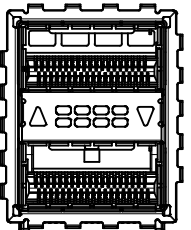
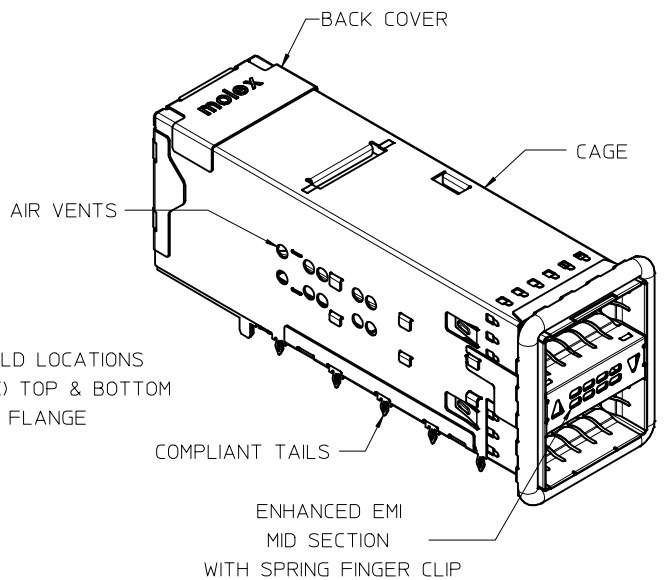
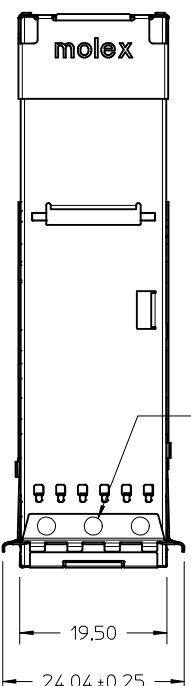
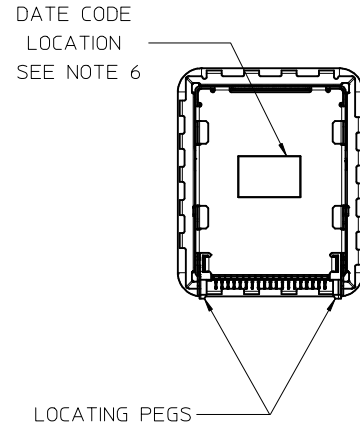
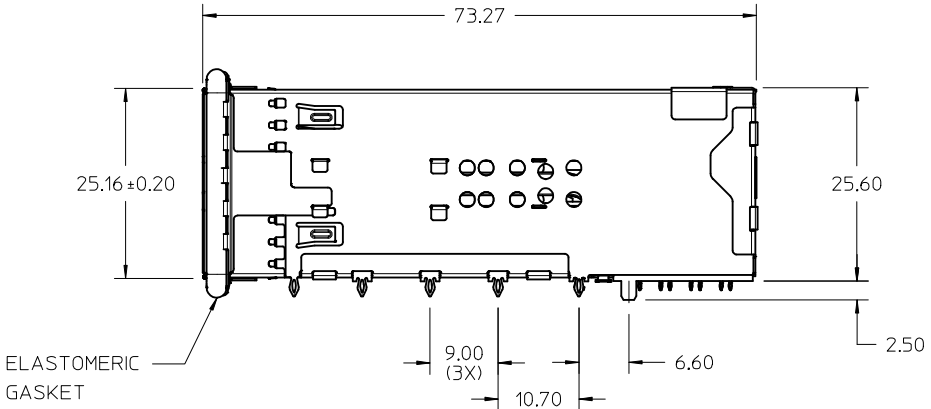


- NOTES:
1. MATERIAL:
- CAGE: NICKEL SILVER
 - GASKET FLANGE: STAINLESS STEEL
 - EMI SPRINGS: COPPER ALLOY
 - LIGHT PIPES: POLYCARBONATE 94V-0(OPTIONAL)
 - GASKET - CORE MATERIAL 94V-0
 - CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC. UL: 94V-0. COLOR: BLACK
 - TERMINALS: HIGH PERFORMANCE COPPER ALLOY
 - 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:DDDYY
DDD= DAY OF THE YEAR Y= YEAR



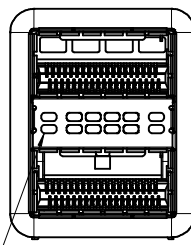
76871-1108 SHOWN
W/O GASKET, SEE
SHEET 2 FOR OTHER
OPTIONS



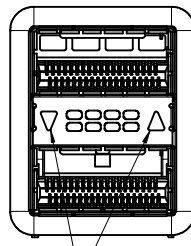
CORRECTED PIN #1 CALLOUT EC NO: UCP2014-4000 DRWN:HAVERY 2014/03/27 CHKD: APPR:MBANAKIS 2014/03/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					DRAWN BY DATE JGONZALEZ01 2011/08/01		TITLE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

13 12 11 10 9 8 7 6 5 4 3 2 1

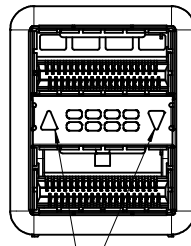
J
I
H
G
F
E
D
C
B
A



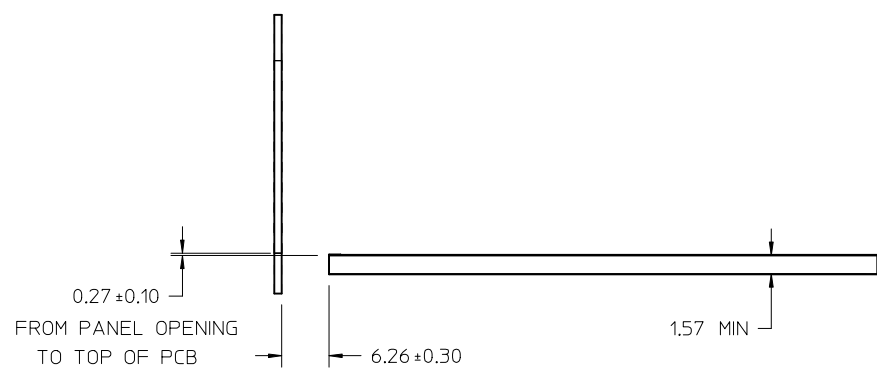
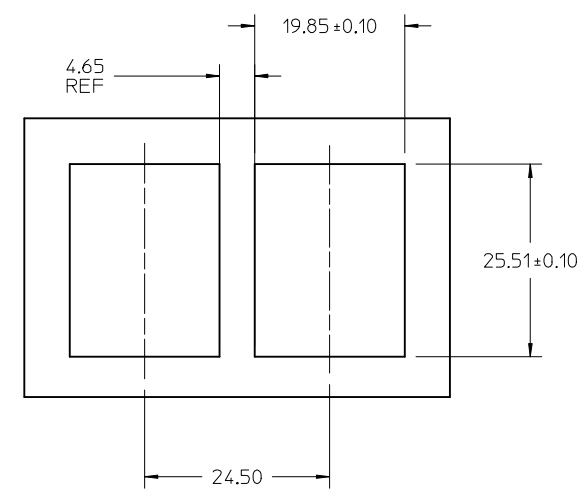
NO LIGHT PIPES
AIR FLOW VENTS
P/N: 76871-1105



PORT ACTIVITY INDICATORS
LEFT DOWN / RIGHT UP
P/N: 76871-1106

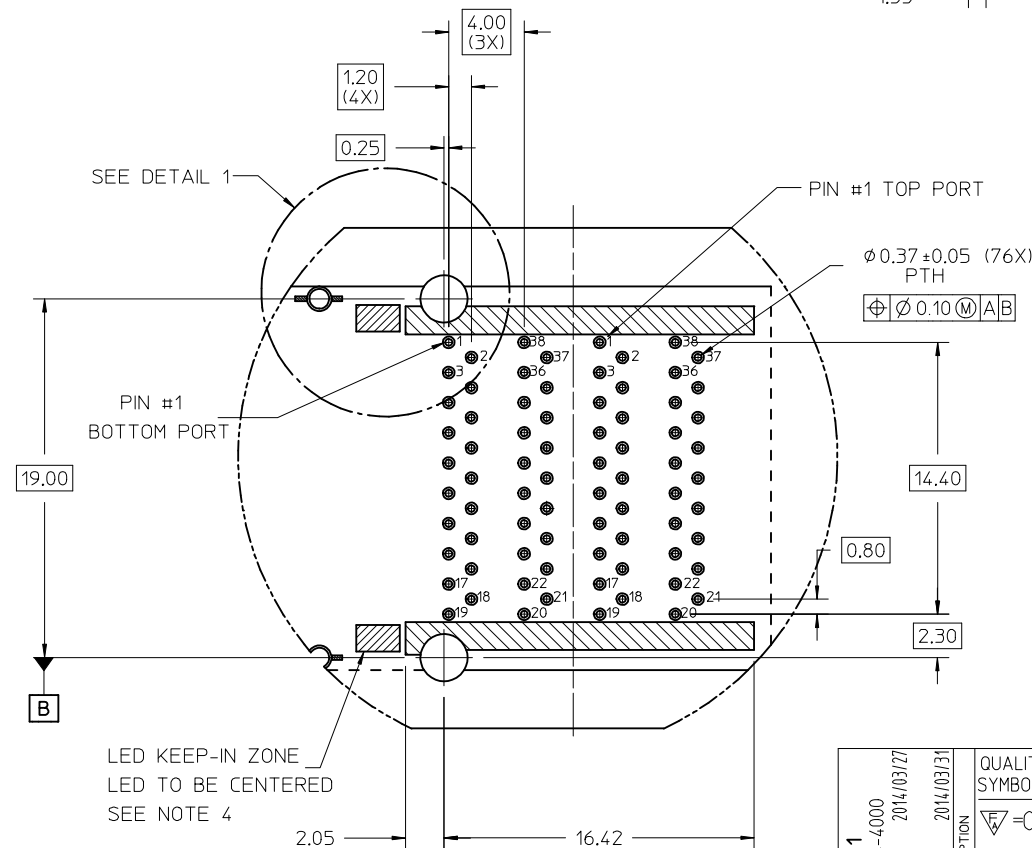
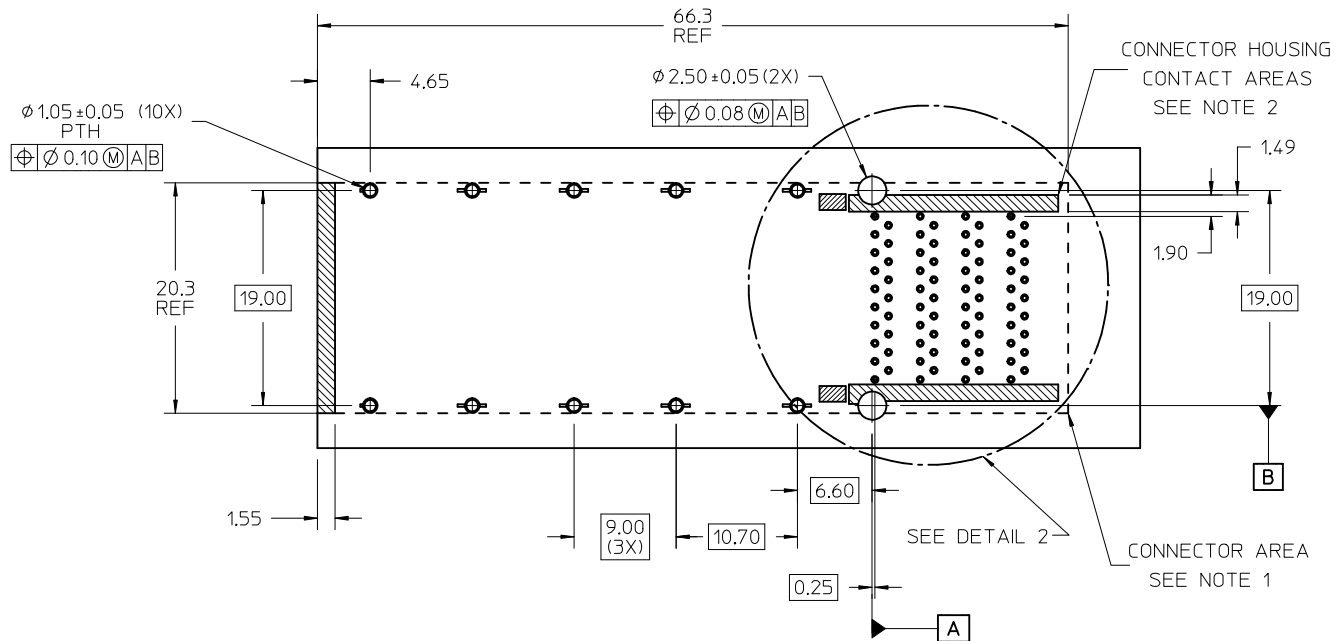
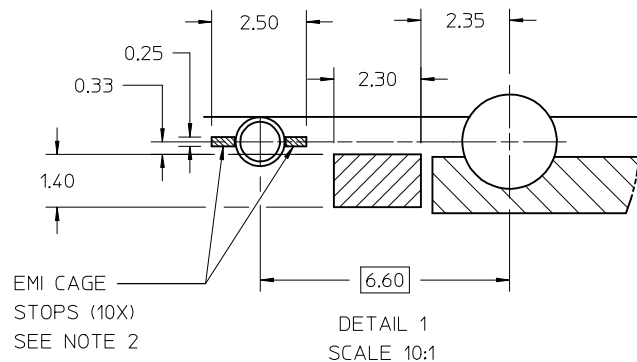


PORT ACTIVITY INDICATORS
LEFT UP / RIGHT DOWN
P/N: 76871-1108



RECOMMENDED PANEL CUT-OUT

SEE SHEET 1 EC NO: UCP2014-4000 DRAWN:HAVERY 2014/03/27 CHKD: MBANAKIS APPR:MBANAKIS 2014/03/31	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		
				2 PLACES	± 0.13	± ---	MOLEX INCORPORATED			
				1 PLACE	± 0.25	± ---	DOCUMENT NO. SD-76871-1100		SHEET NO. 2 OF 3	
				ANGULAR ±1/2°		MATERIAL NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE OPTIONS		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: 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
				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 MOLEX INCORPORATED	
			3 PLACES	±---	±---	APPROVED BY MBANAKIS	DATE 2011/12/14		
			2 PLACES	±0.13	±---	MATERIAL NO.	DOCUMENT NO.		
			1 PLACE	±0.25	±---	SEE SHEET 2	SD-76871-1100		
			ANGULAR ±1/2°			SHEET NO. 3 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						

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: 2.5 μ m NICKEL OVERALL
 TERMINALS: CONTACT AREA: 0.76 μ m MIN. HARD GOLD OVER
 3.8 μ m MIN. NICKEL.
 COMPLIANT TAIL: 0.7 - 1.5 μ m MATTE TIN OVER
 0.7 - 1.5 μ m NICKEL

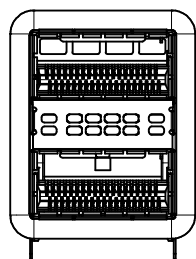
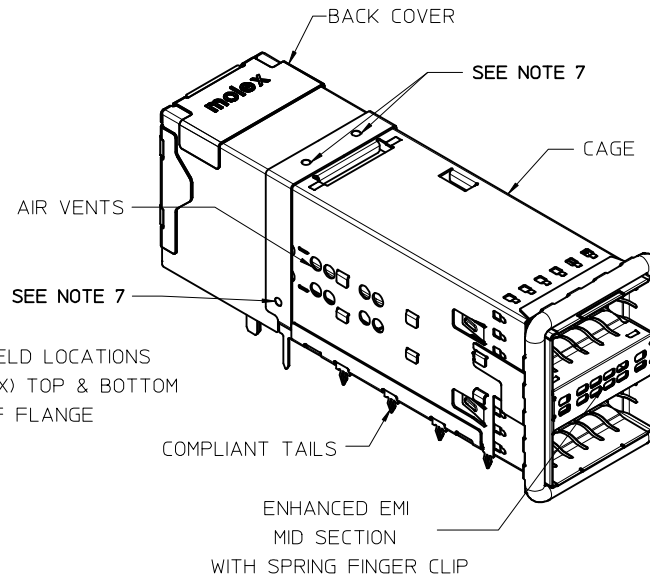
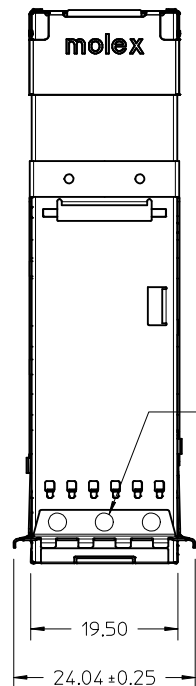
3. PACKAGING: PRODUCT PACKAGED IN TRAYS AND CARTONS

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.

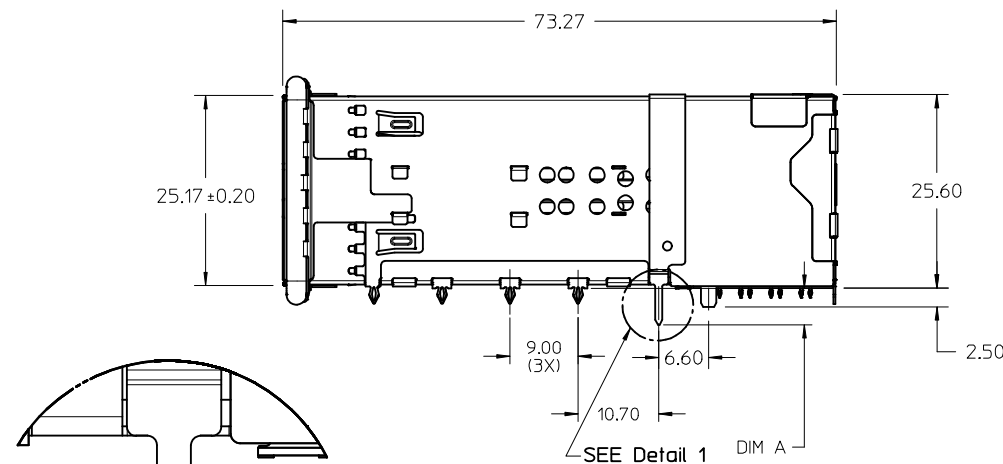
5. CONNECTOR MATES WITH PLUG CABLE SERIES 74757 AND 74758

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

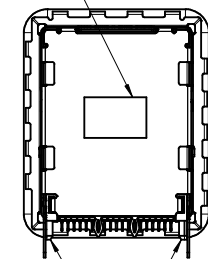
7. SOLDER STRAP TO BE LASER WELDED IN APPROXIMATE LOCATIONS SHOWN.



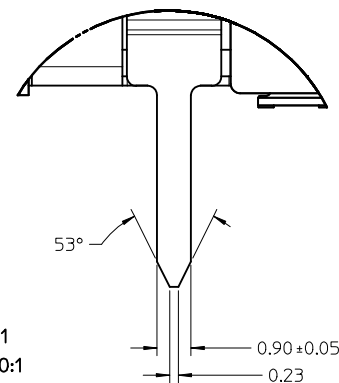
76871-1108 SHOWN
 W/O GASKET, SEE
 SHEET 2 FOR OTHER
 OPTIONS



DATE CODE
 LOCATION
 SEE NOTE 6



LOCATING PEGS



Detail 1
 Scale 10:1

UPDATED COSMETIC SPEC NUMBER EC NO: UCP2014-1269 DRWN:HAVERY 2013/08/02 CHKD: MBANAKIS APPR:MBANAKIS 2013/10/08	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 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	±---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			1 PLACE	±0.25	±---	SEE SHEET 2		SD-76871-1150	
REV			ANGULAR ±12°		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		

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



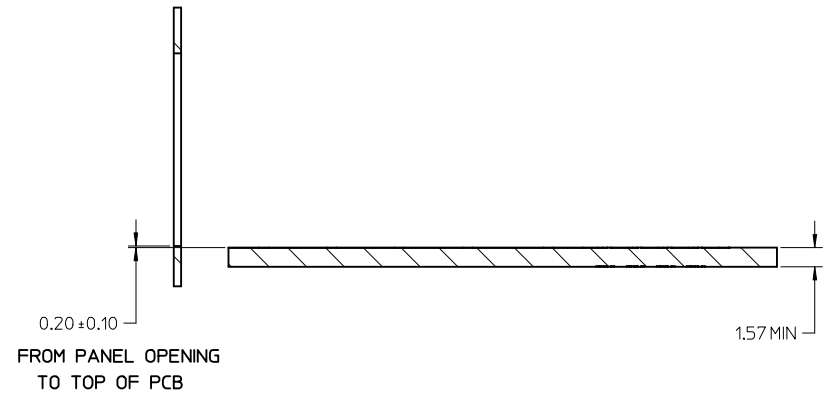
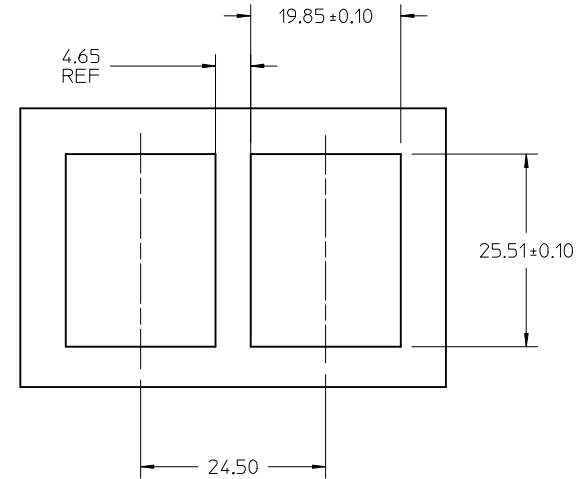
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76871-1157



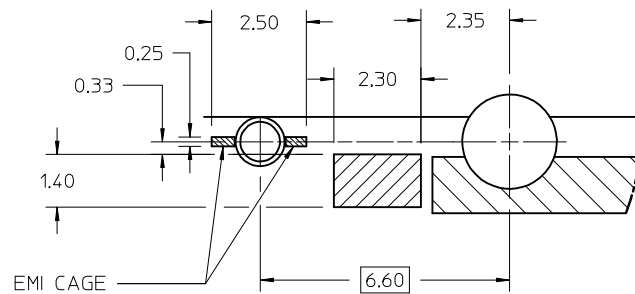
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76871-1158



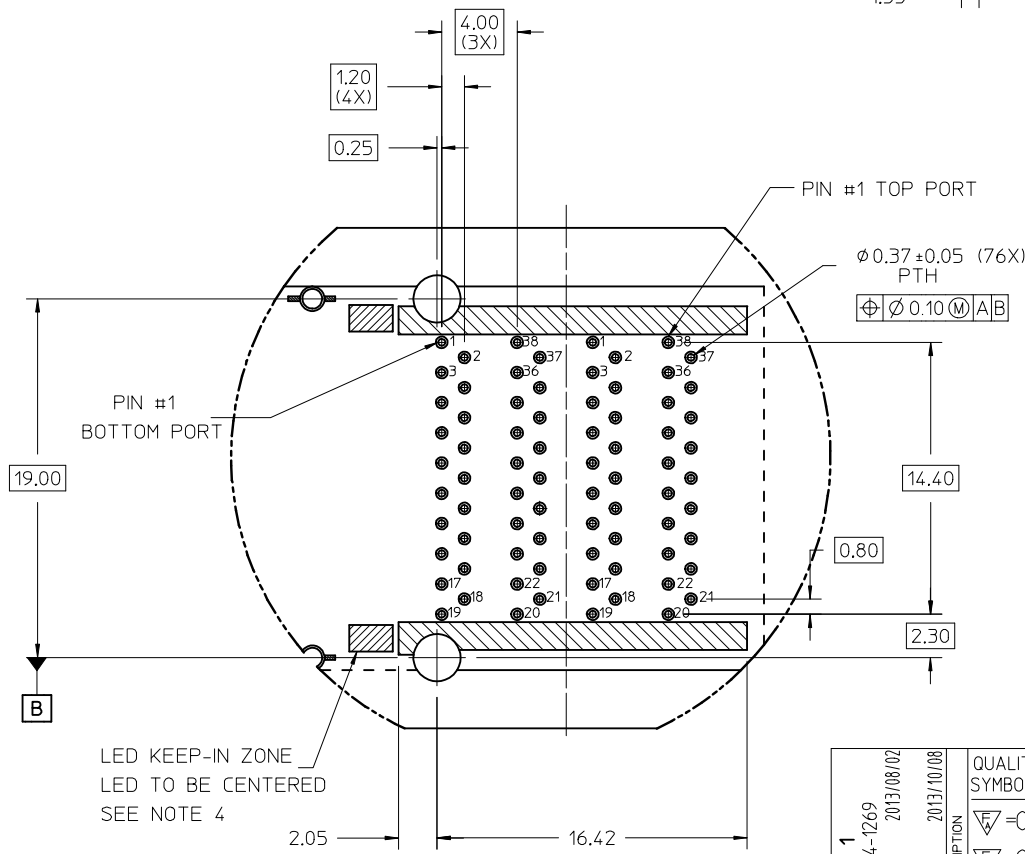
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76871-1156
76871-1159



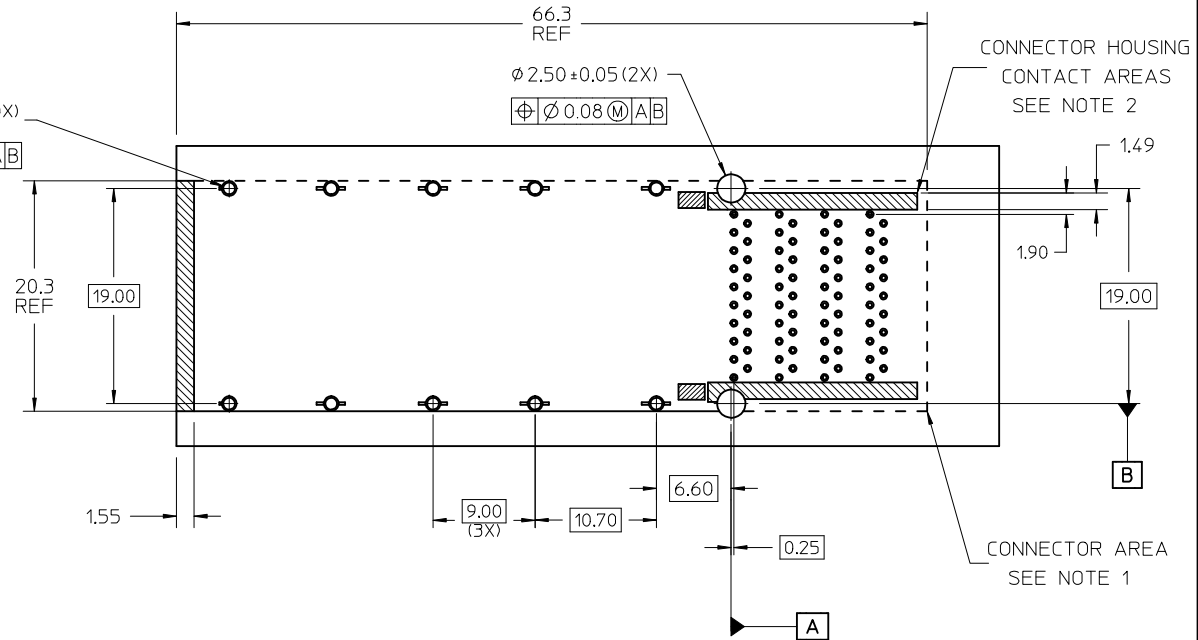
SEE SHEET 1 EC NO: UCP2014-1269 DRWN:HAVERY 2013/08/02 CHKD: APPR:MBANAKIS 2013/10/08	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY HAVERY	DATE 2013/01/31	TITLE QSFP 2X1 ASSEMBLY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



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 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	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 3 OF 3		
REV			ANGULAR ±1/2°		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					