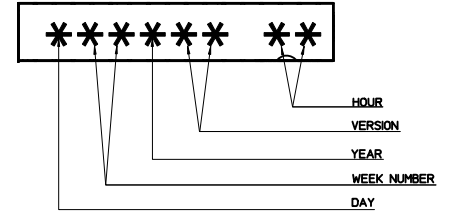
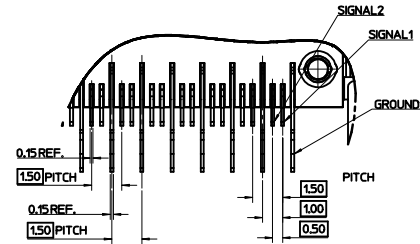
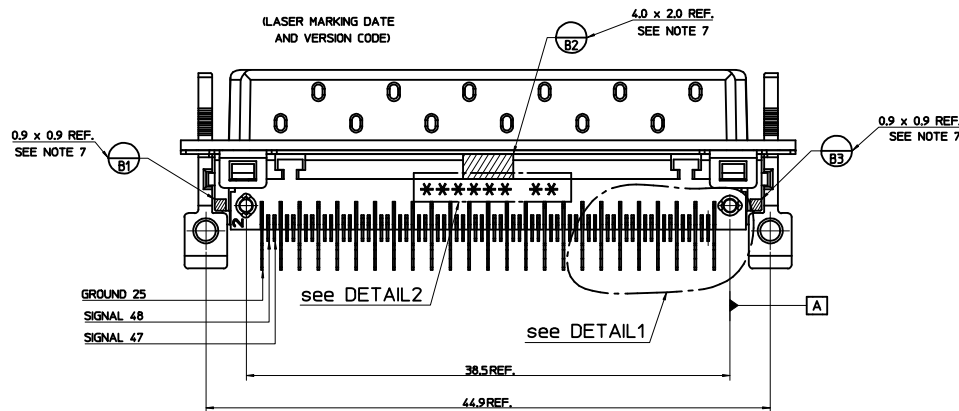
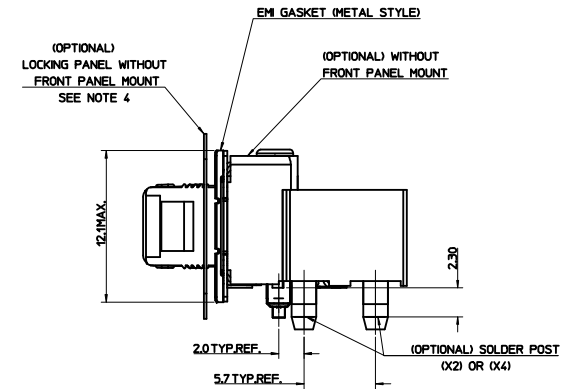
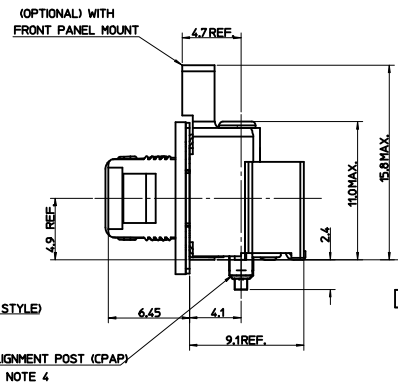
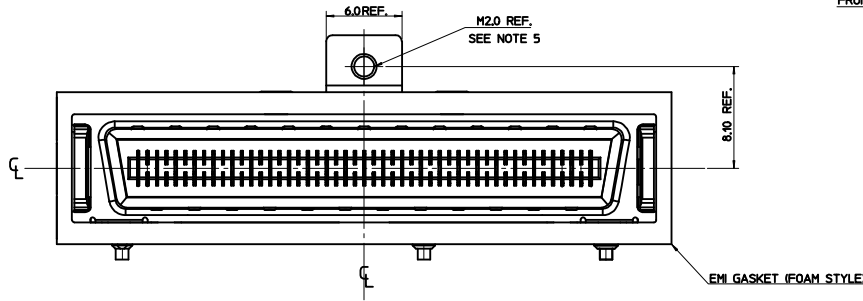


DETAIL1
Scale 8:1

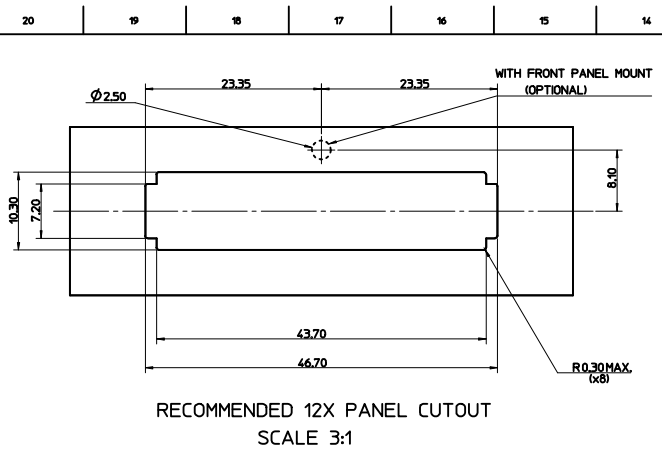


DETAIL2
Scale 10:1

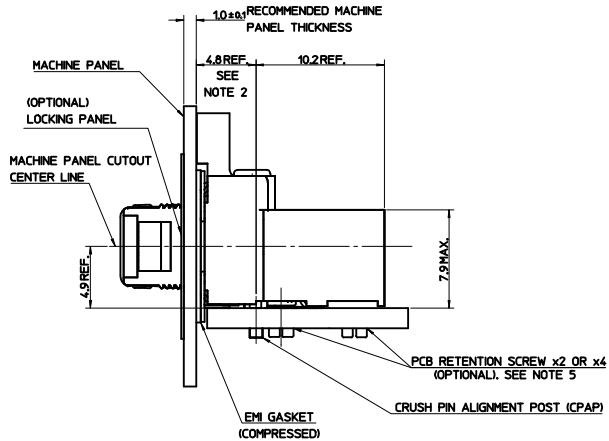
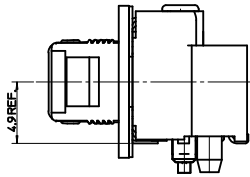


- NOTES:
1. PRODUCT SPECIFICATION PS-91525-001
 2. PACKAGING SPECIFICATION PK-91803-001
 3. SCREW THREAD M2.0 X 0.4 PITCH TAPPED THROUGH, RECOMMENDED SCREW M2 X 0.4 PITCH, LENGTH 8mm, WITH A PAN HEAD, RECOMMENDED TORQUE 0.3Nm MAX.
 4. CPAP USED TO ALIGN THE SOLDER TAILS WITH THE SOLDER PADS
 5. SCREW THREAD M2.0 X 0.4 PITCH TAPPED THROUGH, RECOMMENDED SCREW M2 X 0.4 PITCH, LENGTH 5mm, WITH A PAN HEAD, RECOMMENDED TORQUE 0.3Nm MAX.
 6. RECEPTACLE CONTACTS 127um MIN NICKEL ALL OVER CONTACT AREA 0.10 um MIN GOLD OVER 0.76um MIN PALLADIUM NICKEL SMT AREA 3um MIN TIN.
 7. PCB DATUM B = B1 + B2 + B3
 8. PCB RETENTION OPTIONS:
2 OR 4 SCREWS, (4 FOR REAR MOUNT OPTION).
2 OR 4 SOLDER POSTS, (4 FOR REAR MOUNT OPTION).
 9. LOCKING PANEL (91532) ONE PER CONNECTOR ORDER SEPARATELY, SEE SALES DRAWING SD-91532-001
 9. FOR 4X PARTS PLEASE REFER TO SD-91804-001 (FOAM GASKET) AND SD-91804-003 (METAL GASKET)

MOD TO SUB HOUSING EC NO: E2008-0456 DRAWN BY ERMAN CHKD: APPR:RMAGUI RE 2008/04/28 2008/05/02 2008/05/06	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE 12X LATCH SALES DRAWING
					DRAWN BY DWALSH	DATE 11/11/04				
					CHECKED BY	DATE 18/11/04				
					APPROVED BY	DATE 25/11/04				
					MATERIAL NO.	DOCUMENT NO.				
					SEE SHEET 4&5 SD-91255-004					
					SHEET NO. 1 OF 5					
</										



CONNECTOR WITHOUT
OPTIONAL FEATURES



(OPTIONAL)
FRONT PANEL MOUNT

EMI GASKET

SHIELD

LATCH

(OPTIONAL) PCB
REAR MOUNTING HOLES

SOLDER POST OR
SCREWS (x2) OR (x4)

SEE NOTE 3

12X PANEL CUTOUT WITH
FRONT PANEL MOUNT

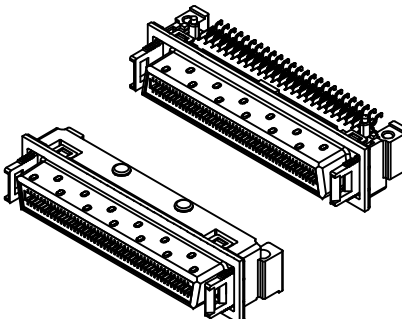
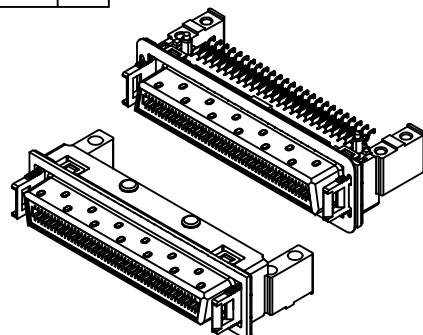
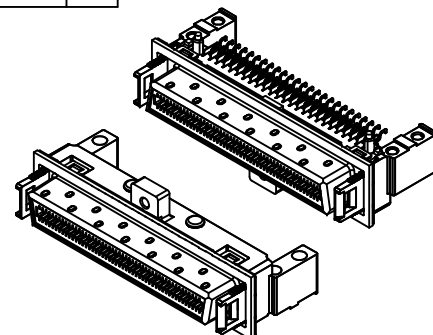
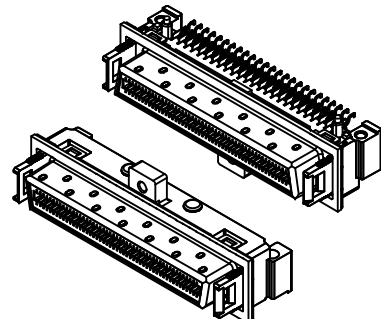
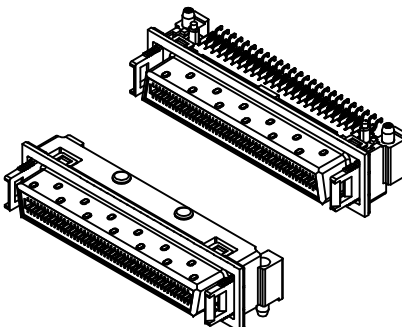
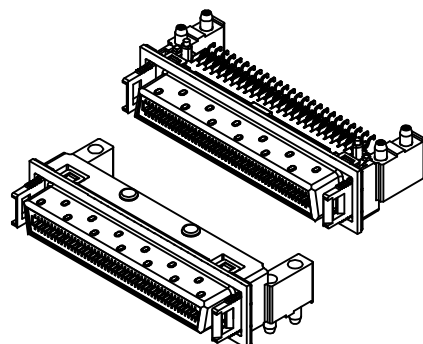
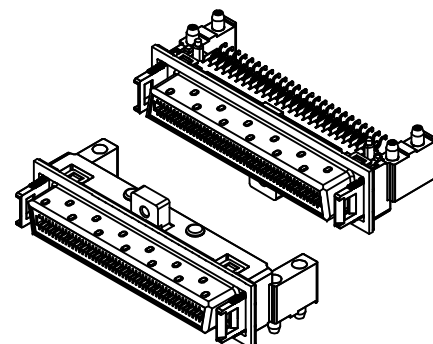
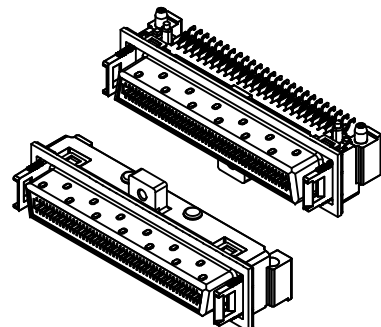
LOCKING PANEL WITH
FRONT PANEL MOUNT (OPTIONAL)

- NOTES:
1. REFER TO SHEET 1 FOR ALL UNSPECIFIED NOTES AND DIMENSIONS.
 2. FINAL ASSEMBLY DIMENSIONS
 3. PCB RETENTION OPTIONS:
2 OR 4 SCREWS, (4 FOR REAR MOUNT OPTIONS)
2 OR 4 SOLDER POSTS, (4 FOR REAR MOUNT OPTIONS)
 4. LOCKING PANEL (91532) ONE PER CONNECTOR ORDER SEPARATE SEE SALES DRAWING SD-91532-001
 5. RECOMMENDED SCREW M2 X 0.4 PITCH, LENGTH 8MM, WITH A PAN HEAD.
RECOMMENDED TORQUE 0.3 Nm MAX.

SEE SHEET 1 EC NO: E2008-0458 2008/04/28 DRWNLK/TERVAN 2008/05/02 CHKD: 2008/05/06 APPR:BMAGUIRE REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
	▼=0			DRAWN BY DWALSH	DATE 11/11/04	TITLE 12X LATCH SALES DRAWING					
	▽=0			CHECKED BY KDELANEY	DATE 18/11/04						
		4 PLACES	± 0.10	± 0.004							
		3 PLACES	± 0.15	± 0.006							
		2 PLACES	± 0.20	± 0.008							
		1 PLACE	± 0.25	± 0.010							
		ANGULAR ± 2 °									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
		SEE SHEET 4&5									
	SD-91525-004										
	3 OF 5										
	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

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																																
<table><tr><td colspan="2">12 LATCH I/O</td></tr><tr><td>REAR MOUNTS</td><td>NO</td></tr><tr><td>PANEL MOUNTS</td><td>NO</td></tr><tr><td>SOLDER POSTS</td><td>NO</td></tr></table> 					12 LATCH I/O		REAR MOUNTS	NO	PANEL MOUNTS	NO	SOLDER POSTS	NO	<table><tr><td colspan="2">12 LATCH I/O</td></tr><tr><td>REAR MOUNTS</td><td>YES</td></tr><tr><td>PANEL MOUNTS</td><td>NO</td></tr><tr><td>SOLDER POSTS</td><td>NO</td></tr></table> 					12 LATCH I/O		REAR MOUNTS	YES	PANEL MOUNTS	NO	SOLDER POSTS	NO	<table><tr><td colspan="2">12 LATCH I/O</td></tr><tr><td>REAR MOUNTS</td><td>YES</td></tr><tr><td>PANEL MOUNTS</td><td>YES</td></tr><tr><td>SOLDER POSTS</td><td>NO</td></tr></table> 					12 LATCH I/O		REAR MOUNTS	YES	PANEL MOUNTS	YES	SOLDER POSTS	NO	<table><tr><td colspan="2">12 LATCH I/O</td></tr><tr><td>REAR MOUNTS</td><td>NO</td></tr><tr><td>PANEL MOUNTS</td><td>YES</td></tr><tr><td>SOLDER POSTS</td><td>NO</td></tr></table> 					12 LATCH I/O		REAR MOUNTS	NO	PANEL MOUNTS	YES	SOLDER POSTS	NO
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<table><tr><td>PART NO.</td><td>PACKAGING</td></tr><tr><td>91525-1250</td><td>TRAY</td></tr><tr><td>91525-8250</td><td>TAPE AND REEL</td></tr></table>					PART NO.	PACKAGING	91525-1250	TRAY	91525-8250	TAPE AND REEL	<table><tr><td>PART NO.</td><td>PACKAGING</td></tr><tr><td>91525-1252</td><td>TRAY</td></tr><tr><td>91525-8252</td><td>TAPE AND REEL</td></tr></table>					PART NO.	PACKAGING	91525-1252	TRAY	91525-8252	TAPE AND REEL	<table><tr><td>PART NO.</td><td>PACKAGING</td></tr><tr><td>91525-1254</td><td>TRAY</td></tr><tr><td>91525-8254</td><td>TAPE AND REEL</td></tr></table>					PART NO.	PACKAGING	91525-1254	TRAY	91525-8254	TAPE AND REEL	<table><tr><td>PART NO.</td><td>PACKAGING</td></tr><tr><td>91525-1256</td><td>TRAY</td></tr><tr><td>91525-8256</td><td>TAPE AND REEL</td></tr></table>					PART NO.	PACKAGING	91525-1256	TRAY	91525-8256	TAPE AND REEL								
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- NOTES:
- REFER TO SHEET 1 FOR ALL UNSPECIFIED NOTES AND DIMENSIONS.
 - REFER TO SHEET 2 FOR PCB LAYOUT
 - REFER TO SHEET 3 FOR OPTIONAL ASSEMBLY COMPONENTS AND DIMENSIONS.
 - FOR 4X PARTS WITH FOAM GASKET PLEASE REFER TO SD-91804-001

SEE SHEET 1

EC NO: E2008-0258

2008/04/28

DRWN:KIERMAN

2008/05/02

CHKD:

2008/05/06

APPR:BMAGUIRE

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .---
2 PLACES	± 0.10	± .---
1 PLACE	± 0.2	± .---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

DOCUMENT NO.

SCALE

2.5:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

12X LATCH SALES DRAWING

MOLEX INCORPORATED

DOCUMENT NO.

SHEET NO.

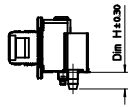
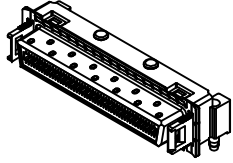
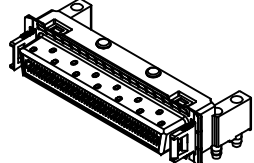
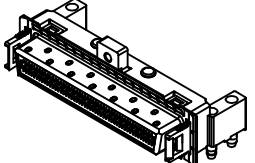
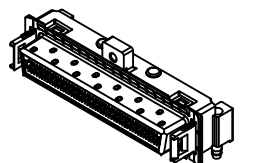
SEE SHEET 4&5

SD-91525-004

4 OF 5

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METAL GASKET AND SOLDER POST LENGTH OPTIONS

	PACKAGING				
NO SOLDER POSTS	TRAY	91525-1211	91525-1213	91525-1215	91525-1217
	TAPE & REEL	91525-8211	91525-8213	91525-8215	91525-8217
Dim H = 2.3	TRAY	91525-1251	91525-1253	91525-1255	91525-1257
	TAPE & REEL	91525-8251	91525-8253	91525-8255	91525-8257
Dim H = 3.3	TRAY	91525-1261	91525-1263	91525-1265	91525-1267
	TAPE & REEL	91525-8261	91525-8263	91525-8265	91525-8267
Dim H = 4.3	TRAY	91525-1291	91525-1293	91525-1295	91525-1297
	TAPE & REEL	91525-8291	91525-8293	91525-8295	91525-8297

NOTES:

1. REFER TO SHEET 1 FOR ALL UNSPECIFIED NOTES AND DIMENSIONS.
2. REFER TO SHEET 2 FOR PCB LAYOUT
3. REFER TO SHEET 3 FOR OPTIONAL ASSEMBLY COMPONENTS AND DIMENSIONS.
4. FOR 4X PARTS WITH METAL GASKET PLEASE REFER TO SD-91804-003

SEE SHEET 1 EC NO: E2008-0258 DRAWN BY: D CHKD: D APPR: BMAGUIRE 2008/04/28 2008/05/02 2008/05/06	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>± .---</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>± 0.2</td> <td>± .---</td> </tr> </table>		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .---	2 PLACES	± 0.10	± .---	1 PLACE	± 0.2	± .---	DIMENSION STYLE MM ONLY DRAWN BY: DWALSH DATE: 11/11/04 CHECKED BY: KDELANEY DATE: 18/11/04 APPROVED BY: JWALLACE DATE: 25/11/04	SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: 12X LATCH SALES DRAWING
	mm	INCH																		
4 PLACES	± .---	± .---																		
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1 PLACE	± 0.2	± .---																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED DOCUMENT NO: SD-91525-004 SHEET NO: 5 OF 5																		
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