

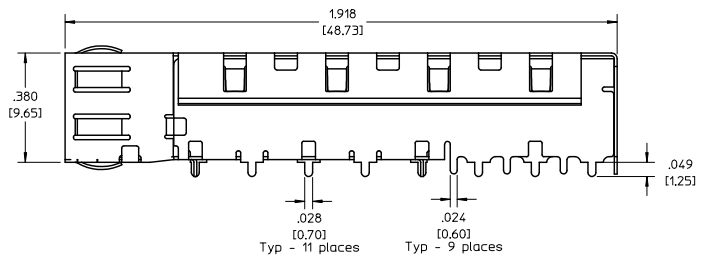
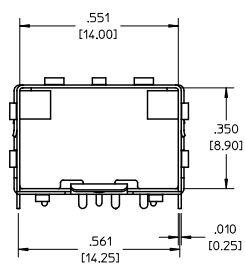
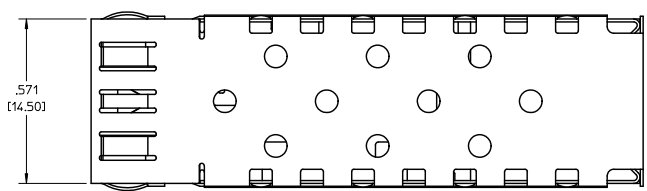
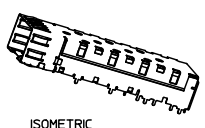
SFP Cage - Exploded View

- 1 Material tin plated phosphor-bronze or comparable alloy .010" thick.
- 2 Cage accepts all MSA Small Form-factor Pluggable adapters such as Molex patch cable assembly 73929.
- 3 Sales Drawing Set SD-73927-001 depicts details of press-fit version of cage.
- 4 Sales Drawing Set SD-73927-003 depicts details of surface mount version of cage.

ASSOCIATED PARTS	
MATERIAL NO.	DESCRIPTION
73927-0020	SFP CAGE COVER
73927-0040	SFP CAGE BASE

RE-RELEASE - FIX GLITCH EC NO. USY2010-0495 DRWN:MMCKERVEY2010/04/19 CHKD:KJANOTA 2010/04/27 APPR:KJANOTA 2010/04/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE														
	▼ .0 ▽ .0		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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>± .005</td> <td>± .0005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.13</td> <td>± .005</td> </tr> </tbody> </table>				mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .005	± .0005	2 PLACES	± .005	± .0005	1 PLACE	± 0.13	± .005
		mm	INCH																	
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		DRAFT WHERE APPLICABLE	DIMENSION STYLE		SFP CAGE ASSEMBLY SOLDER POST VERSION															
		MUST REMAIN WITHIN DIMENSIONS	IN/MM		MOLEX INCORPORATED															
B1			DRAWN BY	DATE	MATERIAL NO.	DOCUMENT NO.														
			DIRKERS	2000/09/05	73927-0002	SD-73927-002														
			CHECKED BY	DATE	SHEET NO.															
			DOYE	2000/09/05	1 OF 6															
			APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
			RUSSELL	2000/09/05																

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 73927



1 Solder posts sized to fit MSA standard hole pattern and sizes

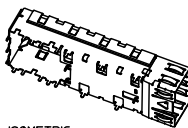
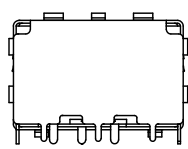
RE-RELEASE - FIX GLITCH EC NO: USY2010-0495 DRWN:MMCKRVEY2010/04/19 CHKD:KJANOTA 2010/04/27 APPR:KJANOTA 2010/04/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY													
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			mm	INCH															
		4 PLACES	± .005	± .0005															
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2 PLACES	± .005	± .0005																	
1 PLACE	± 0.13	± .005																	
ANGULAR ±1/2°	DRAWN BY DIRKERS DATE 2000/09/05	CHECKED BY DOYE DATE 2000/09/05	MATERIAL NO. 73927-0002																
DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY RUSSELL DATE 2000/09/05	DOCUMENT NO. SD-73927-002																
REV B1			SHEET NO. 2 OF 6																

tb_frame_B rev. B1 2000/08/01

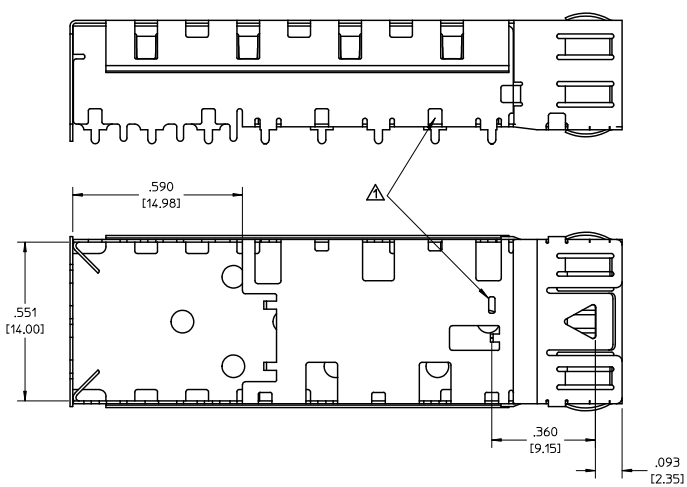
8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

10 9 8 7 6 5 4 3 2 73927

F
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ISOMETRIC
SCALE 1:1

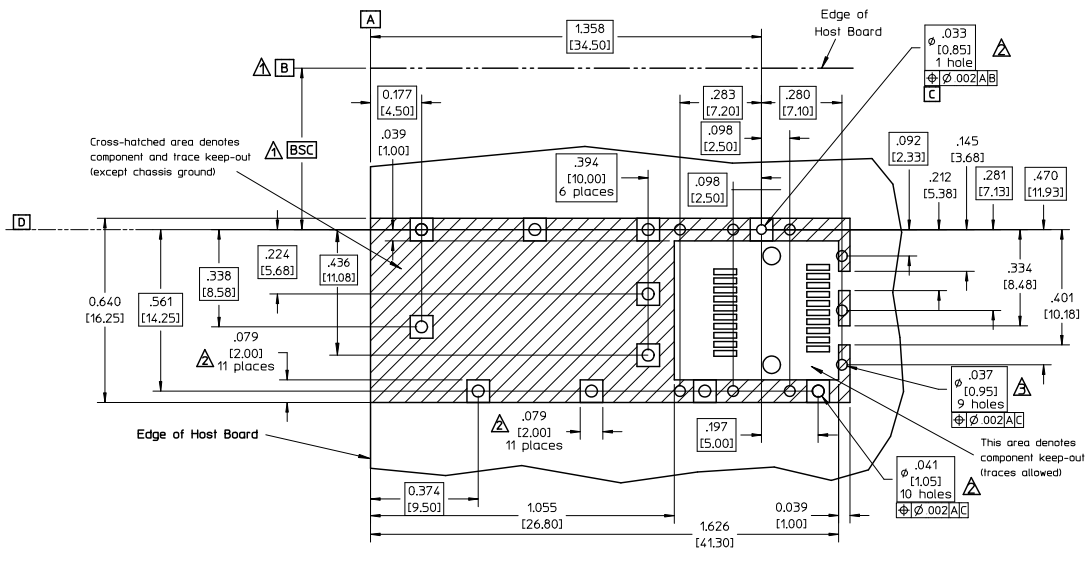


△ Countercuts accept press-fit pins or solder posts of cage mounted on underside of same host PCB.

RE-RELEASE - FIX GLITCH EC NO: USY2010-0495 DRWN:MMCKERVEY2010/04/19 CHKD:K.JANOTA 2010/04/27 APPR:K.JANOTA 2010/04/28 B1 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	▼ -0 ▽ -0	4 PLACES ± --- ± ---	DIMENSION STYLE IN/MM DRAWN BY DIRKERS DATE 2000/09/05 CHECKED BY DOYE DATE 2000/09/05 APPROVED BY RUSSELL DATE 2000/09/05	TITLE SFP CAGE ASSEMBLY SOLDER POST VERSION		
		3 PLACES ± --- ± .005		MATERIAL NO. 73927-0002 DOCUMENT NO. SD-73927-002 SHEET NO. 3 OF 6		
		2 PLACES ± --- ± ---	MOLLEX MOLEX INCORPORATED			
1 PLACE ± 0.13 ± ---	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						

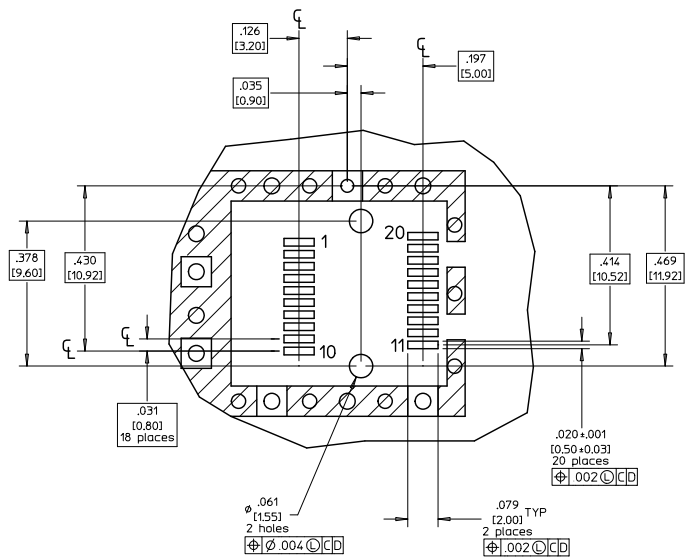
tb_frame_B
rev. B1 2000/08/01

8 7 6 5 4 3 2 1



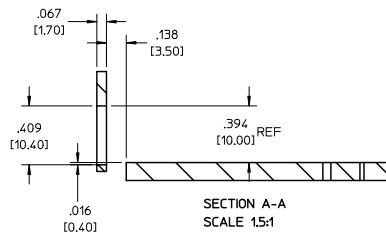
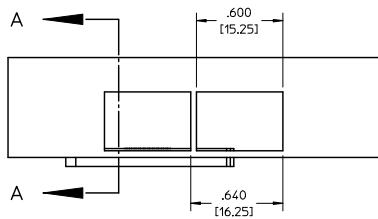
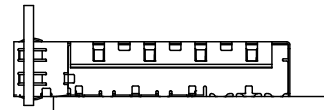
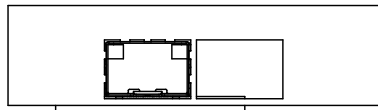
- △ Datum and basic dimensions established by customer.
- △ Vias and pads chassis ground, plated through, 11 places. Pads optional.
- △ Holes optionally plated through.
- 4. Hole pattern allows two parts to be mounted "belly-to-belly" on .090-.125" nom. boards. Hole layout shown for one side only. Transceiver profile determines minimum board thickness in "belly-to-belly" applications.
- 5. "Belly-to-belly" mounting on boards < .090" nom. requires modifying some cage features.

RE-RELEASE - FIX GLITCH EC NO: USY2010-0495 DRAWN: MWCKERVEY2010/04/19 CHKD: K.JANOTA 2010/04/27 APPR: K.JANOTA 2010/04/28 REV B1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	▽ - 0	4 PLACES ± --- ± ---	DIMENSION STYLE IN/MM		TITLE SFP CAGE ASSEMBLY SOLDER POST VERSION	
	▽ .0	3 PLACES ± --- ± .005	DRAWN BY DIRKERS	DATE 2000/09/05	MATERIAL NO. 73927-0002	
		2 PLACES ± --- ± ---	CHECKED BY DOYE	DATE 2000/09/05	DOCUMENT NO. SD-73927-002	SHEET NO. 4 OF 6
	1 PLACE ± 0.13 ± ---	ANGULAR ±1/2°	APPROVED BY RUSSELL	DATE 2000/09/05	MATERIAL NO. 73927-0002	
		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			



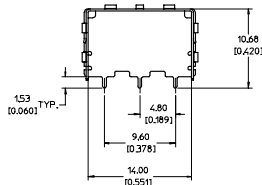
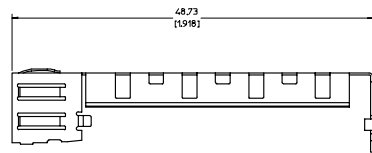
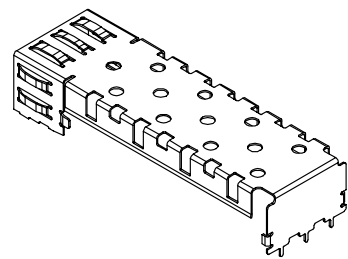
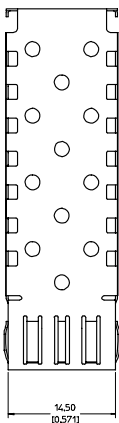
- 1 Hole pattern shown depicts both sets of holes needed for mounting two cages "belly-to-belly".
- 2 Connector pad pattern per MSA, will accommodate surface mount Molex connector 74441-0001 or equivalent.

RE-RELEASE - FIX GLITCH EC NO. USY2010-04/95 DRWN:MMCKERVEY2010/04/19 CHKD:KJANOTA 2010/04/27 APPR:KJANOTA 2010/04/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
	DESCRIPTION ▼ - 0 ▽ - 0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± --- ± --- 1 PLACE ± 0.13 ± --- ANGULAR ± 1/2°	DIMENSION STYLE IN/MM DRAWN BY DIRKERS DATE 2000/09/05 CHECKED BY DOYE DATE 2000/09/05 APPROVED BY RUSSELL DATE 2000/09/05	TITLE SFP CAGE ASSEMBLY SOLDER POST VERSION					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MOLEX MOLEX INCORPORATED MATERIAL NO. 73927-0002 DOCUMENT NO. SD-73927-002 SHEET NO. 5 OF 6		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			B		



1 Relational geometry per MSA standard.

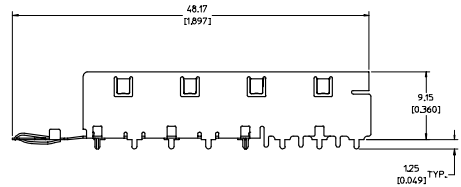
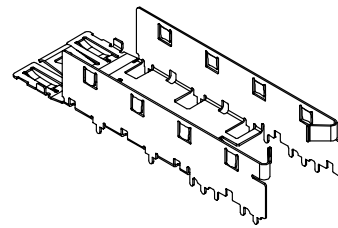
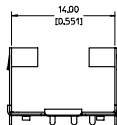
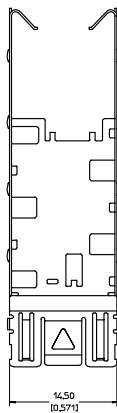
RE-RELEASE - FIX GLTICH EC NO: USY2010-0495 DRWN:MMCKERVEY2010/04/19 CHKD:KJANOTA 2010/04/27 APPR:KJANOTA 2010/04/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	▼ 0 ▽ 0	4 PLACES ± --- ± ---	DIMENSION STYLE IN/MM DRAWN BY DIRKERS DATE 2000/09/05 CHECKED BY DOYE DATE 2000/09/05 APPROVED BY RUSSELL DATE 2000/09/05	TITLE SFP CAGE ASSEMBLY SOLDER POST VERSION		
		3 PLACES ± --- ± .005		MOLEX INCORPORATED		
		2 PLACES ± --- ± ---	MATERIAL NO. 73927-0002 DOCUMENT NO. SD-73927-002 SHEET NO. 6 OF 6			
1 PLACE ± 0.13 ± ---	ANGULAR ± 1/2°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
B1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					



NOTES:

1. MATERIAL: COPPER ALLOY
2. PLATING: BRIGHT TIN
2.54 MICROMETERS TIN (MIN)
OVER 0.76 MICROMETERS (MIN) NICKEL
3. FOR DETAILS OF PCB AND BEZEL LAYOUT REFER
TO DOCUMENT SD-73927-100.
4. THIS PRODUCT NOT INTENDED FOR LEAD FREE, (RoHS), REFLOW PROCESS.
REFLOW TEMPERATURE SHOULD NOT EXCEED 180°C
5. FOR RoHS COMPLIANT REPLACEMENTS REFER TO MOLEX SERIES 74737.

ENTER DESCRIPTION EC NO. LIST 2006-0264 DRINKS/MONSON 2006/07/03 CHROBRUSSELL 2006/07/04 APPROVED DESCRIPTION A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± 0.05 2 PLACES ± 0.13 ± 0.1 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	DRAWN BY DATE KS MONSON 2005/10/12 CHECKED BY DATE BRUSSELL 2005/10/12 APPROVED BY DATE BRUSSELL 2005/10/12	4:1	METRIC	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 739270020	DOCUMENT NO. SD-73927-0020	MOLEX INCORPORATED	SHEET NO. 1 OF 1	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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ENTER DESCRIPTION IEC NO. LIST 2004-0264 DRIVING MONSON 2006/07/03 CHROBRUSSELL 2006/07/04 APPROVED DESCRIPTION A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																			
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.01</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± 0.01</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± 0.01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± 0.01</td> </tr> <tr> <td>ANGULAR</td> <td>$\pm 1^\circ$</td> <td></td> </tr> </table>		mm	INCH	4 PLACES	± 0.13	± 0.01	3 PLACES	± 0.25	± 0.01	2 PLACES	± 0.13	± 0.01	1 PLACE	± 0.25	± 0.01	ANGULAR	$\pm 1^\circ$		DRAWN BY: KS MONSON CHECKED BY: BRUSSELL	DATE: 2005/10/12 DATE: 2005/10/12	4:1	METRIC	
		mm	INCH																						
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ANGULAR	$\pm 1^\circ$																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO: 739270040	DOCUMENT NO: SD-73927-0040	MOLEX INCORPORATED	SFP CAGE BASE SOLDER POSTS FOR WAVE SOLDER																					
						SHEET NO. 1 OF 1																			