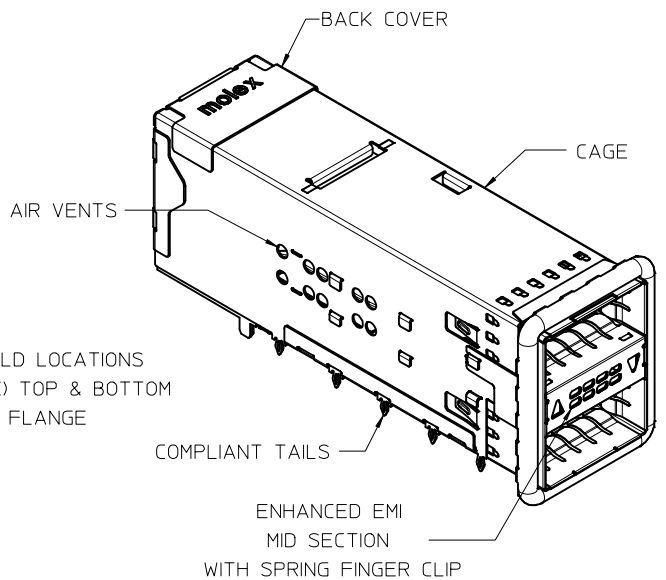
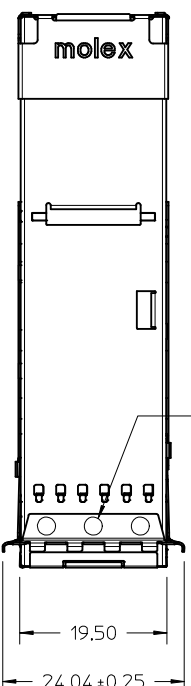
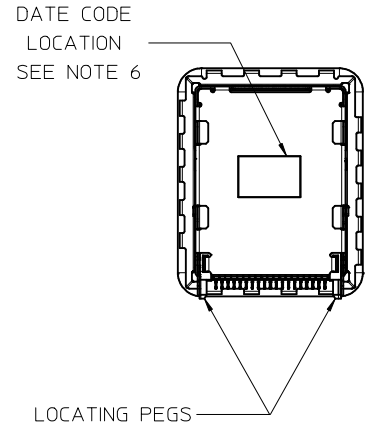
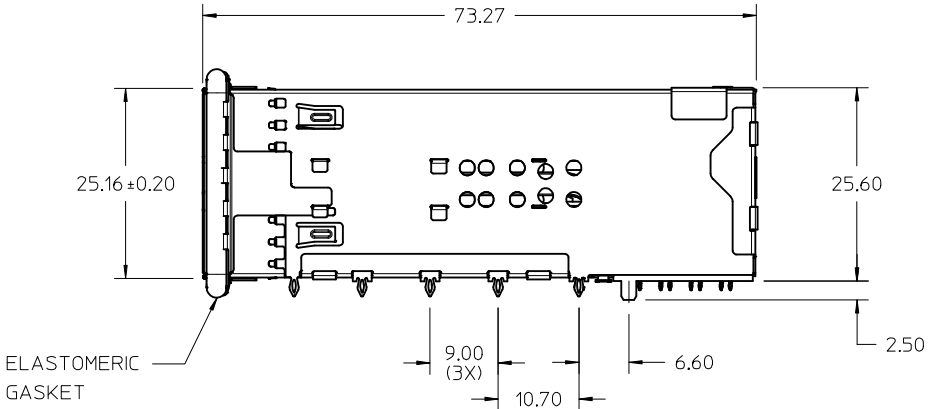


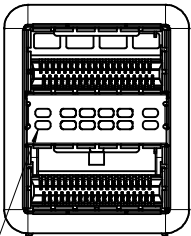
- NOTES:
1. MATERIAL:
- CAGE: NICKEL SILVER
 - GASKET FLANGE: STAINLESS STEEL
 - EMI SPRINGS: COPPER ALLOY
 - LIGHT PIPES: POLYCARBONATE 94V-0(OPTIONAL)
 - GASKET - CORE MATERIAL 94V-0
 - CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC. UL: 94V-0. COLOR: BLACK
 - TERMINALS: HIGH PERFORMANCE COPPER ALLOY
 - ELASTOMERIC GASKET: SILVER IMPREGNATED SILICONE
2. FINISH:
- CAGE & GASKET FLANGE: UNPLATED
 - EMI SPRINGS: 2.54µm NICKEL OVERALL
 - TERMINALS: CONTACT AREA: 0.76 µm MIN. HARD GOLD OVER 3.8 µm MIN. NICKEL.
 - COMPLIANT TAIL: 0.7 - 1.5 µm MATTE TIN OVER 0.7 - 1.5 µm NICKEL
3. PACKAGING: PRODUCT PACKAGED IN TRAYS AND CARTONS
4. ALL VISIBLE EXTERIOR SURFACES TO BE CLASS "B" OR BETTER, EXCEPT FOR UNDERSIDE OF THE CAGE WHICH IS CLASS "C" AND THE FRONT SURFACE OF THE MIDSECTION EMI SHIELD WHICH IS TO B A CLASS "A" SURFACE, AND ARE ALL TO CONFORM TO THE MOLEX COSMETIC SPEC ES-171233-0001.
5. CONNECTOR MATES WITH PLUG CABLE SERIES 74757 AND 74758
6. DATE CODE LOCATION SHOWN, DATE CODE FORMAT:DDD YY
DDD= DAY OF THE YEAR Y= YEAR



76871-1108 SHOWN W/O GASKET, SEE SHEET 2 FOR OTHER OPTIONS

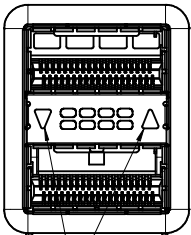


CORRECTED PIN #1 CALLOUT EC NO: UCP2014-4000 DRWN:HAVERY 2014/03/27 CHKD: APPR:MBANAKIS 2014/03/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JGONZALEZ01	DATE 2011/08/01	TITLE QSFP 2X1 ASSEMBLY ENHANCED MID SECTION & CLAW FLANGE					
						CHECKED BY KREGNIER	DATE 2011/08/01						
				4 PLACES ± ---	± ---	APPROVED BY MBANAKIS		DATE 2011/12/14	MOLEX INCORPORATED				
				3 PLACES ± ---	± ---								
				2 PLACES ±0.13	± ---								
				1 PLACE ±0.25	± ---								
			ANGULAR ±1/2°				DOCUMENT NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-76871-1100						
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
							SHEET NO. 1 OF 3						



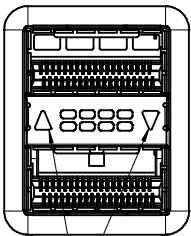
NO LIGHT PIPES
AIR FLOW VENTS

P/N: 76871-1105



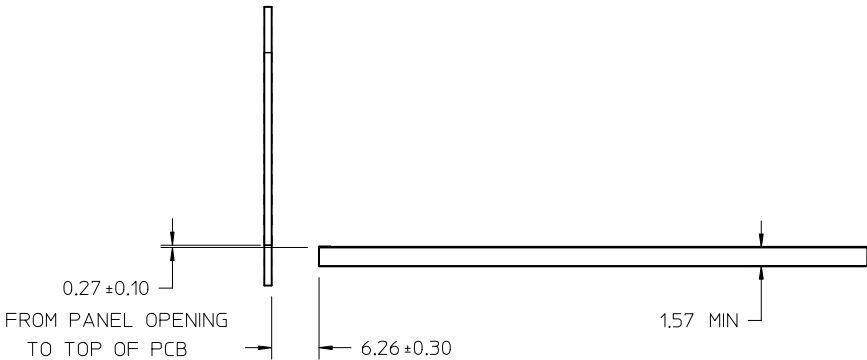
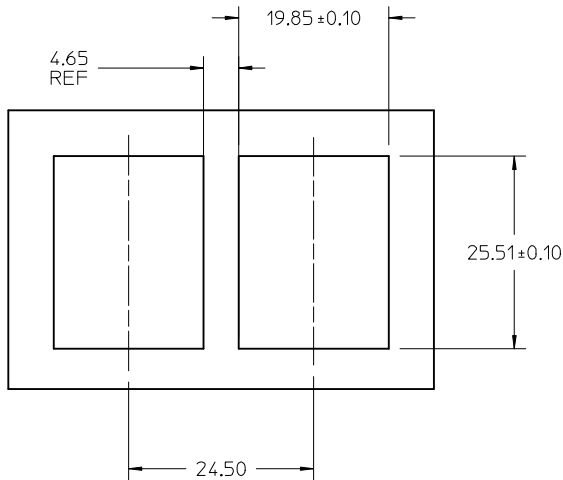
PORT ACTIVITY INDICATORS
LEFT DOWN / RIGHT UP

P/N: 76871-1106



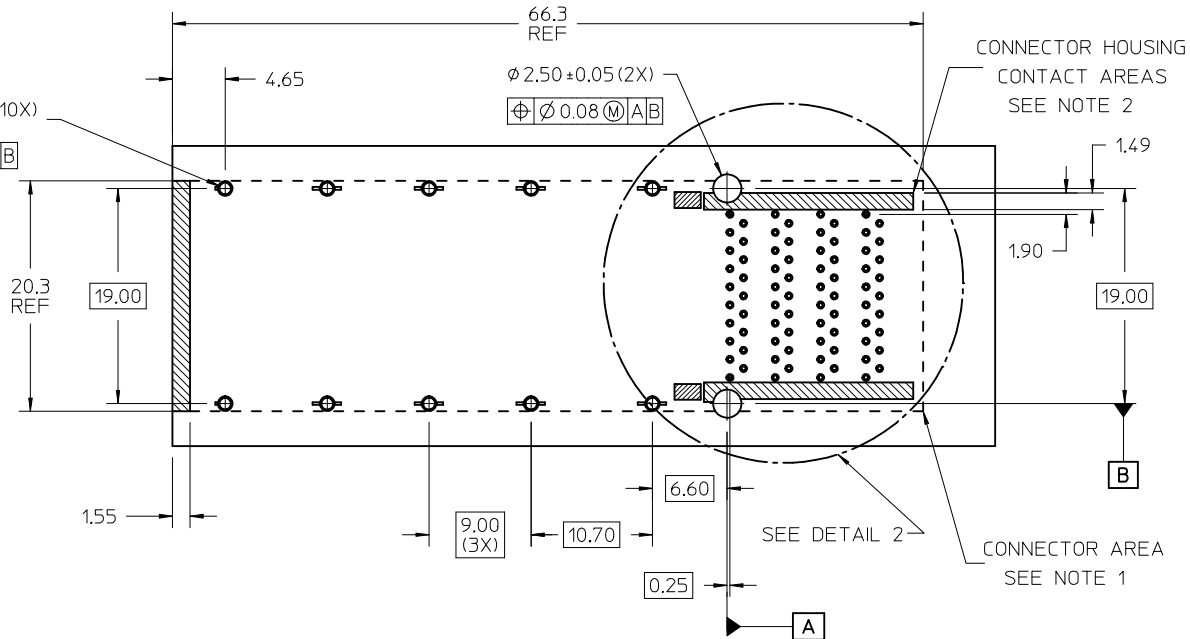
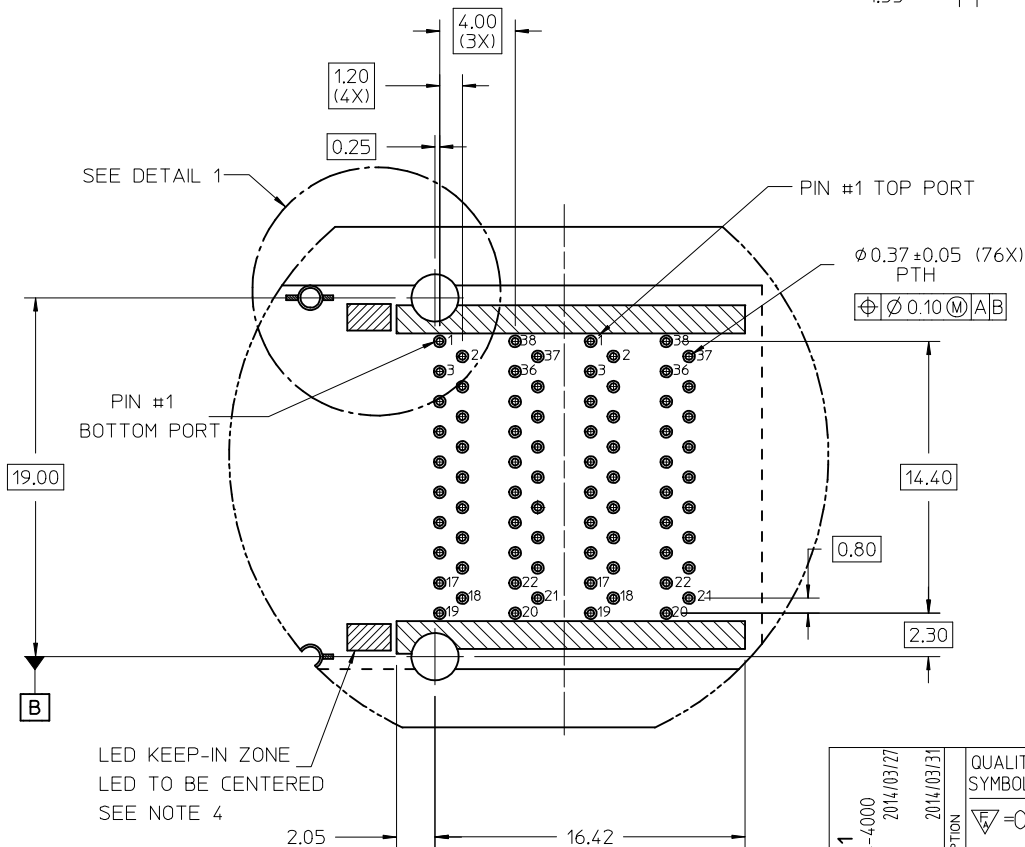
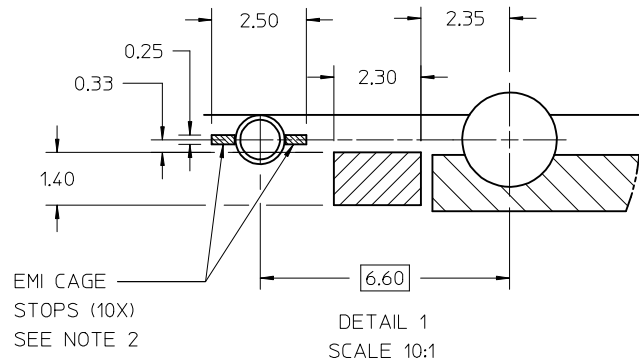
PORT ACTIVITY INDICATORS
LEFT UP / RIGHT DOWN

P/N: 76871-1108



RECOMMENDED PANEL CUT-OUT

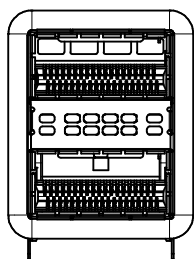
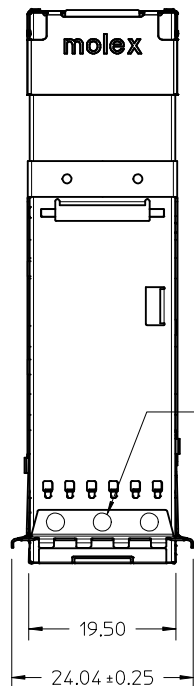
SEE SHEET 1 EC NO: UCP2014-4000 DRAWN BY: DRWNHAVERY 2014/03/27 CHKD: CHKD: 2014/03/31 APPR: MBANAKIS	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm	INCH	DRAWN BY JGONZALEZ01	DATE 2011/08/01	TITLE QSFP 2X1 ASSEMBLY ENHANCED MID SECTION & CLAW FLANGE				
				4 PLACES	± ---	± ---	CHECKED BY KREGNIER	DATE 2011/08/01					
				3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2011/12/14		MOLEX INCORPORATED		
				2 PLACES	± 0.13	± ---							
				1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 3		
				ANGULAR ±1/2°									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE OPTIONS		SD-76871-1100				
							SIZE						
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



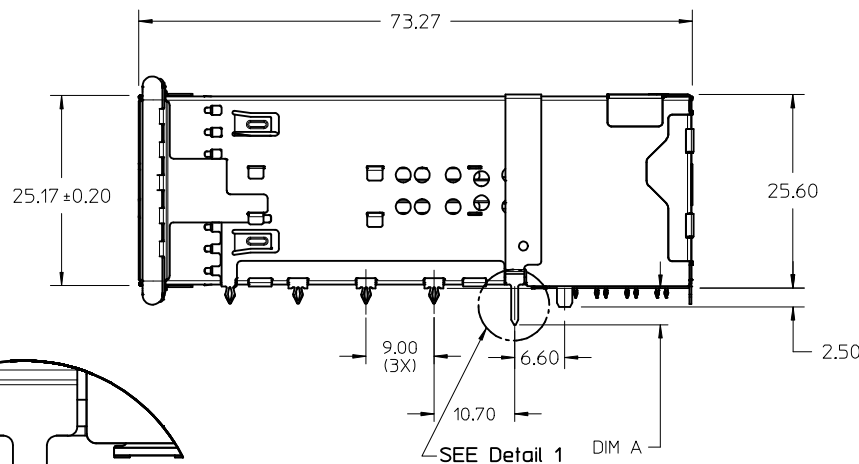
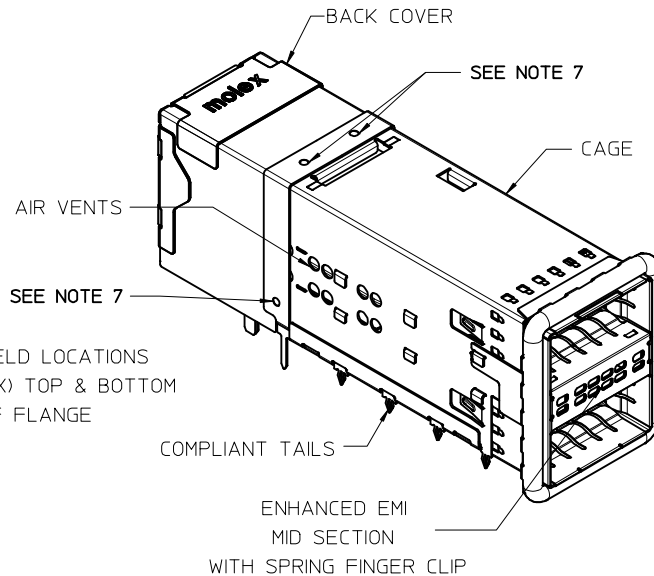
NOTES:

1. THE ENTIRE AREA UNDER THE CONNECTOR (DASHED LINES) IS TO BE CONSIDERED A KEEP-OUT AREA FOR COMPONENTS.
2. HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
3. PIN NUMBERS ARE PER THE STANDARD.
BOTH PORTS ARE IN THE SAME (UP-UP)MODULE ORIENTATION.
4. LED KEEP-IN ZONE DEFINES THE PHYSICAL SPACE ALLOWED FOR PLACEMENT OF SMD CHIP STYLE LED PACKAGES INCLUDING SMD MOUNTING PADS. KEEP-IN ZONE EXTENDS VERTICALLY TO 0.8mm ABOVE THE TOP SIDE OF BOARD.
5. SEE APPLICATION SPEC AS-76870-001 FOR RECOMMENDED DRILL HOLE SIZE.

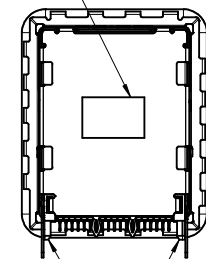
SEE SHEET 1 EC NO: UCP2014-4000 DRAWN BY: DRWNHAWERY 2014/03/27 CHKD: MBANAKIS APPR: MBANAKIS 2014/03/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						DRAWN BY JGONZALEZ01		DATE 2011/08/01	TITLE QSFP 2X1 ASSEMBLY ENHANCED MID SECTION & CLAW FLANGE		
						CHECKED BY KREGNIER		DATE 2011/08/01			
						APPROVED BY MBANAKIS		DATE 2011/12/14	molex MOLEX INCORPORATED		
						MATERIAL NO.		DOCUMENT NO.			SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 2		SD-76871-1100			3 OF 3
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



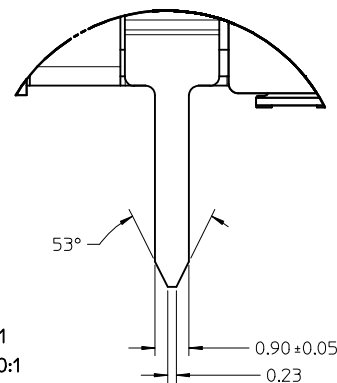
76871-1108 SHOWN
W/O GASKET, SEE
SHEET 2 FOR OTHER
OPTIONS



DATE CODE
LOCATION
SEE NOTE 6



LOCATING PEGS



Detail 1
Scale 10:1

NOTES:

1. MATERIAL:

CAGE AND SOLDER STRAP: NICKEL SILVER
GASKET FLANGE: STAINLESS STEEL
EMI SPRINGS: COPPER ALLOY
LIGHT PIPES: POLYCARBONATE 94V-0(OPTIONAL)
GASKET - CORE MATERIAL 94V-0
CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94V-0, COLOR: BLACK
TERMINALS: HIGH PERFORMANCE COPPER ALLOY

2. FINISH:

CAGE, GASKET FLANGE, AND SOLDER STRAP: UNPLATED
EMI SPRINGS: 2.5μm NICKEL OVERALL
TERMINALS: CONTACT AREA: 0.76 μm MIN. HARD GOLD OVER
3.8 μm MIN. NICKEL.
COMPLIANT TAIL: 0.7 - 1.5 μm MATTE TIN OVER
0.7 - 1.5 μm NICKEL

3. PACKAGING: PRODUCT PACKAGED IN TRAYS AND CARTONS

4. TOP AND SIDE SURFACES TO BE CLASS "B" OR BETTER. ALL REMAINING SURFACES TO BE CLASS "C" OR BETTER WITH THE EXCEPTION OF THE FRONT OF THE MIDSECTION EMI SPRING WHICH IS TO BE A CLASS "A" SURFACE AS DESCRIBED IN THE MOLEX ES-46030-006 COSMETIC SPEC.

5. CONNECTOR MATES WITH PLUG CABLE SERIES 74757 AND 74758

6. DATE CODE LOCATION SHOWN, DATE CODE FORMAT:DDD
DDD= DAY OF THE YEAR Y= YEAR

7. SOLDER STRAP TO BE LASER WELDED IN APPROXIMATE LOCATIONS SHOWN.

UPDATED COSMETIC SPEC NUMBER EC NO: UCP2014-1269 DRAWN BY: 2013/08/02 CHKD: 2013/10/08 APPR: MBANAKIS	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	mmINCH	DRAWN BY DATE HAVERY2013/01/31		TITLE QSFP 2X1 ASSEMBLY WITH SOLDER STRAP					
					CHECKED BY DATE							
					APPROVED BY DATE MBANAKIS2013/10/08		MOLEX INCORPORATED					
					MATERIAL NO.					DOCUMENT NO.		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2			SD-76871-1150		SHEET NO. 1 OF 3
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PART NUMBER	DESCRIPTION	DIM A
76871-1151	LIGHT PIPE UP	4.83
76871-1152	LIGHT PIPE DOWN	4.83
76871-1153	NO LIGHT PIPE	4.83
76871-1154	LIGHT PIPE UP	3.93
76871-1155	LIGHT PIPE DOWN	3.93
76871-1156	NO LIGHT PIPE	3.93
76871-1157	LIGHT PIPE UP	2.90
76871-1158	LIGHT PIPE DOWN	2.90
76871-1159	NO LIGHT PIPE	2.90



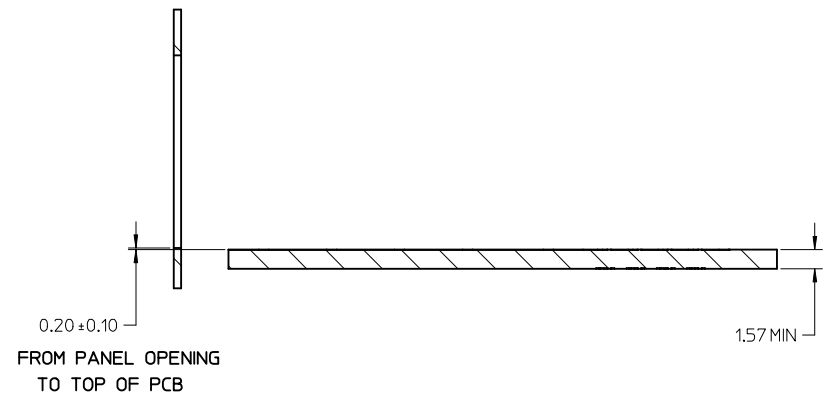
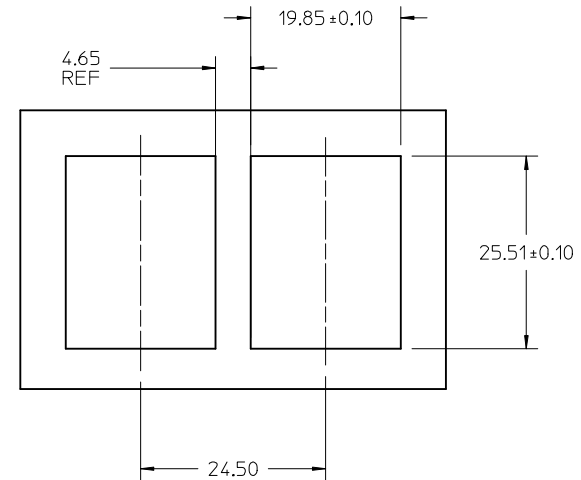
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76871-1154
76871-1157



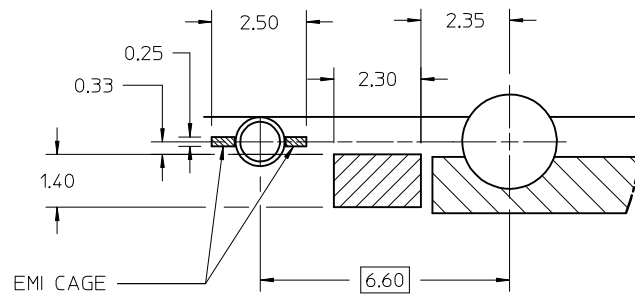
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76871-1155
76871-1158



76871-1153
76871-1156
76871-1159

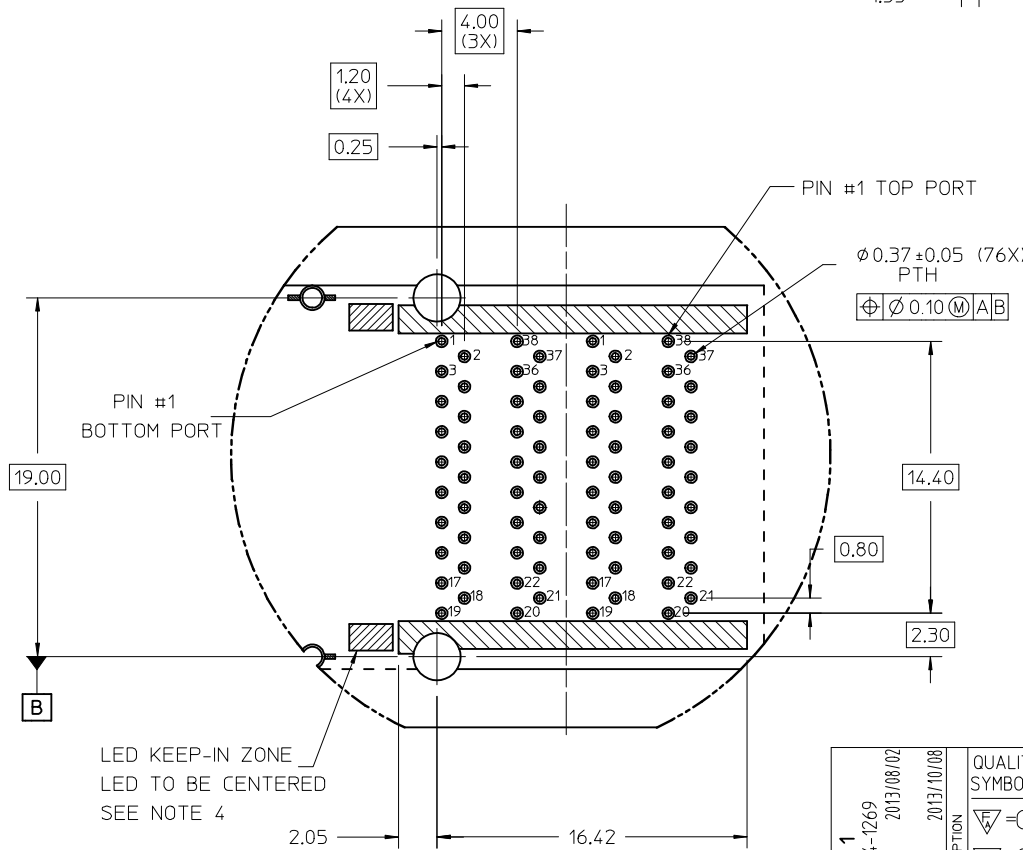
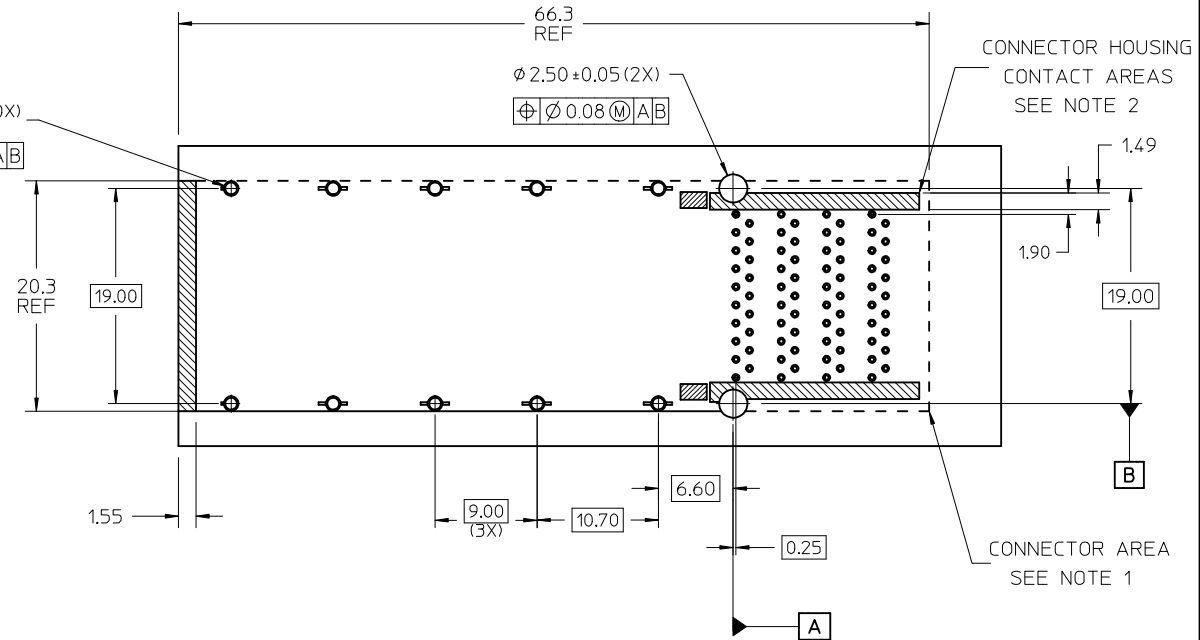


SEE SHEET 1 EC NO: UCP2014-1269 DRWN:HAVERY 2013/08/02 CHKD: APPR:MBANAKIS 2013/10/08	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm	INCH	DRAWN BY HAVERY	DATE 2013/01/31	TITLE QSFP 2X1 ASSEMBLY WITH SOLDER STRAP				
				4 PLACES	± ---	± ---	CHECKED BY	DATE					
				3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2013/10/08	molex MOLEX INCORPORATED			
				2 PLACES	± 0.13	± ---							
				1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				ANGULAR ±1/2°		SEE OPTIONS		SD-76871-1150		2 OF 3			
				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							



DETAIL 1
SCALE 10:1

$\phi 1.05 \pm 0.05$ (10X)
PTH
 $\phi \phi 0.10$ (M) A/B



DETAIL 2
SCALE 5:1

NOTES:

1. THE ENTIRE AREA UNDER THE CONNECTOR (DASHED LINES) IS TO BE CONSIDERED A KEEP-OUT AREA FOR COMPONENTS.
2. HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
3. PIN NUMBERS ARE PER THE STANDARD.
BOTH PORTS ARE IN THE SAME (UP-UP)MODULE ORIENTATION.
4. LED KEEP-IN ZONE DEFINES THE PHYSICAL SPACE ALLOWED FOR PLACEMENT OF SMD CHIP STYLE LED PACKAGES INCLUDING SMD MOUNTING PADS.
KEEP-IN ZONE EXTENDS VERTICALLY TO 0.8mm ABOVE THE TOP SIDE OF BOARD.
5. SEE APPLICATION SPEC AS-76870-001 FOR RECOMMENDED DRILL HOLE SIZE.

SEE SHEET 1 EC NO: UCP2014-1269 DRAWN BY: HAVERY CHKD: MBANAKIS APPR: MBANAKIS 2013/08/02 2013/10/08	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					DRAWN BY DATE HAVERY 2013/01/31		TITLE QSFP 2X1 ASSEMBLY WITH SOLDER STRAP		
					CHECKED BY DATE		APPROVED BY DATE MBANAKIS 2013/10/08		
					MATERIAL NO.		DOCUMENT NO.		
					ANGULAR $\pm 1/2^\circ$		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
					SEE SHEET 2		SD-76871-1150		
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
REV									SHEET NO. 3 OF 3



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.