



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



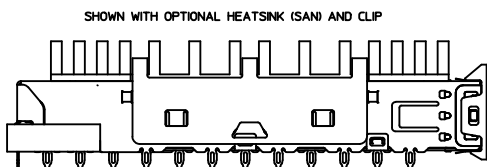
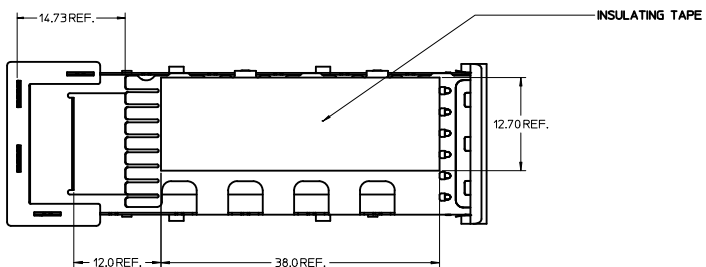
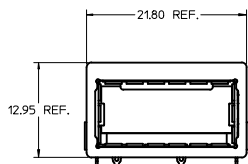
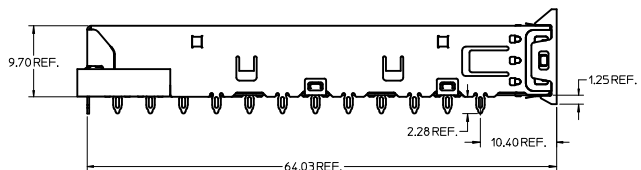
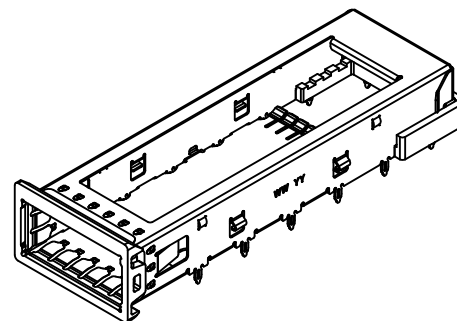
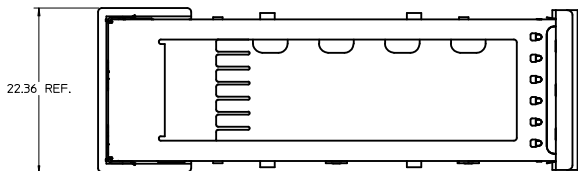
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

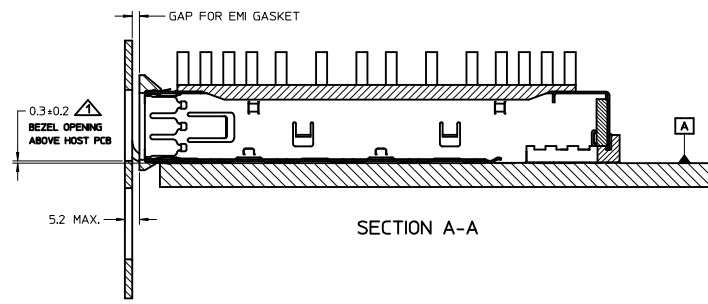
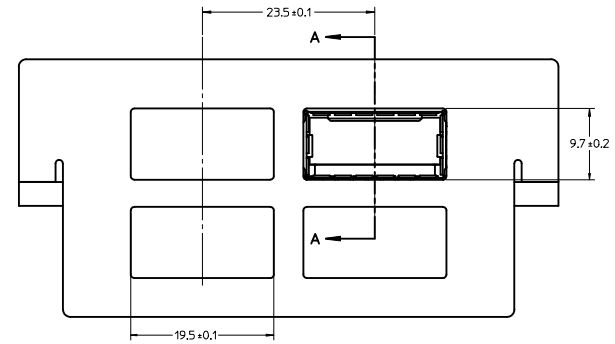
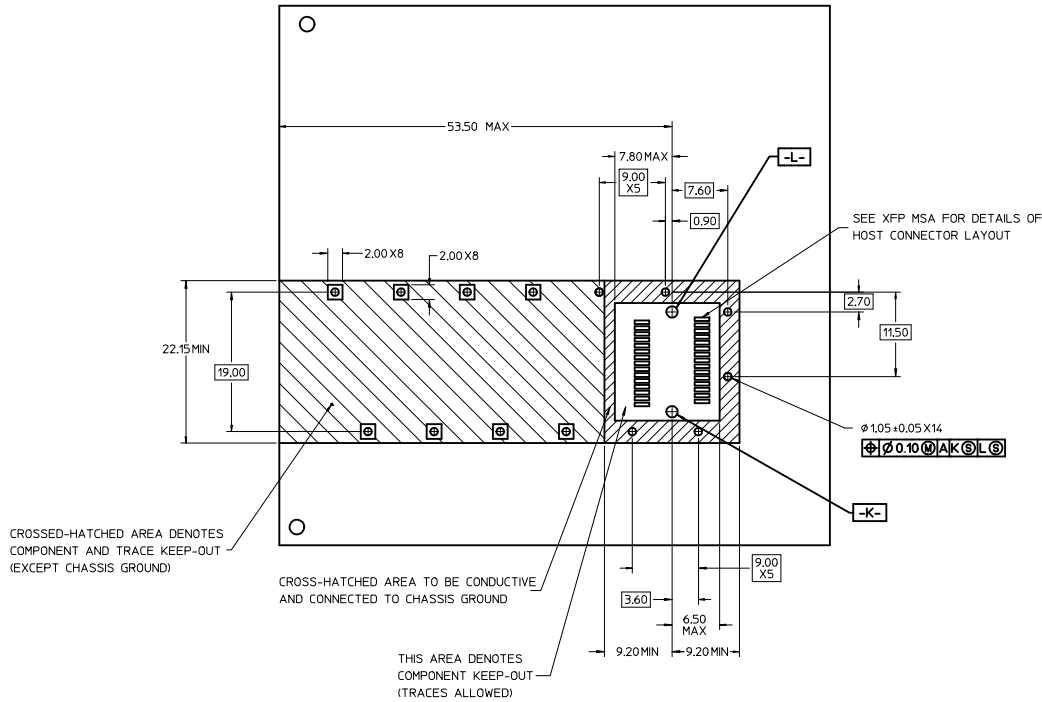
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





1. PRESS FIT LEGS 2.28mm [0.090"]
2. SINGLE SIDED BOARD THICKNESS
 NOMINAL: 1.60 [0.062"]
 MINIMUM: 1.44 [0.057"]
 BELLY TO BELLY BOARD THICKNESS
 NOMINAL: 2.30 [0.090"]
 MINIMUM: 2.07 [0.081"]
3. REFERENCE DOCUMENTS:
 PRODUCT SPECIFICATION: XFP MSA
4. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2009/95/EC).

ADDED NOTE PG 2 EC NO: USY2011-0301 DRAWN: JERWIN CHECKED: CHIRSCHY APPROVED: RAHMOOD DATE: 2010/03/01	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	3:1	METRIC		
				DRAWN BY: JERWIN DATE: 2008/09/10		TITLE: XFP CAGE ASSEMBLY W/ INSULATING TAPE		
				CHECKED BY: CHIRSCHY DATE: 2008/08/10		APPROVED BY: RAHMOOD DATE: 2010/11/23		
		1 PLACE ±0.25 ±---		MATERIAL NO. 747360451		MOLEX INCORPORATED		
		ANGULAR ± 1°		DOCUMENT NO. SD-74736-0451		SHEET NO. 1 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				

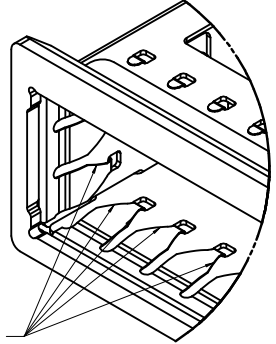
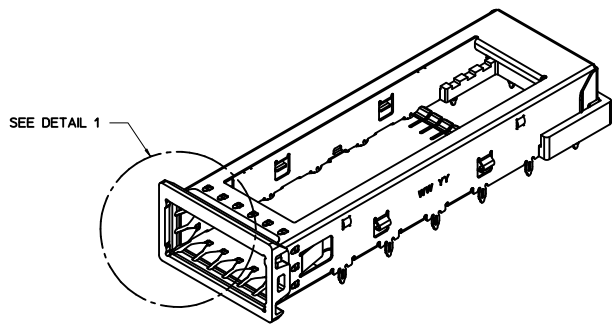
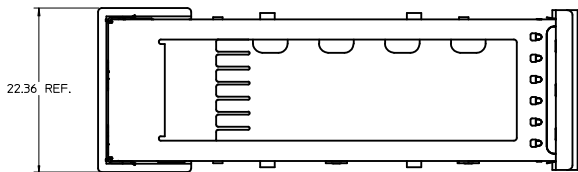


▲ FOR PCI APPLICATIONS RECOMMENDED DIMENSION IS 0.4 ± 0.1

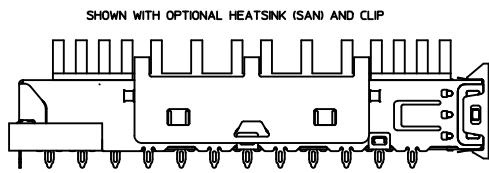
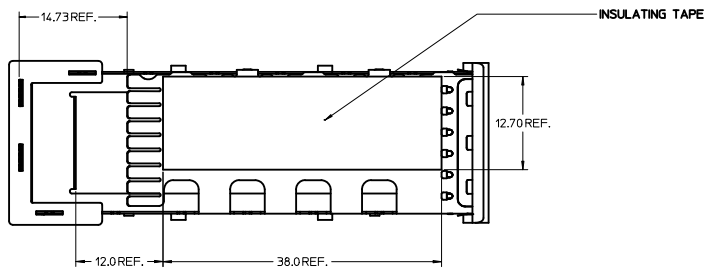
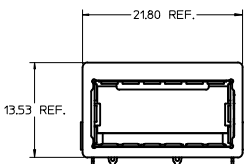
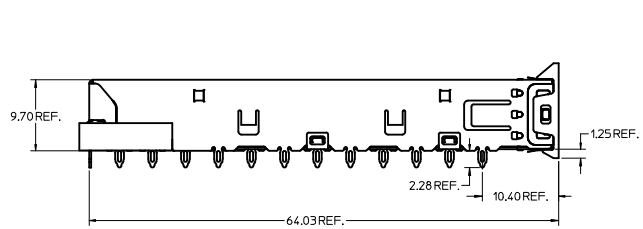
ADDED NOTE PG 2 EC NO: USY2011-0301 DRAWN: JERWIN 2010/03/01 CHKD: CHIRSCHY APPR: RAHMOOD 2010/11/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	MM ONLY	3:1	METRIC	TITLE: XFP CAGE ASSEMBLY W/ INSULATING TAPE DATE: 2008/09/10 DATE: 2008/08/10 DATE: 2010/11/23
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO: 747360451 DOCUMENT NO: SD-74736-0451	MOLEX INCORPORATED		SHEET NO: 2 OF 3	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

DATE	REV	DESCRIPTION
2008/09/10	A	1. INITIAL RELEASE
2009/05/07	B	1. REMOVED ISO VIEW FROM PAGE 1
		2. ADDED NOTES TO PAGE 1
		3. REMOVED NOTE 2 FROM PAGE 2
		4. REMOVED NOTE 3 FROM PAGE 1 AND RENUMBERED REMAINING NOTES
2010/03/01	C	1. ADDED NOTE - THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED) PAGE 2.

REMOVED ISO VIEW IEC NO. USY2011-0301 DRAWN: JERWIN 2010/03/01 CHECKED: CHIRSCHY APPROVED: RMAHMOOD 2010/11/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	▽=0 ▽=0	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.10</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> </tbody> </table> ANGULAR ± 1°		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.10	±---	1 PLACE	±0.25	±---	MM ONLY DRAWN BY: JERWIN DATE: 2008/09/10 CHECKED BY: CHIRSCHY DATE: 2008/08/10 APPROVED BY: RMAHMOOD DATE: 2010/11/23	1:1	METRIC	TITLE: XFP CAGE ASSEMBLY W/ INSULATING TAPE MOLEX INCORPORATED
		mm	INCH																		
	4 PLACES	±---	±---																		
3 PLACES	±---	±---																			
2 PLACES	±0.10	±---																			
1 PLACE	±0.25	±---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 747360451 DOCUMENT NO. SD-74736-0451	SHEET NO. 3 OF 3																			
SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				



DETAIL 1
SCALE 8:1







1. PRESS FIT LEGS 2.28mm [0.090"]
2. SINGLE SIDED BOARD THICKNESS
 NOMINAL: 1.60 [0.062"]
 MINIMUM: 1.44 [0.057"]
 BELLY TO BELLY BOARD THICKNESS
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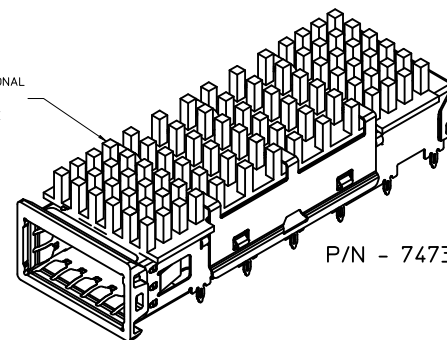
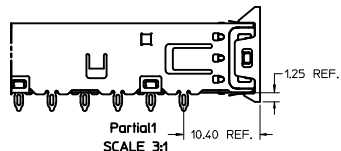
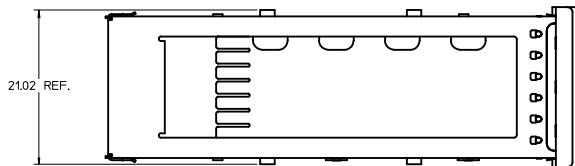
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		4 PLACES ±.005 ±.005	3 PLACES ±.005 ±.005	2 PLACES ±0.10 ±.005	1 PLACE ±0.25 ±.005	mm INCH	DRAWN BY DATE JERWIN 2010/11/03	TITLE XFP CAGE ASSEMBLY W/ INSULATING TAPE		
		ANGULAR ± 1°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED		
		MATERIAL NO. 747360452		DOCUMENT NO. SD-74736-0452		SHEET NO. 1 OF 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

DATE	REV	DESCRIPTION
2010/11/03	A	1. INITIAL RELEASE

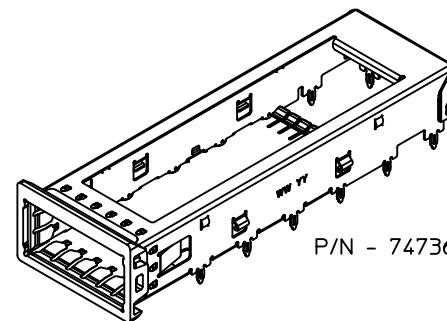
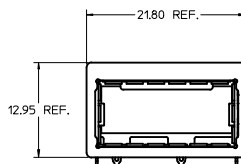
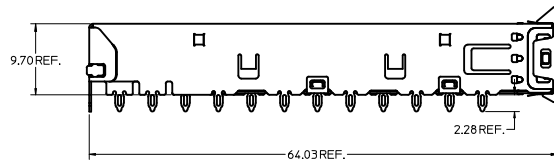
INITIAL RELEASE IEC NO. USY2011-0313 DRAWN BY: JERWIN 2010/11/03 CHECKED BY: CHIRSCHY 2010/11/03 APPROVED BY: MAHMOOD 2010/11/09	QUALITY SYMBOLS  = 0  = 0.1	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	mm INCH	DRAWN BY: JERWIN 2010/11/03 CHECKED BY: CHIRSCHY 2010/11/03 APPROVED BY: MAHMOOD 2010/11/09	TITLE XFP CAGE ASSEMBLY W/ INSULATING TAPE	 MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		WATERMARK NO. 747360452	DOCUMENT NO. SD-74736-0452		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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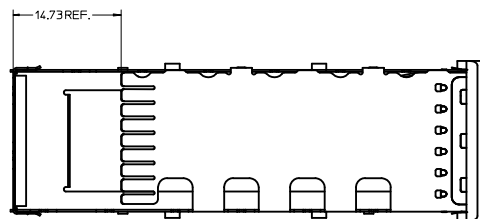


HEATSINK SINK AND CLIP ARE OPTIONAL
SEE CHART FOR HEATSINK OPTIONS
CUSTOM HEATSINKS ARE AVAILABLE

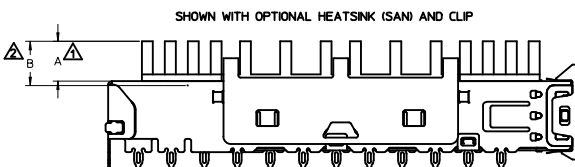
P/N - 747360212



P/N - 747360210

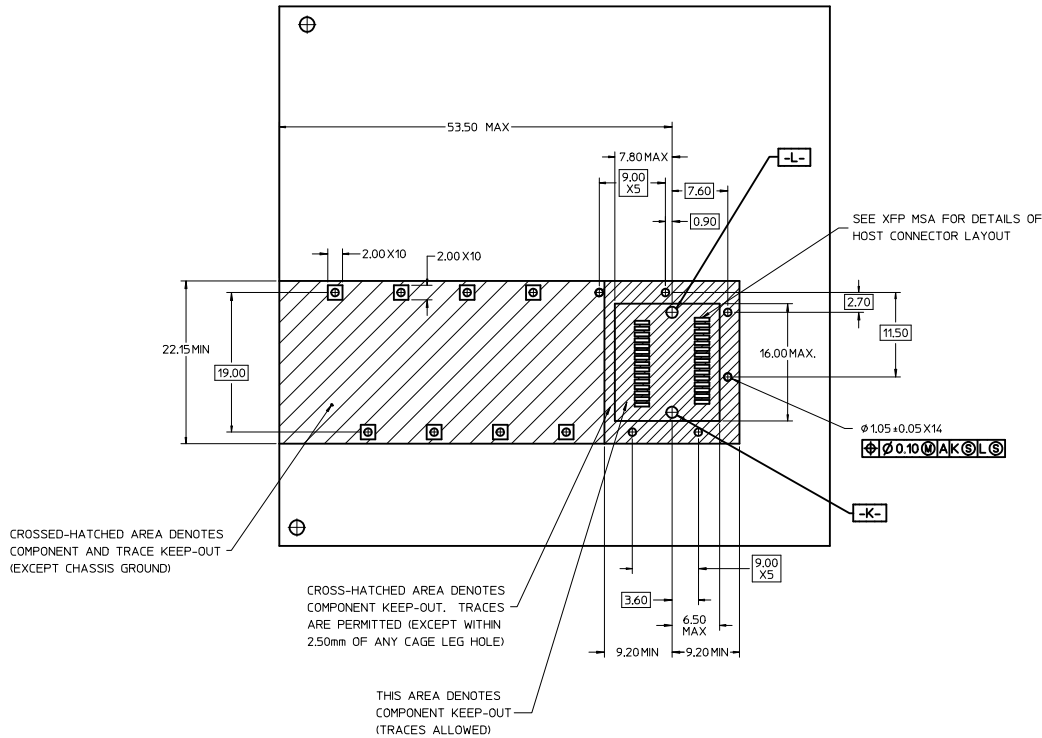


PART NUMBER FOR XFP CAGE ASSEMBLY & PARTS (W/OUT ELASTOMER EMI GASKET)					
P/N	DIM A	DIM B	DESCRIPTION	POWER LEVEL	THERMAL RESISTANCE @200 LFM
747360210	N/A	N/A	XFP CAGE WITH NO HEATSINK OR CLIP	N/A	N/A
747360211	4.0	4.2	XFP CAGE WITH PCI HEATSINK	UP TO 1.5W	<18.0 C/W
747360212	6.3	6.5	XFP CAGE WITH SAN HEATSINK (SHOWN)	UP TO 2.5W	<11.5 C/W
747360213	13.3	13.5	XFP CAGE WITH TALL HEATSINK	UP TO 3.5W	<8.0 C/W
747360230	N/A	N/A	HEATSINK CLIP ONLY	N/A	N/A
747360240	N/A	N/A	PCI HEATSINK ONLY	UP TO 1.5W	<18.0 C/W
747360241	N/A	N/A <td SAN HEATSINK ONLY	UP TO 2.5W	<11.5 C/W	
747360242	N/A	N/A	TALL HEATSINK ONLY	UP TO 3.5W	<8.0 C/W

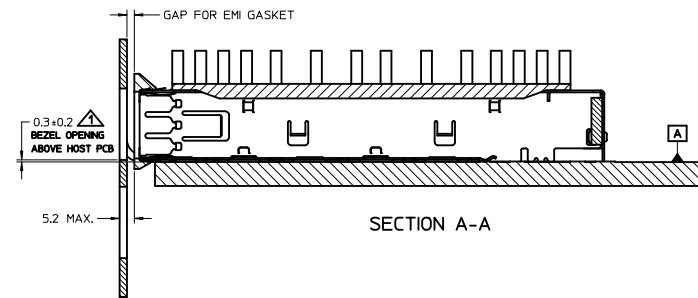
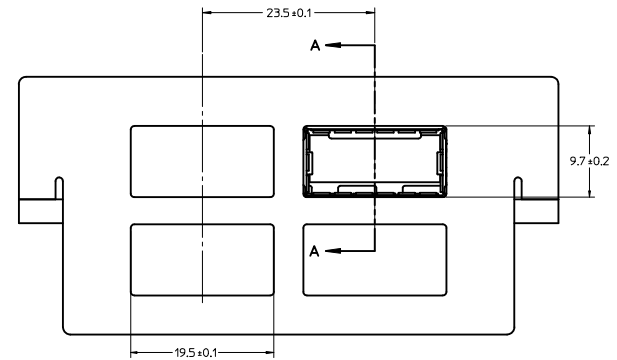


- ▲ MAXIMUM HEIGHT OF HEATSINK WITH MODULE INSERTED
- ▲ OVERALL HEIGHT OF HEATSINK
- 3. OTHER HEATSINK DESIGNS ARE AVAILABLE INCLUDING CUSTOM DESIGNS

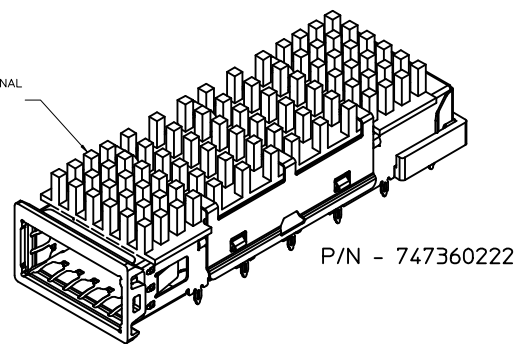
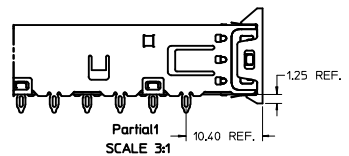
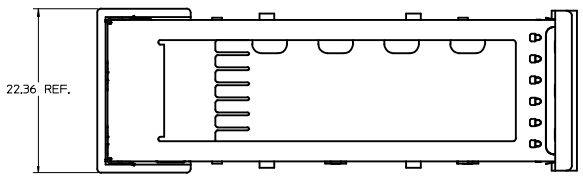
ADDED NOTE PG 2 EC NO: USY2011-0301 DRAWN BY: ERWIN 2010/06/07 CHECKED BY: CHYKCHIRSHY 2010/10/13 APPROVED BY: RAHMOOD 2010/11/23	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>3 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>2 PLACES</td> <td>±.010</td> <td>±.0005</td> </tr> <tr> <td>1 PLACE</td> <td>±.025</td> <td>±.0010</td> </tr> </table> ANGULAR ± 1°		mm	INCH	4 PLACES	±.005	±.0005	3 PLACES	±.005	±.0005	2 PLACES	±.010	±.0005	1 PLACE	±.025	±.0010	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
4 PLACES	±.005	±.0005																			
3 PLACES	±.005	±.0005																			
2 PLACES	±.010	±.0005																			
1 PLACE	±.025	±.0010																			
DRAWN BY: KLOYD 2004/12/02 CHECKED BY: BRUSSELL 2004/12/02 APPROVED BY: RAHMOOD 2010/11/23	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-74736-210	MOLEX INCORPORATED	TITLE XFP CAGE ASSEMBLY WITHOUT ELASTOMER EMI GASKET															



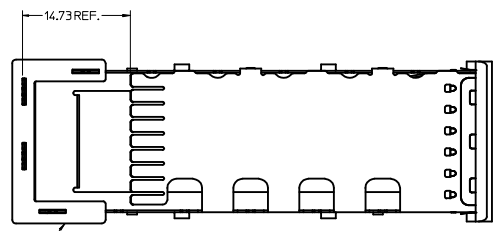
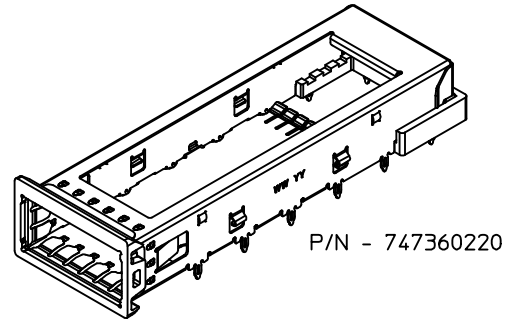
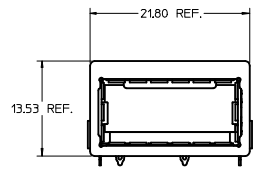
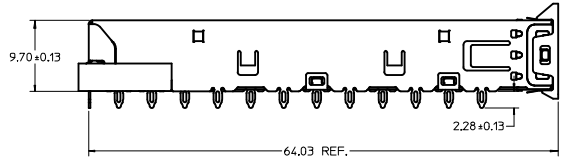
▲ FOR PCI APPLICATIONS RECOMMENDED DIMENSION IS 0.4 ±0.1



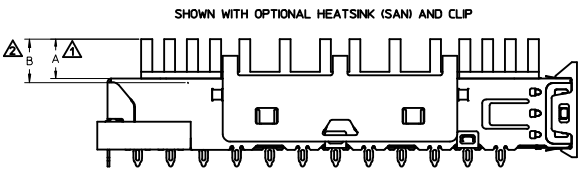
ADDED NOTE PG 2 E.C. NO.: USY2011-0301 DRAWN BY: ERWIN CHYKOLIRSHY APPROVED BY: RAHMOOD DATE: 2010/06/07 DATE: 2010/10/13 DATE: 2010/11/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ▽=0	4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.10 ±--- 1 PLACE ±0.25 ±--- ANGULAR ± 1°	MM ONLY	3:1	METRIC	DRAWN BY: DATE KLOYD 2004/12/02 CHECKED BY: DATE BRUSSELL 2004/12/02 APPROVED BY: DATE RAHMOOD 2010/11/23
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO. MOLEX INCORPORATED	DOCUMENT NO. SD-74736-210	TITLE XFP CAGE ASSEMBLY WITHOUT ELASTOMER EMI GASKET	SHEET NO. 2 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



HEATSINK SINK AND CLIP ARE OPTIONAL
SEE CHART FOR HEATSINK OPTIONS
CUSTOM HEATSINKS ARE AVAILABLE



COMPLIANT EMI GASKET
(DARK COLORED)



SHOWN WITH OPTIONAL HEATSINK (SAN) AND CLIP

- ▲ MAXIMUM HEIGHT OF HEATSINK WITH MODULE INSERTED
- ▲ OVERALL HEIGHT OF HEATSINK
- 3. OTHER HEATSINK DESIGNS ARE AVAILABLE INCLUDING CUSTOM DESIGNS

PART NUMBER FOR XFP CAGE ASSEMBLY & PARTS					
P/N	DIM A	DIM B	DESCRIPTION	POWER LEVEL	THERMAL RESISTANCE @200 LFM
747360220	N/A	N/A	XFP CAGE WITH NO HEATSINK OR CLIP	N/A	N/A
747360221	4.0	4.2	XFP CAGE WITH PCI HEATSINK	UP TO 1.5W	<18.0 C/W
747360222	6.3	6.5	XFP CAGE WITH SAN HEATSINK (SHOWN)	UP TO 2.5W	<11.5 C/W
747360223	13.3	13.5	XFP CAGE WITH TALL HEATSINK	UP TO 3.5W	<8.0 C/W
747360230	N/A	N/A	HEATSINK CLIP ONLY	N/A	N/A
747360240	N/A	N/A	PCI HEATSINK ONLY	UP TO 1.5W	<18.0 C/W
747360241	N/A	N/A	SAN HEATSINK ONLY	UP TO 2.5W	<11.5 C/W
747360242	N/A	N/A	TALL HEATSINK ONLY	UP TO 3.5W	<8.0 C/W

SEE REVISION TABLE IEC NO: CPG2016-1906 DRAWN BY: DRWNEWANG07 CHECKED BY: CHYKORCHEN08 APPROVED BY: APPRCHEN08 DATE: 2015/11/05 DATE: 2015/11/05 DATE: 2015/11/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉	
	▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	DRAWN BY DATE KLOYD 2004/05/14	TITLE	XFP CAGE ASSEMBLY		
	▽=0	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY DATE BRUSSELL 2004/08/05	APPROVED BY DATE RMAHMOOD 2010/11/09	MATERIAL NO. SD-74736-220		
SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 3		molex			

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

DATE	REV	DESCRIPTION
2015/11/05	G	SHEET 1: H15: CHANGED DIM 2.28 REF. TO DIM 2.28 +/-0.13. H19: CHANGED DIM 9.70 REF. TO DIM 9.70 +/-0.13.

SEE REVISION TABLE IEC NO: CPG2016-1906 G DRAWN: WANG07 2015/11/05 CHYKOR: CHEN08 2015/11/05 APPR: RCHEN08 2015/11/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± mm ± INCH	3 PLACES ± --- ± ---	DRAWN BY KLLOYD	DATE 2004/05/14	TITLE XFP CAGE ASSEMBLY		
		2 PLACES ± 0.10 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY BRUSSELL	DATE 2004/08/05	MATERIAL NO.		
		0 PLACE ± ±	ANGULAR ± 1 °	APPROVED BY RMAHMOOD	DATE 2010/11/09	DOCUMENT NO. SD-74736-220	SHEET NO. 3 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

