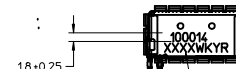
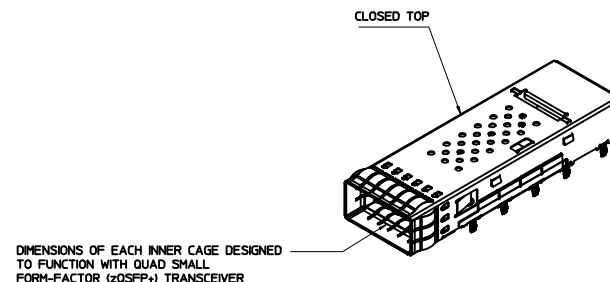
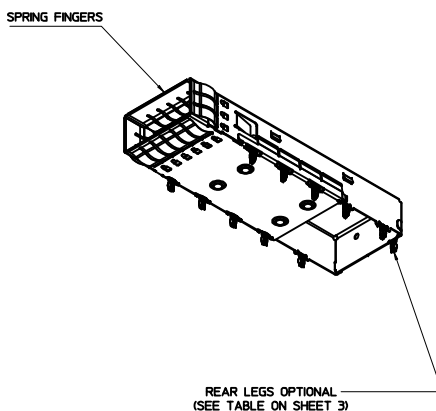
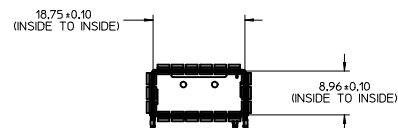
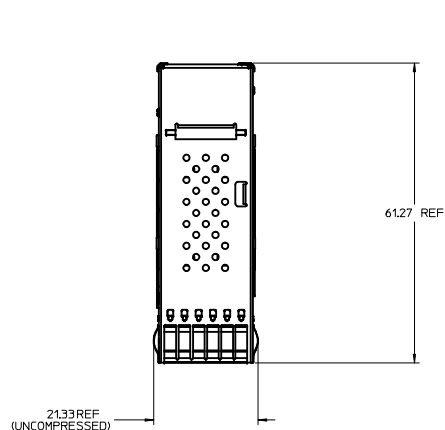


WM 3D MODEL: TM-100014-1200

BASE CAGE DETAILS

1000141242

SHOWN



NOTES:

1. DIMENSIONS MARKED ▼ ARE CRITICAL TO FUNCTION OF THE PART AND MUST BE INSPECTED
2. DRAWING APPLIES TO ALL P/N'S SHOWN ON PAGE 3
3. DURING INCOMING INSPECTION, CAGE LEG LOCATIONS AND STRAIGHTNESS MUST BE CHECKED USING APPROPRIATE GO - NO GO GAGE
4. DURING INCOMING INSPECTION, CAGE MUST BE INSPECTED TO MAKE SURE LEG CONFIGURATIONS AND PART NUMBERS ARE CORRECT, USE SHEETS 3, 4 AND 5
5. PARTS TO BE INSPECTED PER MOLEX COSMETIC SPEC WI-HP-7-2774 (CLASS B UNLESS OTHERWISE SPECIFIED)
6. PRESS-FIT LEGS 2.44 [0.096] LONG -
1.57 [0.062] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
3.00 [0.118] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
7. NO RoHS EXEMPTIONS

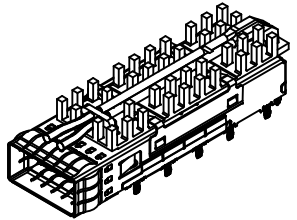
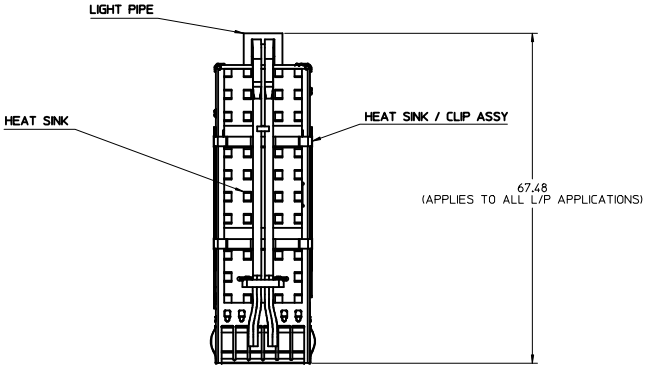
WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR
YR	12, 13, 14 ETC... (EXAMPLE: YEAR 2012= 12)

SEE REVISION TABLE	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm INCH				MM ONLY		2:1	METRIC	
	▽=0	4 PLACES	±	---	±	---	DRAWN BY	DATE	TITLE		
	▽=0	3 PLACES	±	---	±	---	BREED	2012/09/04	ZQSFF+ 1X1 GANGED CAGE		
	▽=0	2 PLACES	±	0.13	±	---	CHECKED BY	DATE	ASSY'S (SPRING FINGER)		
	▽=0	1 PLACE	±	0.25	±	---	TPRICE	2012/09/04	WITH H/S & L/P OPTIONS		
	▽=0	0 PLACE	±	---	±	---	APPROVED BY	DATE	molex		
							KLLOYD	2013/04/08			
			ANGULAR ± 2 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE DRAWING		SD-100014-1200		1 OF 7
						SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

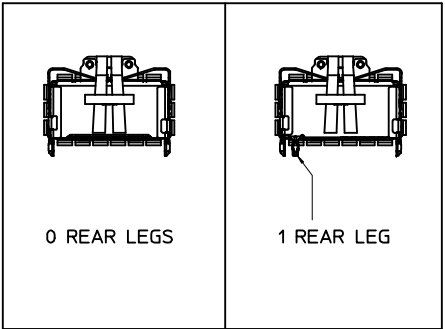
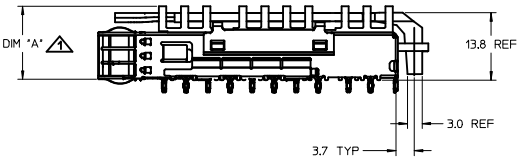
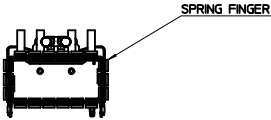
CAGE ASSEMBLY OPTIONS

1000141544

SHOWN



REAR LEG OPTIONS

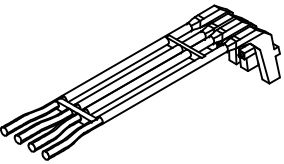
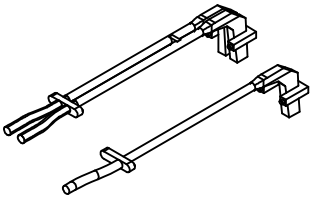


HEATSINK AND LIGHT PIPE COMBINATIONS

HEATSINK
USED
WITHOUT
LIGHTPIPE

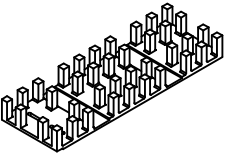
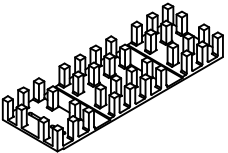
SINGLE / DUAL LIGHT PIPE

QUAD LIGHT PIPE



HEATSINK

HEATSINK



HEATSINK HEIGHT OPTIONS

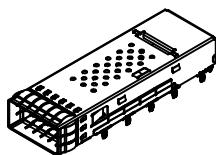
OVERALL HEAT SINK HEIGHT	DIM "A"
PCI	13.7
SAN	16.0
NET	23.0

HEIGHT OF HEAT SINK WITH MODULE INSERTED.
DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS

SEE REVISION TABLE EC NO: CPG2013-3839 DRAWN BY: CHYD-JERWIN CHECKED BY: APPR-KLLOYD DATE: 2013/06/26 DATE: 2013/07/01 DATE: 2013/07/03	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± --- ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE ZQSFP+ 1X1 GANGED CAGE ASSY'S (SPRING FINGER) WITH H/S & L/P OPTIONS molex	MATERIAL NO. SEE DRAWING	DOCUMENT NO. SD-100014-1200	SHEET NO. 2 OF 7

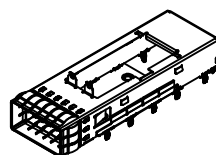
PART NUMBER SELECTION

NO HEATSINKS
NO LIGHT PIPES
CLOSED TOP



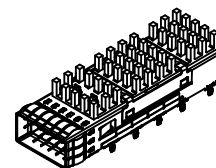
MOLEX P/N W/ SPRING FINGERS	# OF REAR LEGS PER PORT
1000141240	0
1000141242	1

NO HEATSINKS
NO LIGHT PIPES
OPEN TOP



MOLEX P/N W/ SPRING FINGERS	# OF REAR LEGS PER PORT
1000141250	0
1000141252	1

WITH HEATSINKS
NO LIGHT PIPES

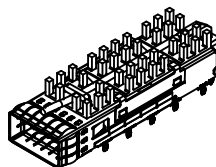


MOLEX P/N	HEATSINKS	#OF REAR LEGS PER PORT
1000141340	PCI	0
1000141341	SAN	0
1000141342	NET	0
1000141343	PCI	1
1000141344	SAN	1
1000141345	NET	1

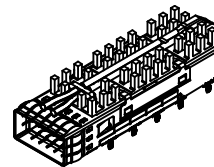
WITH HEATSINKS AND LIGHT PIPES

MOLEX P/N	LIGHTPIPES	HEATSINKS	#OF REAR LEGS PER PORT
1000141440	SINGLE	PCI	0
1000141441	SINGLE	SAN	0
1000141442	SINGLE	NET	0
1000141443	DUAL	PCI	0
1000141444	DUAL	SAN	0
1000141445	DUAL	NET	0
1000141446	QUAD	PCI	0
1000141447	QUAD	SAN	0
1000141448	QUAD	NET	0
1000141540	SINGLE	PCI	1
1000141541	SINGLE	SAN	1
1000141542	SINGLE	NET	1
1000141543	DUAL	PCI	1
1000141544	DUAL	SAN	1
1000141545	DUAL	NET	1
1000141546	QUAD	PCI	1
1000141547	QUAD	SAN	1
1000141548	QUAD	NET	1

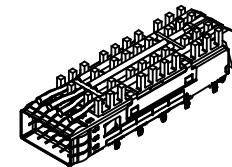
SINGLE LIGHT PIPE



DUAL LIGHT PIPE

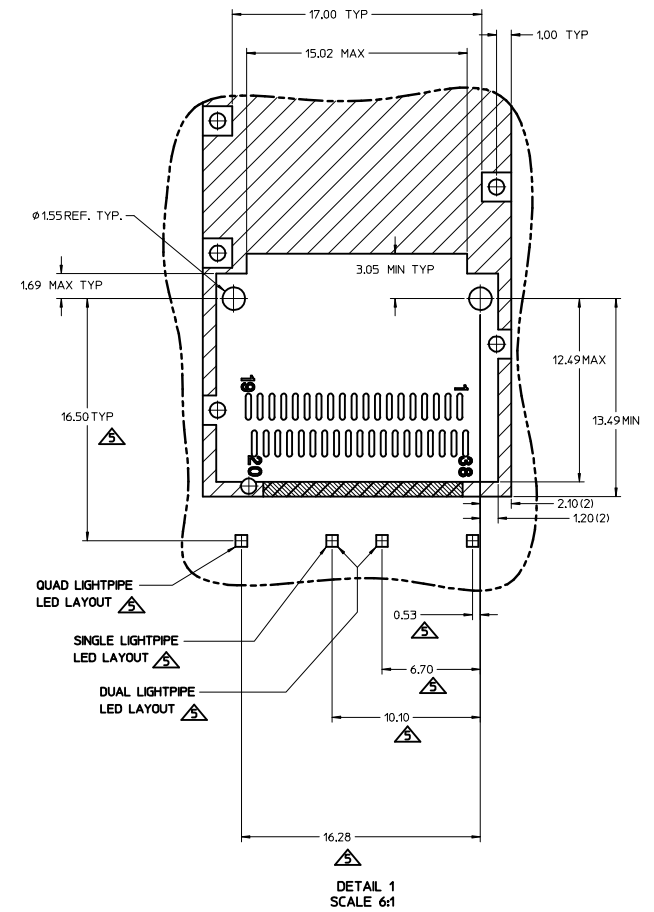
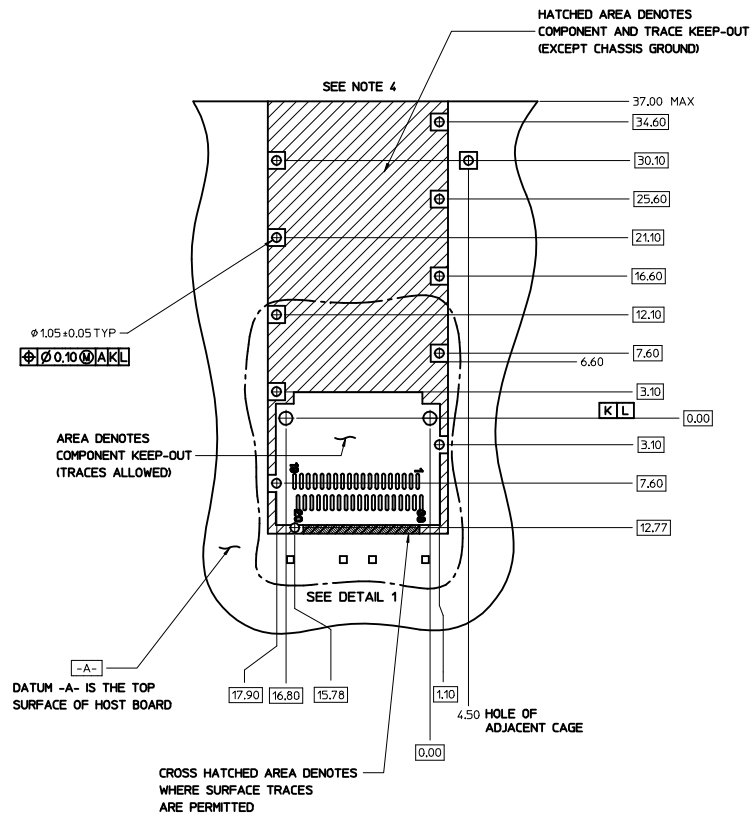


QUAD LIGHT PIPE



SEE REVISION TABLE IEC NO: CPG2013-3839 DRAWN BY: CHYD:JERWIN 2013/07/01 CHECKED BY: APPR:KLLOYD 2013/07/03 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	mm	DRAWN BY DATE BREED 2012/09/04	TITLE ZQSFP+ 1X1 GANGED CAGE ASSY'S (SPRING FINGER) WITH H/S & L/P OPTIONS	
	▽=0	3 PLACES ± --- ± ---	INCH	CHECKED BY DATE TPRICE 2012/09/04		
	▽=0	2 PLACES ± 0.13 ± ---		APPROVED BY DATE KLLOYD 2013/04/08		
		1 PLACE ± 0.25 ± ---		MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		0 PLACE ± --- ± ---		SEE DRAWING	SD-100014-1200	3 OF 7
		ANGULAR ± 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				

PCB LAYOUT FOR SINGLE SIDED MOUNTING

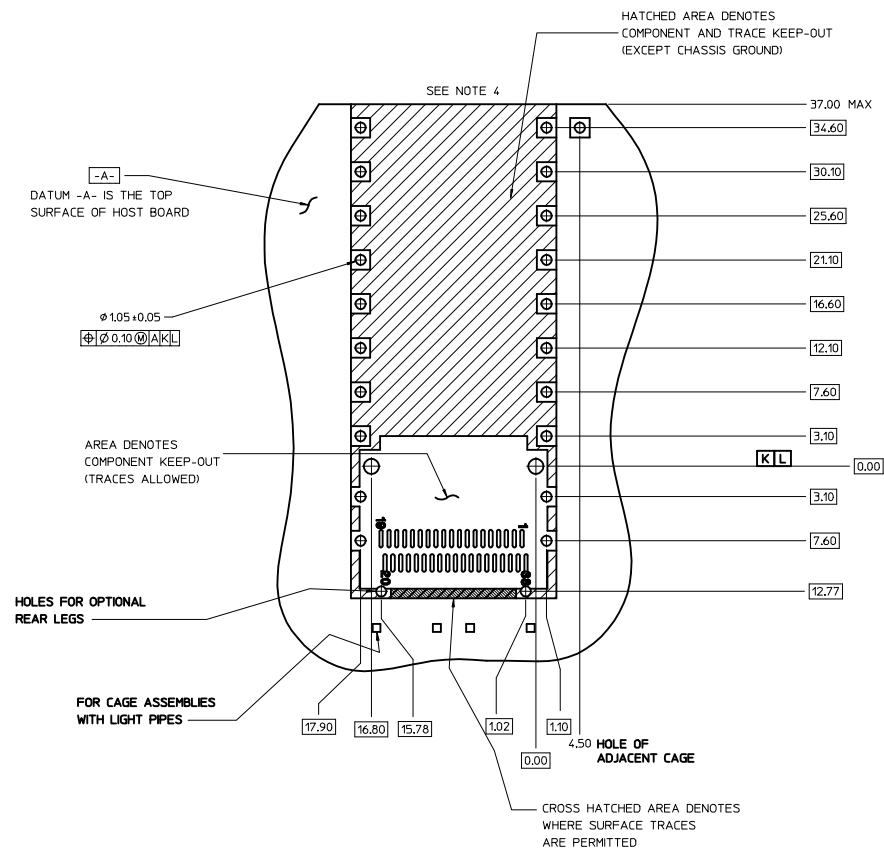


NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERIES 170432.
 4. HOLE PATTERN REPEATS FOR EACH PORT.
- NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.

SEE REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: CPG2013-3839		DRAWN BY: 2013/06/26		mm		MM ONLY		3.5:1		METRIC		DATE	
DRAWN BY: 2013/06/26		CHECKED BY: 2013/07/01		INCH		DATE		DATE		DATE		DATE	
CHECKED BY: 2013/07/01		APPROVED BY: 2013/07/08		4 PLACES ± --- ± ---		BRED		2012/09/04		2012/09/04		2012/09/04	
APPROVED BY: 2013/07/08		APPROVED BY: 2013/07/08		3 PLACES ± --- ± ---		TPRICE		2012/09/04		2012/09/04		2012/09/04	
APPROVED BY: 2013/07/08		APPROVED BY: 2013/07/08		2 PLACES ± 0.13 ± ---		APPROVED BY: 2013/04/08		2013/04/08		2013/04/08		2013/04/08	
APPROVED BY: 2013/07/08		APPROVED BY: 2013/07/08		1 PLACE ± 0.25 ± ---		KLOYD		2013/04/08		2013/04/08		2013/04/08	
APPROVED BY: 2013/07/08		APPROVED BY: 2013/07/08		0 PLACE ± --- ± ---		KLOYD		2013/04/08		2013/04/08		2013/04/08	
APPROVED BY: 2013/07/08		APPROVED BY: 2013/07/08		ANGULAR ± 2 °		MATERIAL NO.		2013/04/08		2013/04/08		2013/04/08	
APPROVED BY: 2013/07/08		APPROVED BY: 2013/07/08		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE DRAWING		2013/04/08		2013/04/08		2013/04/08	
APPROVED BY: 2013/07/08		APPROVED BY: 2013/07/08				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS

NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMMODATE MOLEX CONNECTOR SERIES 170432.
4. HOLE PATTERN REPEATS FOR EACH PORT.

SEE REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: CPG2013-3839		DRAWN BY: JHATON		mm		MM ONLY		4:1		METRIC		THIRD ANGLE PROJECTION	
2013/06/26		CHECKED BY: JERWIN		INCH		DATE		DATE		DATE		DATE	
2013/07/01		APPROVED BY: KLOYD		4 PLACES ± ---		BREED		2012/09/04		2012/09/04		2012/09/04	
2013/07/03				3 PLACES ± ---		TPRICE		2012/09/04		2012/09/04		2012/09/04	
				2 PLACES ± 0.13		APPROVED BY: KLOYD		2013/04/08		2013/04/08		2013/04/08	
				1 PLACE ± 0.25		MATERIAL NO.		SEE DRAWING		DOCUMENT NO.		SD-100014-1200	
				0 PLACE ± ---		SIZE		D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 5 OF 7	
				ANGULAR ± 2°									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

[illegible]