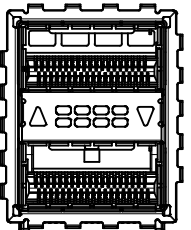
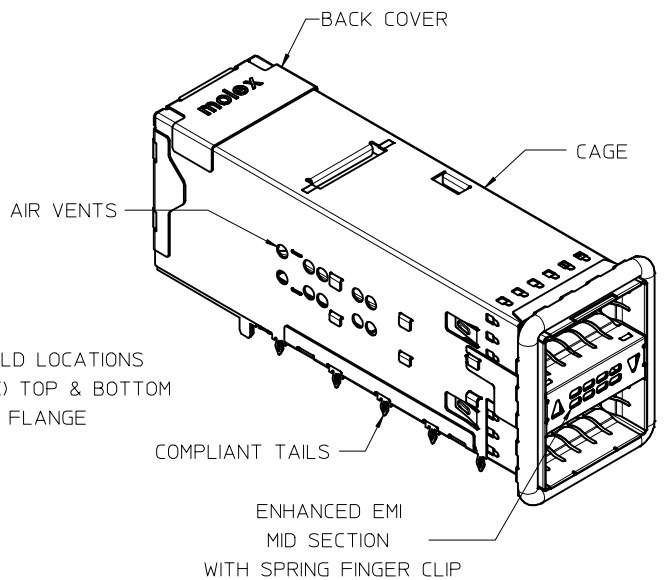
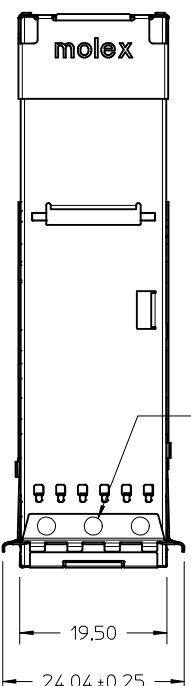
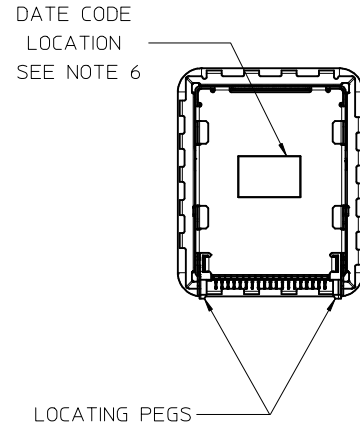
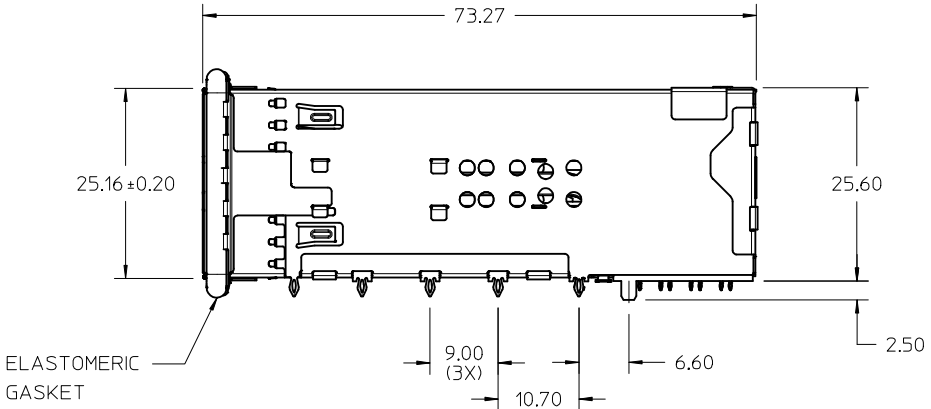


- NOTES:
1. MATERIAL:
- CAGE: NICKEL SILVER
 - GASKET FLANGE: STAINLESS STEEL
 - EMI SPRINGS: COPPER ALLOY
 - LIGHT PIPES: POLYCARBONATE 94V-0(OPTIONAL)
 - GASKET - CORE MATERIAL 94V-0
 - CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC. UL: 94V-0. COLOR: BLACK
 - TERMINALS: HIGH PERFORMANCE COPPER ALLOY
 - 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	QUALITY SYMBOLS	DESCRIPTION	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	MOLEX INCORPORATED		
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 2011/12/14	SD-76871-1100		
			2 PLACES	± 0.13	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
			1 PLACE	± 0.25	± ---	SEE SHEET 2		1 OF 3		
			ANGULAR ±1/2°			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
			REV							

13

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4

3

2

1

NO LIGHT PIPES
AIR FLOW VENTS

P/N: 76871-1105

4.65
REF

19.85 ±0.10

25.51 ±0.10

24.50

PORT ACTIVITY INDICATORS
LEFT DOWN / RIGHT UP

P/N: 76871-1106

0.27 ±0.10
FROM PANEL OPENING
TO TOP OF PCB

6.26 ±0.30

1.57 MIN

RECOMMENDED PANEL CUT-OUT

PORT ACTIVITY INDICATORS
LEFT UP / RIGHT DOWN

P/N: 76871-1108

SEE SHEET 1 EC NO: UCP2014-4000 DRAWN/HAVERY 2014/03/27 CHKD: APPR:MBANAKIS 2014/03/31	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
						DRAWN BY DATE JGONZALEZ01 2011/08/01		TITLE QSFP 2X1 ASSEMBLY ENHANCED MID SECTION & CLAW FLANGE		
						CHECKED BY DATE KREGNIER 2011/08/01				
				4 PLACES ± --- ± ---		APPROVED BY DATE MBANAKIS 2011/12/14		MOLEX INCORPORATED		
				3 PLACES ± --- ± ---		MATERIAL NO.				
				2 PLACES ± 0.13 ± ---		SEE OPTIONS		SD-76871-1100		
				1 PLACE ± 0.25 ± ---						
				ANGULAR ±1/2°						
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				

12

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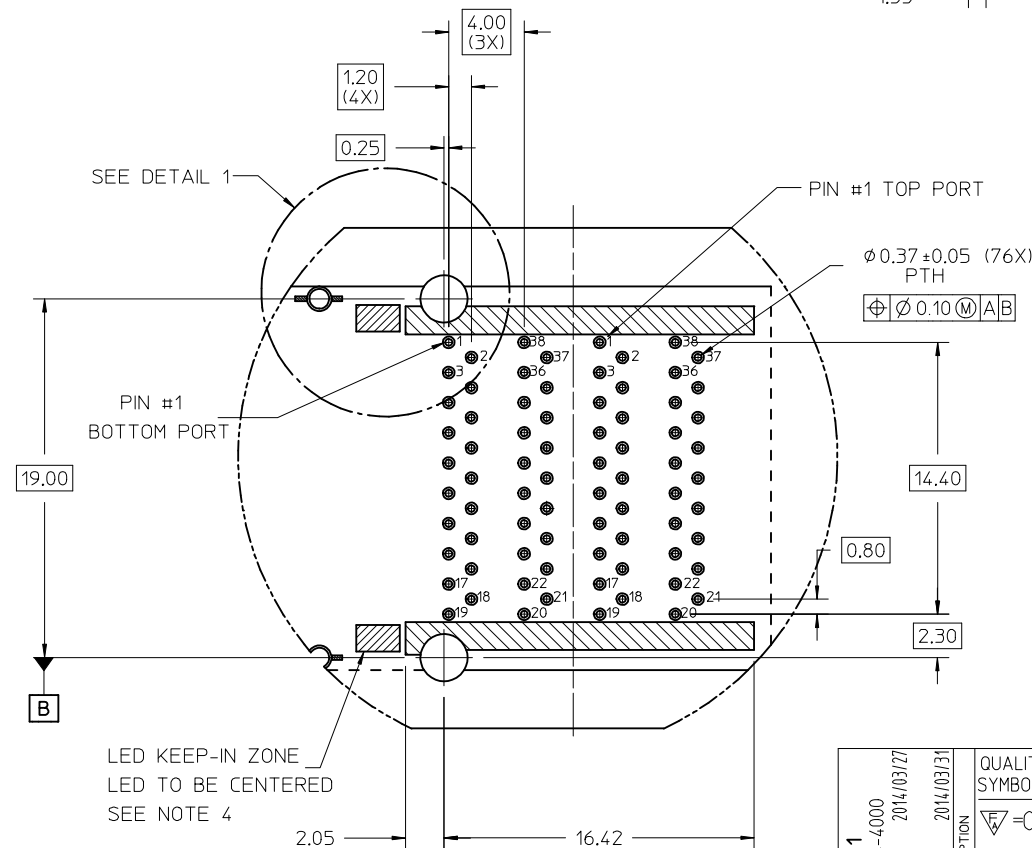
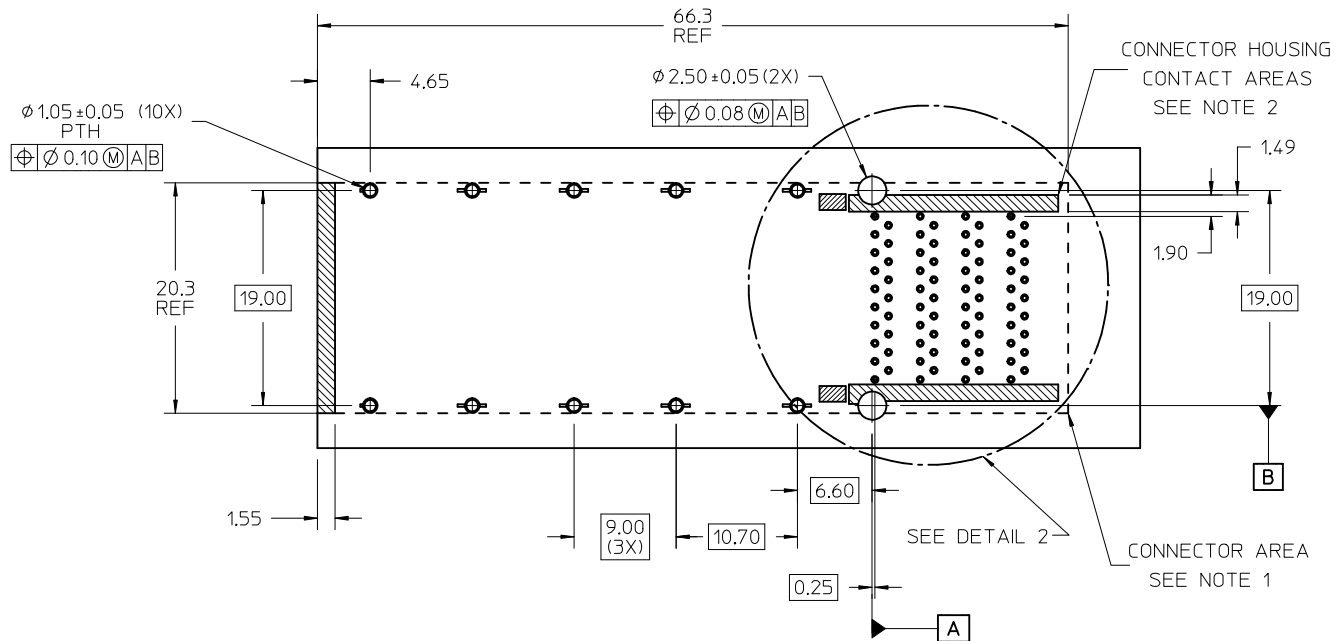
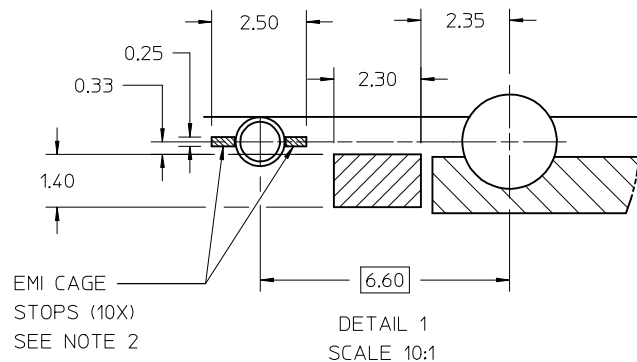
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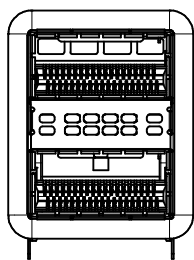
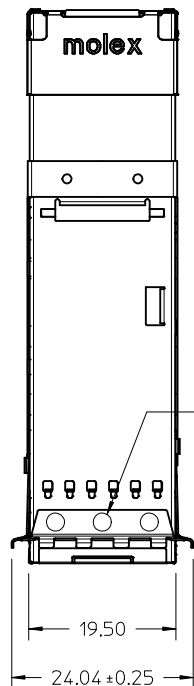
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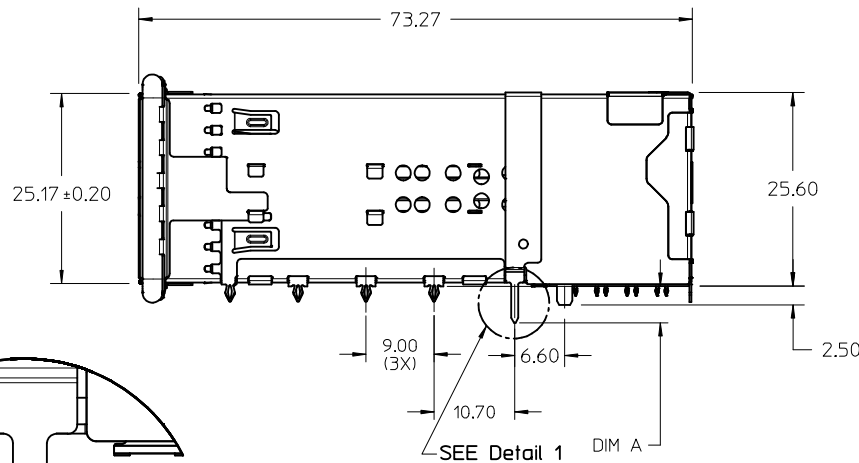
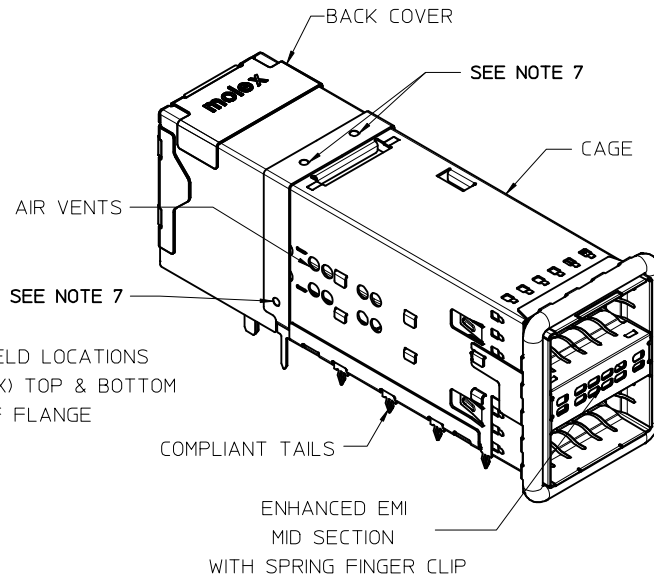
NOTES:

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.

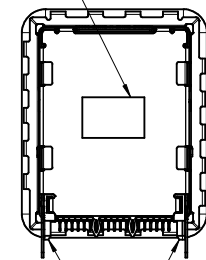
SEE SHEET 1 EC NO: UCP2014-4000 DRAWN BY: DRWNHAWERY CHKD: MBANAKIS APPR: MBANAKIS	2014/03/17 2014/03/13	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY JGONZALEZ01		DATE 2011/08/01	TITLE QSFP 2X1 ASSEMBLY ENHANCED MID SECTION & CLAW FLANGE			
					4 PLACES	± ---	± ---	CHECKED BY KREGNIER		DATE 2011/08/01	MOLEX INCORPORATED		
					3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2011/12/14			
					2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.			SHEET NO.
					1 PLACE	± 0.25	± ---	ANGULAR ±1/2°		SD-76871-1100			3 OF 3
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE SHEET 2				
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

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

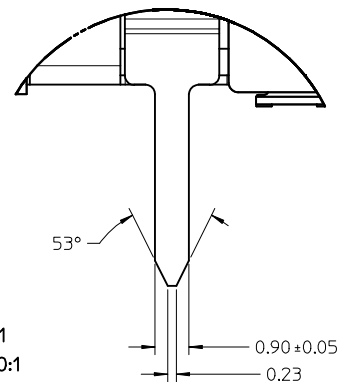
3. PACKAGING: PRODUCT PACKAGED IN TRAYS AND CARTONS

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

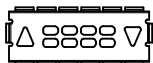
7. SOLDER STRAP TO BE LASER WELDED IN APPROXIMATE LOCATIONS SHOWN.



Detail 1
Scale 10:1

UPDATED COSMETIC SPEC NUMBER EC NO: UCP2014-1269 DRAWN BY: 2013/08/02 CHKD: MBANAKIS APPR: MBANAKIS 2013/10/08 REV: 2	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 INCORPORATED		
			2 PLACES	± 0.13	± ---						
1 PLACE	± 0.25	± ---	ANGULAR ±1/2°		MATERIAL NO. SEE SHEET 2		DOCUMENT NO. SD-76871-1150	SHEET NO. 1 OF 3			
	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							

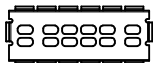
PART NUMBER	DESCRIPTION	DIM A
76871-1151	LIGHT PIPE UP	4.83
76871-1152	LIGHT PIPE DOWN	4.83
76871-1153	NO LIGHT PIPE	4.83
76871-1154	LIGHT PIPE UP	3.93
76871-1155	LIGHT PIPE DOWN	3.93
76871-1156	NO LIGHT PIPE	3.93
76871-1157	LIGHT PIPE UP	2.90
76871-1158	LIGHT PIPE DOWN	2.90
76871-1159	NO LIGHT PIPE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



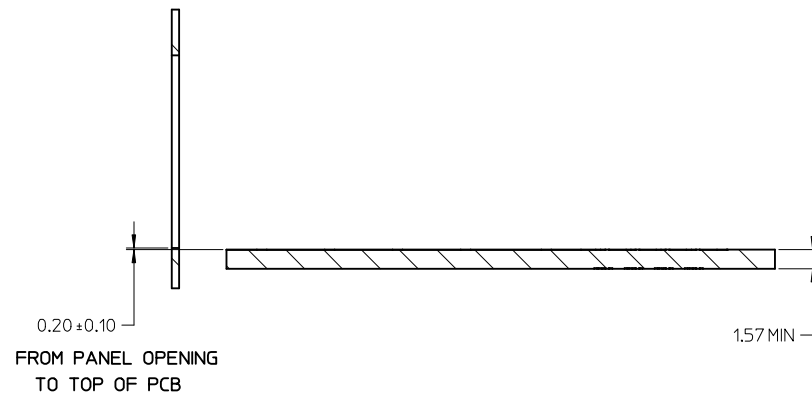
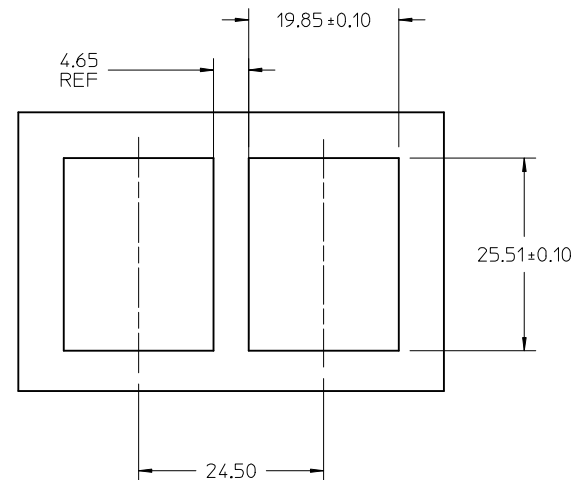
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76871-1157



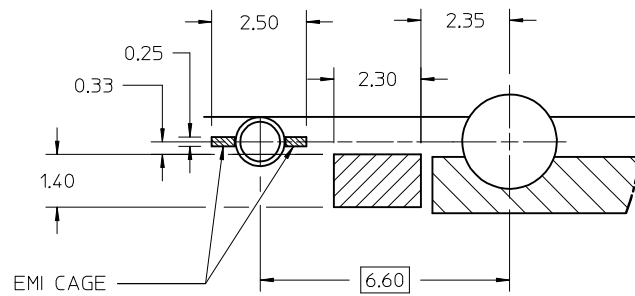
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76871-1155
76871-1158



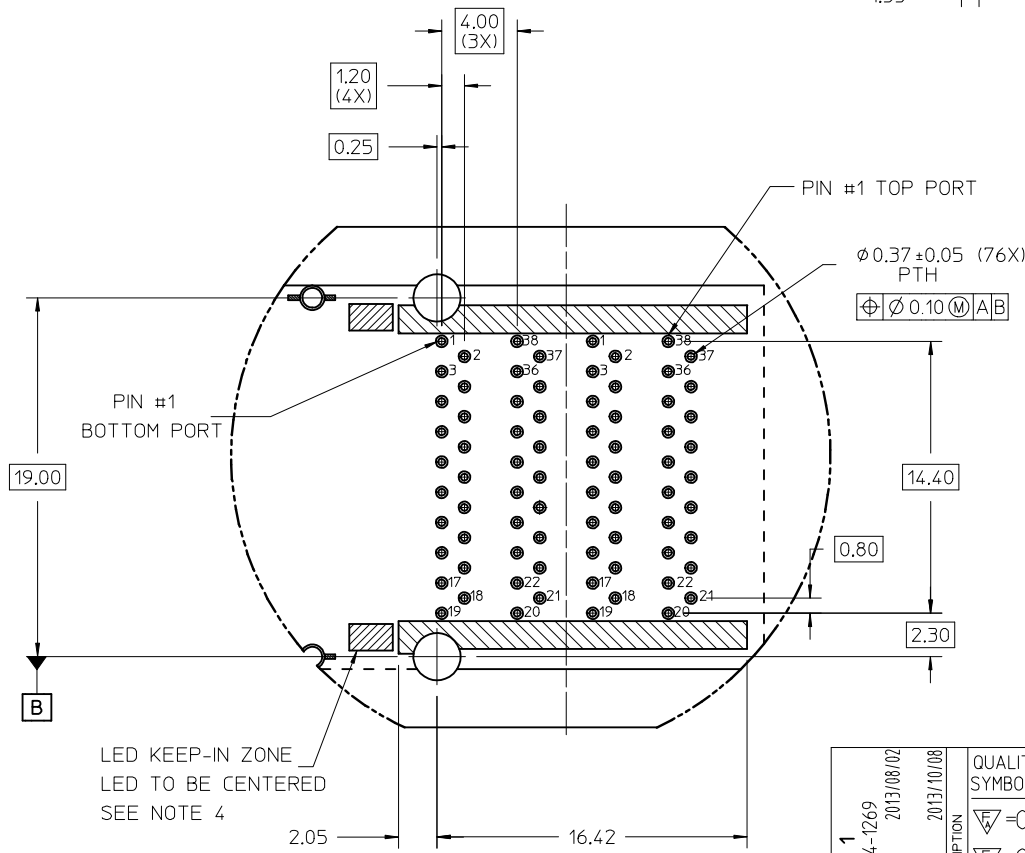
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76871-1156
76871-1159



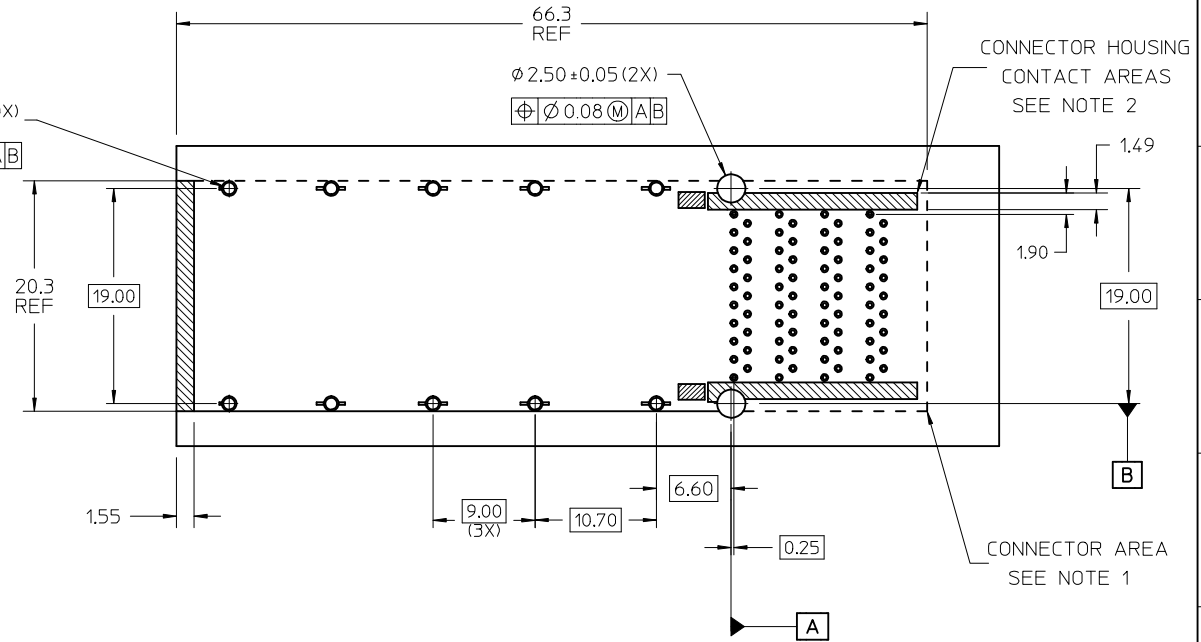
SEE SHEET 1 EC NO: UCP2014-1269 DRWN:HAVERY 2013/08/02 CHKD: APPR:MBANAKIS 2013/10/08	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY HAVERY	DATE 2013/01/31	TITLE QSFP 2X1 ASSEMBLY WITH SOLDER STRAP			
				4 PLACES	± ---	± ---	CHECKED BY	DATE				
				3 PLACES	± ---	± ---						
				2 PLACES	± 0.13	± ---	APPROVED BY MBANAKIS				DATE 2013/10/08	 MOLEX INCORPORATED
				1 PLACE	± 0.25	± ---						
				ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE OPTIONS		SD-76871-1150		2 OF 3	
				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



DETAIL 1
SCALE 10:1



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		
			mm		INCH		DRAWN BY DATE HAVERY 2013/01/31		TITLE QSFP 2X1 ASSEMBLY WITH SOLDER STRAP			
			4 PLACES ± ---		± ---		CHECKED BY DATE					
			3 PLACES ± ---		± ---		APPROVED BY DATE MBANAKIS 2013/10/08					
			2 PLACES ± 0.13		± ---		MATERIAL NO.				DOCUMENT NO.	SHEET NO.
			1 PLACE ± 0.25		± ---		SEE SHEET 2		SD-76871-1150		3 OF 3	
			ANGULAR ± 1/2°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									