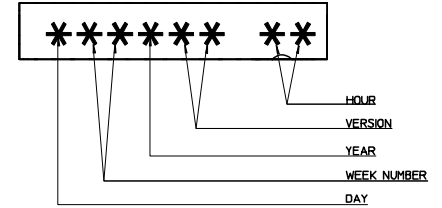
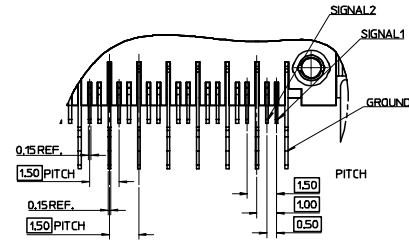
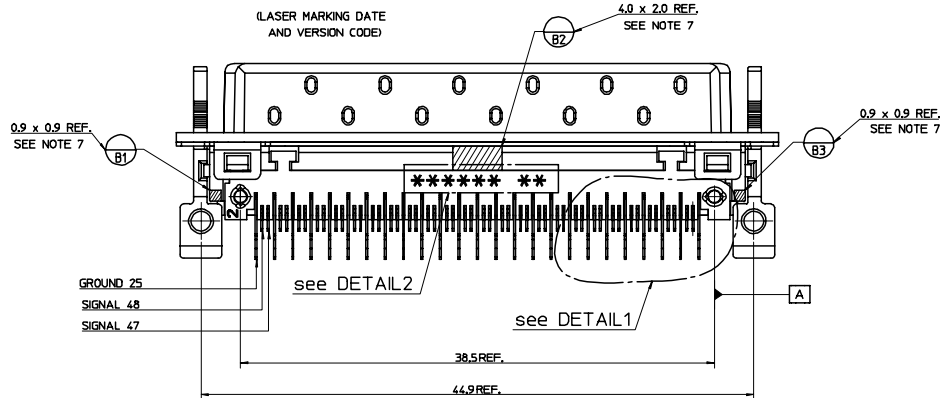
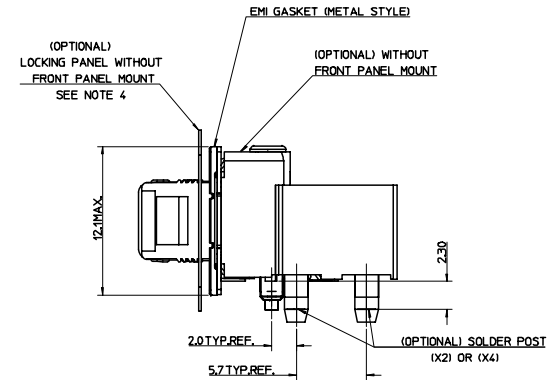
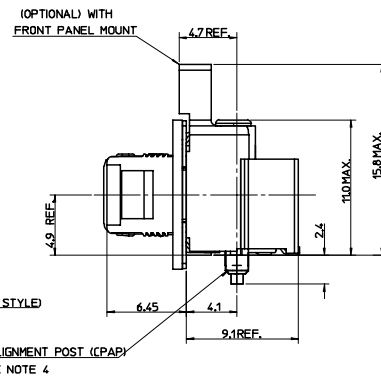
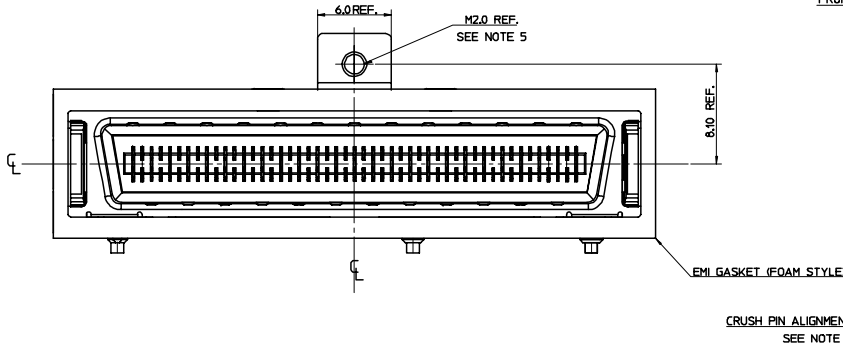


DETAIL1
Scale 8:1

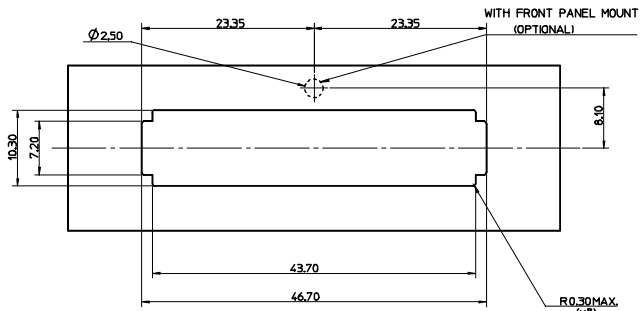


DETAIL2
Scale 10:1



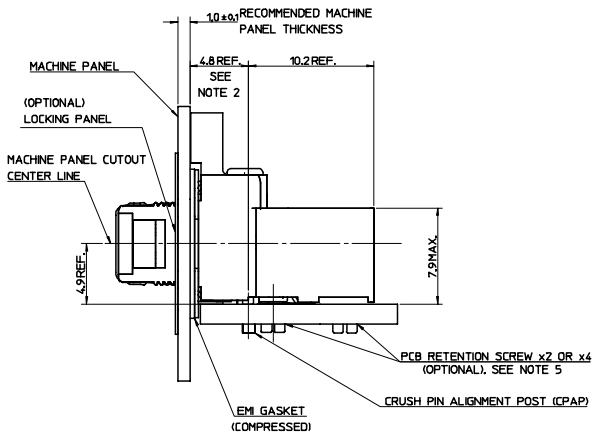
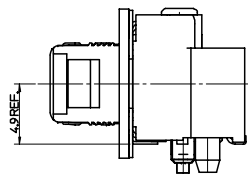
- NOTES:
1. PRODUCT SPECIFICATION PS-91525-001
 2. PACKAGING SPECIFICATION PK-91803-001
 3. SCREW THREAD M2.0 X 0.4 PITCH TAPPED THROUGH, RECOMMENDED SCREW M2 X 0.4 PITCH, LENGTH 8mm, WITH A PAN HEAD, RECOMMENDED TORQUE 0.3Nm MAX.
 4. CPAP USED TO ALIGN THE SOLDER TAILS WITH THE SOLDER PADS
 5. SCREW 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)

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
1	UPDATE SHIELD	▽=0	4 PLACES ±	±	DWALSH	11/11/04	5:1	METRIC	12X LATCH SALES DRAWING
2	DRWG. NO. E7004-0824	▽=0	3 PLACES ±	±	CHECKED BY	DATE			
3	DRWG. NO. E7004-0824		2 PLACES ±	±	KDELANEY	18/11/04			
4	CHKD. 2006/05/31		1 PLACE ±	±	APPROVED BY	DATE			
5	APPR. E7004				DWALLACE	25/11/04			
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									



RECOMMENDED 12X PANEL CUTOUT
SCALE 3:1

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 ELEC NO: E2006-0822 DRAWN BY DANIEL CARLTON CHKD: APPR: EFOLAN	2006/05/26 2006/05/31 2006/06/09	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm		INCH		DRAWN BY DATE		TITLE				
	4 PLACES ±		±	±	±	JWALSH	11/11/04	12X LATCH SALES DRAWING			
	3 PLACES ±		±	±	±	CHECKED BY	DATE				
	2 PLACES ±		±	±	±	KDELANEY	18/11/04				
1 PLACE ±	±	0.2	±	±	APPROVED BY	DATE					
		ANGULAR ± 2 °		JWALLACE		25/11/04	MOLEX MOLEX INCORPORATED				
				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4 & 5 SD-91525-004		3 OF 5			
				SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

The drawing shows two cable assemblies. The top assembly features a braided shield, while the bottom assembly features a solid shield. Both cables have a central conductor and are terminated with a connector.

Technical drawing showing two views of a 15-pin D-sub connector. The top view is a perspective drawing showing the connector's housing, the 15 pins on the top edge, and the mounting bracket. The bottom view is a side profile drawing showing the connector's height, the pin arrangement, and the mounting bracket.

Technical drawing showing two views of an electrical connector assembly. View 1 (top) shows the connector with its internal components, including a series of pins and a locking mechanism. View 2 (bottom) shows the connector from a different angle, highlighting the internal structure and the arrangement of the pins. The drawing is a detailed line drawing, likely a patent or technical specification illustration.

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 FOAM GASKET PLEASE REFER TO SD-91804-001

SEE SHEET 1	2006/05/26
EC NO: E2006-0824	2006/05/31
DRWN:DCARTON	2006/06/09
CHKD:	
APPR:EFOLAN	

EV	DESCRIPTION	QUALITY SYMBOLS
		 =0
		 =0

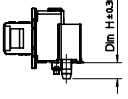
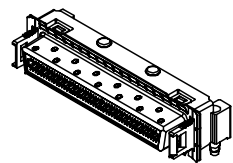
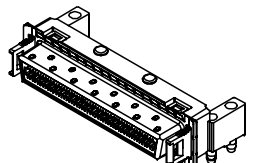
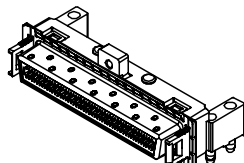
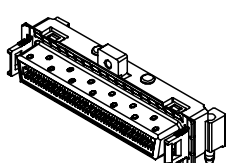
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .---
2 PLACES	± 0.10	± .---
1 PLACE	± 0.2	± .---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
DWALSH	11/11/0
CHECKED BY	DATE
KDELANEY	18/11/0
APPROVED BY	DATE
JWALLACE	25/11/0
MATERIAL NO.	
SEE SHEET 4 &	
SIZE A 1	THIS DRAWING CONTAINS INCORPORATED AND

SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE 12X LATCH SALES DRAWING		
MOLEX MOLEX INCORPORATED		
DOCUMENT NO. SD-91525-004	SHEET NO. 4 OF 5	

ALL INFORMATION THAT IS PROPRIETARY TO MOLEX
SHOULD NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

METAL GASKET AND SOLDER POST LENGTH OPTIONS

	PACKAGING					
	NO SOLDER POSTS					
Dim H = 2.3	TRAY		91525-1211	91525-1213	91525-1215	91525-1217
	TAPE & REEL		91525-8211	91525-8213	91525-8215	91525-8217
Dim H = 3.3	TRAY		91525-1251	91525-1253	91525-1255	91525-1257
	TAPE & REEL		91525-8251	91525-8253	91525-8255	91525-8257
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 ELEC NO. E2004-0824 DRAWING BY: 2004/05/26 CHKD: 2004/05/31 APPR: EFLJAN 2004/06/09		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> ANGULAR ± 2°		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.10	---	1 PLACE ±	0.2	---	DIMENSION STYLE MM ONLY DRAWN BY: DWALSH CHECKED BY: KDELANEY APPROVED BY: J WALLACE DATE: 11/11/04 DATE: 18/11/04 DATE: 25/11/04	SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION
	mm	INCH																		
4 PLACES ±	---	---																		
3 PLACES ±	---	---																		
2 PLACES ±	0.10	---																		
1 PLACE ±	0.2	---																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 4 & 5 SD-91525-004 DOCUMENT NO. 5 OF 5 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		