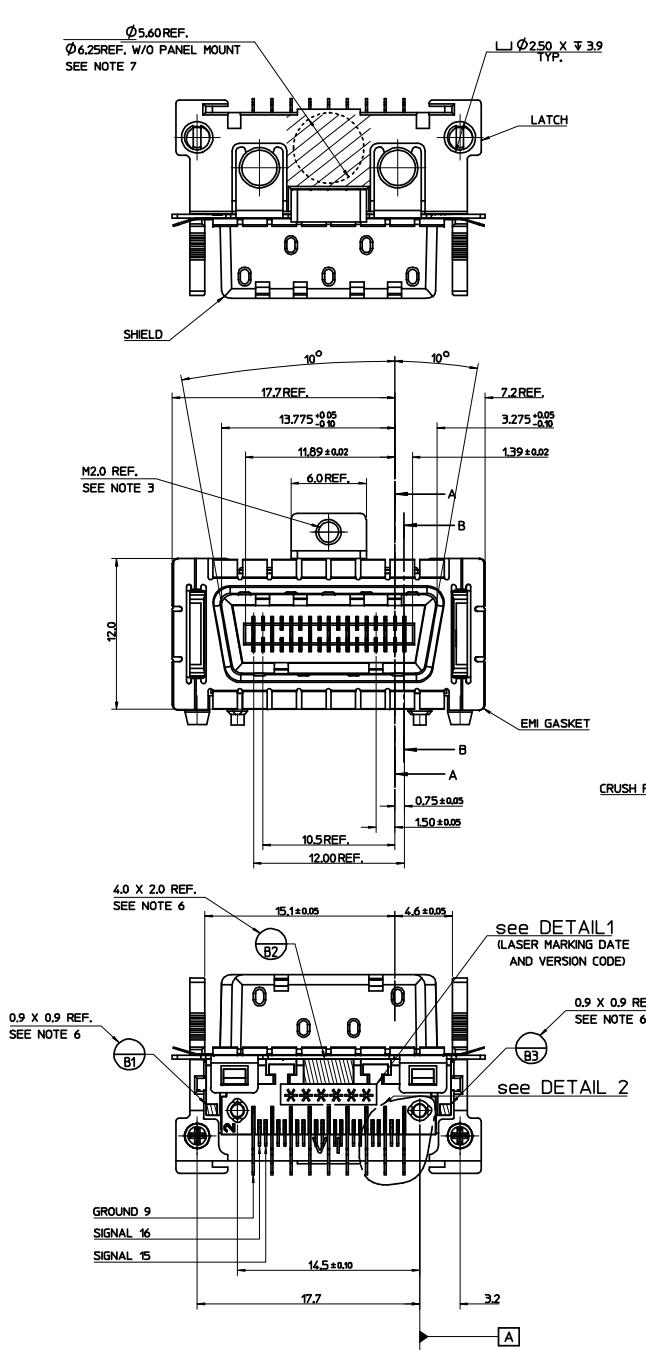
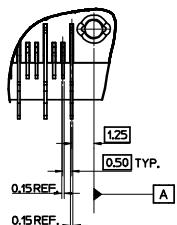


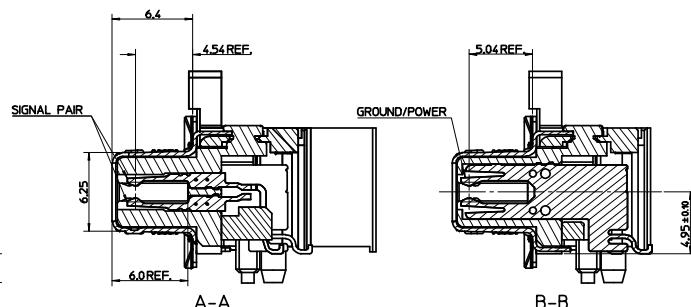
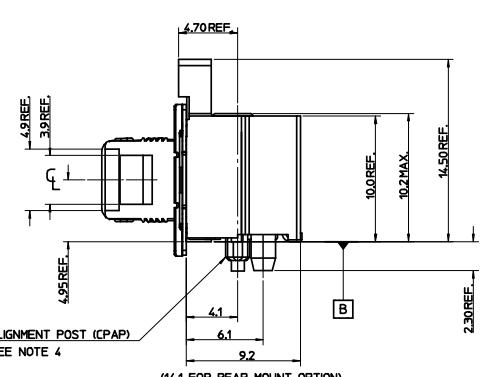
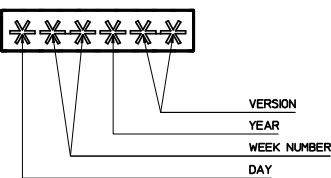
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



DETAIL 2  
Scale 7:1



DETAIL 1  
Scale 10:1

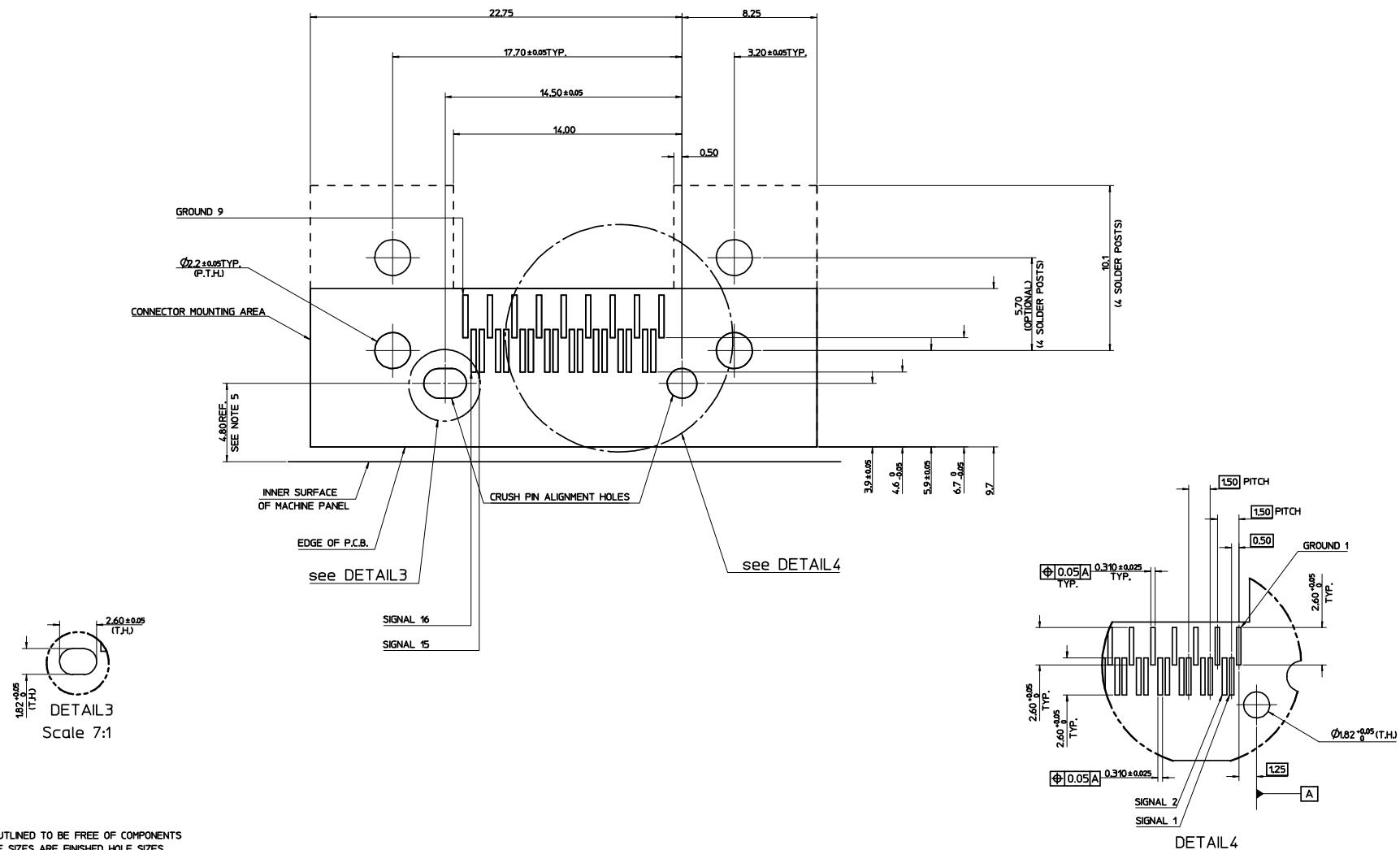


NOTES:

1. PRODUCT SPECIFICATION PS-91525-001
2. PACKAGING SPECIFICATION PK-91525-002 (TRAY) AND PK-91525-004 (TAPE AND REEL)
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.
4. CPAP USED TO ALIGN THE SOLDER TAILS WITH THE PCB SOLDER PADS.
5. RECEPTACLE CONTACTS 1.27um MIN NICKEL ALL OVER  
CONTACT AREA 0.76um MIN GOLD OVER 0.76um MIN PALLADIUM NICKEL  
SMT AREA 3um MIN TIN.
6. PCB DATUM B = B1 + B2 + B3
7. PICK AND PLACE AREA FOR VACUUM PICK UP.
8. FOR 12X PARTS PLEASE REFER TO SD-91525-004.
9. FOR 4X PARTS WITH FOAM GASKET PLEASE REFER TO SD-91804-001

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	④ THIRD ANGLE PROJECTION	LANELINK F CONN 4X LATCH VERSION WITH OPTIONAL EMI SHIELD & MTL GKT	
						mm	INCH
▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
▼=0	REVISION REV						
▼=0	DESCRIPTION Mod to sub housing EC NO: E2008-0458 DTP: DPMWIKERMAN LHKD: AFRIMMOURE APR: 03/06						
▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
▼=0	REVISION REV						
▼=0	DESCRIPTION DRAFT WHERE APPROPRIATE MATERIAL NO. SEE SHEET 4&5 SD-91804-003						
▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
▼=0	REVISION REV						
▼=0	DESCRIPTION DRAFT WHERE APPROPRIATE MATERIAL NO. SEE SHEET 4&5 SD-91804-003						
▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
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▼=0	DESCRIPTION DRAFT WHERE APPROPRIATE MATERIAL NO. SEE SHEET 4&5 SD-91804-003						
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▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
▼=0	REVISION REV						
▼=0	DESCRIPTION DRAFT WHERE APPROPRIATE MATERIAL NO. SEE SHEET 4&5 SD-91804-003						
▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
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▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
▼=0	REVISION REV						
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▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
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▼=0	4 PLACES ±----	±----					
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▼=0	2 PLACES ±0.1	±0.1					
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▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
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▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
▼=0	REVISION REV						
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▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
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▼=0	3 PLACES ±----	±----					
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▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
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▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
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▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
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▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
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▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
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▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
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▼=0	DESCRIPTION DRAFT WHERE APPROPRIATE MATERIAL NO. SEE SHEET 4&5 SD-91804-003						
▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY JWALLACE	09/03/05					
▼=0	DATE 09/03/05						
▼=0	REVISION REV						
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▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
▼=0	4 PLACES ±----	±----					
▼=0	3 PLACES ±----	±----					
▼=0	2 PLACES ±0.1	±0.1					
▼=0	1 PLACE ±0.2	±0.2					
▼=0	ANGULAR ± 2 °	± 2 °					
▼=0	APPROVED BY 						

**RECOMMENDED PCB LAYOUT  
(SHOWING PCB REAR MOUNTING HOLES OPTION)**



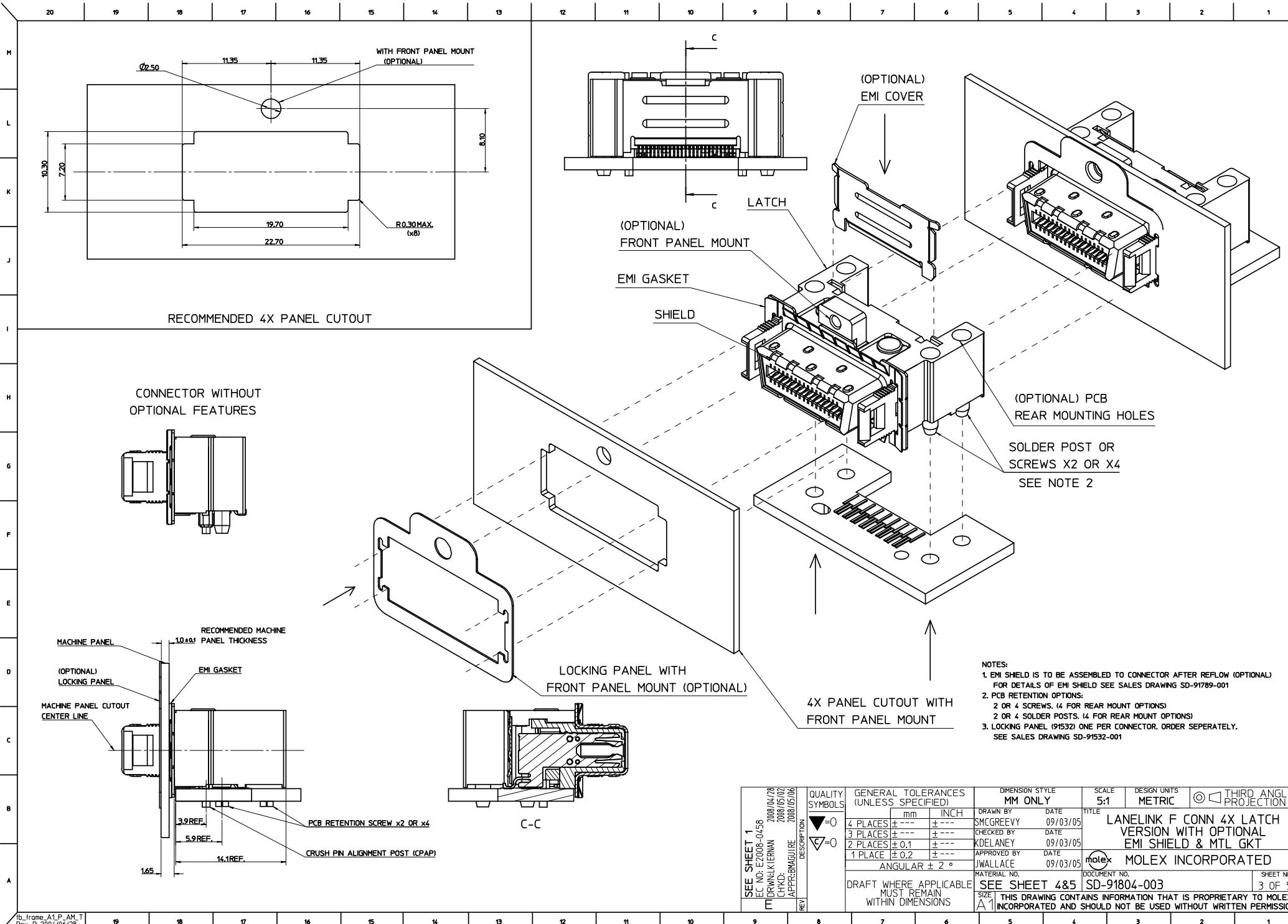
NOTES:

1. AREAS OUTLINED TO BE FREE OF COMPONENTS
2. ALL HOLE SIZES ARE FINISHED HOLE SIZES
3. FOR ANY UNSPECIFIED DIMENSIONS OR NOTES SEE SHEET 1
4. RANGE OF PCB THICKNESSES: 1.6 TO 2.10mm INCLUSIVE

- 4. RANGE OF PCB THICKNESSES: 0.0 TO 2.0MM INCLUSIVE.  
LARGER SOLDER POSTS AVAILABLE FOR OTHER PCB THICKNESSES.  
FOR FURTHER INFORMATION PLEASE CONTACT LOCAL SALES OFFICE.
- 5. THE DESIGN CAN ACCOMMODATE DIFFERENT VALUES OF THIS DIMENSION  
BY VARYING THE EM GASKET THICKNESS.

FOR FURTHER INFORMATION PLEASE CONTACT YOUR LOCAL SALES OFFICE

SEE SHEET 1 ECC NO: E2008-0458		08/04/2018		08/04/2028		08/05/2016		08/05/2016		
TM DRWNLK/TERMIN		CHKD:		APPR/MAQUILLEUR		REVIEW		SIGN		
<b>QUALITY SYMBOLS</b>  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	mm	INCH	DRAWN BY	DATE	TITLE		<b>LANELINK F CONN 4X LATCH</b> <b>VERSION WITH OPTIONAL</b> <b>EMI SHIELD &amp; MTL GKT</b>  <b>MOLEX INCORPORATED</b>			
	4 PLACES	±---	SMCGREVEY	09/03/05						
	3 PLACES	±---	CHECKED BY	DATE						
	2 PLACES	± 0.1	KDELANEY	09/03/05						
	1 PLACE	± 0.2	APPROVED BY	DATE						
	ANGULAR ± 2 °		JWALLACE	09/03/05						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 5		
SEE SHEET 4&5				SD-91804-003						
<b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b>										



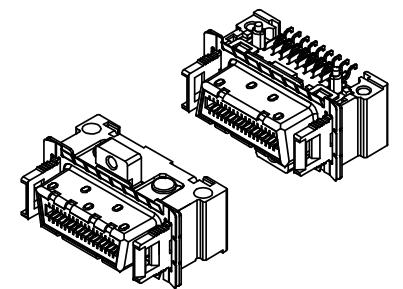
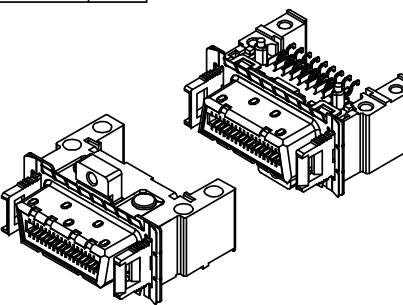
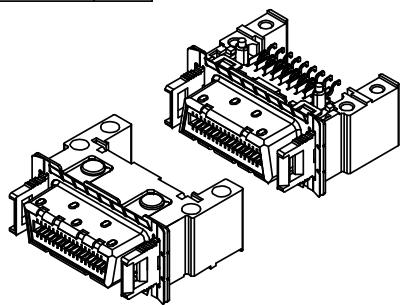
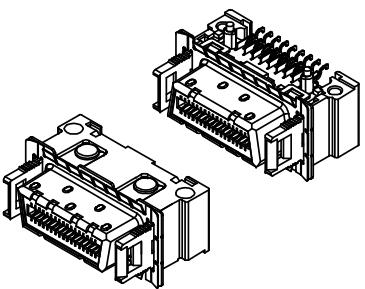
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
<b>4X LATCH I/O</b>					<b>4X LATCH I/O</b>					<b>4X LATCH I/O</b>					<b>4X LATCH I/O</b>				

REAR MOUNTS	NO
PANEL MOUNT	NO
SOLDER POSTS	NO

REAR MOUNTS	YES
PANEL MOUNT	NO
SOLDER POSTS	NO

REAR MOUNTS	YES
PANEL MOUNT	YES
SOLDER POSTS	NO

REAR MOUNTS	NO
PANEL MOUNT	YES
SOLDER POSTS	NO



PART NO.	PACKAGING
91804-0411	TRAY
91804-8411	TAPE AND REEL

PART NO.	PACKAGING
91804-0413	TRAY
91804-8413	TAPE AND REEL

PART NO.	PACKAGING
91804-0415	TRAY
91804-8415	TAPE AND REEL

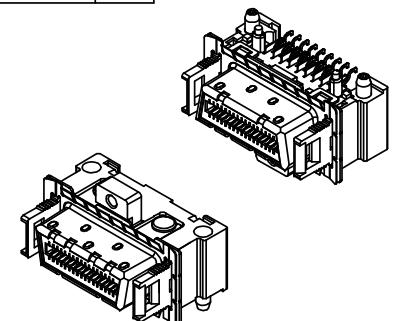
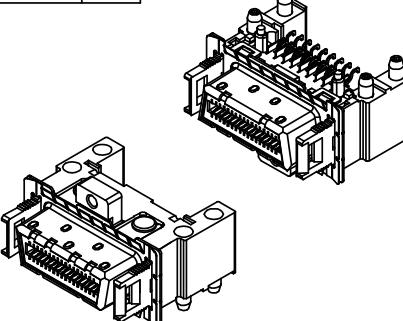
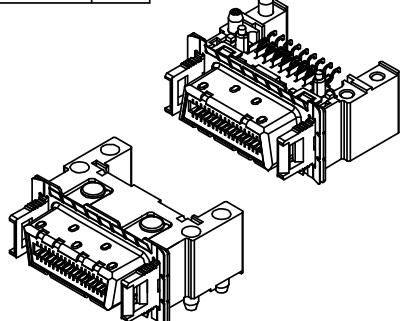
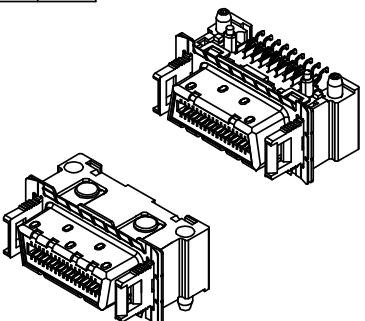
PART NO.	PACKAGING
91804-0417	TRAY
91804-8417	TAPE AND REEL

REAR MOUNTS	NO
PANEL MOUNT	NO
SOLDER POSTS	2

REAR MOUNTS	YES
PANEL MOUNT	NO
SOLDER POSTS	4

REAR MOUNTS	YES
PANEL MOUNT	YES
SOLDER POSTS	4

REAR MOUNTS	NO
PANEL MOUNT	YES
SOLDER POSTS	2



PART NO.	PACKAGING
91804-0451	TRAY
91804-8451	TAPE AND REEL

PART NO.	PACKAGING
91804-0453	TRAY
91804-8453	TAPE AND REEL

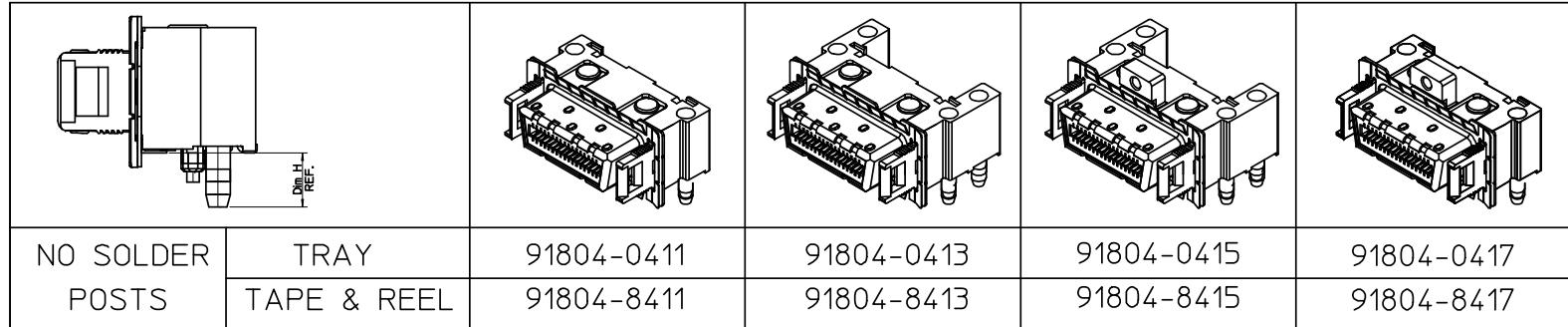
PART NO.	PACKAGING
91804-0455	TRAY
91804-8455	TAPE AND REEL

PART NO.	PACKAGING
91804-0457	TRAY
91804-8457	TAPE AND REEL

NOTES:  
1. REFER TO SHEET 1 FOR ALL UNSPECIFIED DIMENSIONS  
2. REFER TO SHEET 2 FOR PCB LAYOUT  
3. REFER TO SHEET 3 FOR RECOMMENDED ASSEMBLY COMPONENTS AND DIMENSIONS  
4. FOR 12X PARTS PLEASE REFER TO SD-91525-004

SEE SHEET 1  
FC NO: E2008-0458  
2008/04/28  
2008/05/02  
2008/05/06  
DRAWN BY: SMCGREEVY  
DRAFTED BY: KELANAY  
APPROVED BY: JWALLACE  
REV: 0  
QUALITY SYMBOLS  
▼=0  
▽=0  
GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ±---- ±----  
3 PLACES ±---- ±----  
2 PLACES ±0.1 ±----  
1 PLACE ±0.2 ±----  
ANGULAR ± 2 °  
DRAFT WHERE APPROPRIATE  
MATERIAL NO. SEE SHEET 4&5  
SD-91804-003  
DIMENSION STYLE MM ONLY  
SCALE 3:1  
DESIGN UNITS METRIC  
TITLE  
LANELINK F CONN 4X LATCH VERSION WITH OPTIONAL EMI SHIELD & MTL GKT  
MOLEX INCORPORATED  
REV: A  
SIZE A1  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

## SOLDER POST LENGTH OPTIONS



Dim H = 2.3	TRAY	91804-0451	91804-0453	91804-0455	91804-0457
	TAPE & REEL	91804-8451	91804-8453	91804-8455	91804-8457

Dim H = 3.3	TRAY	91804-0461	91804-0463	91804-0465	91804-0467
	TAPE & REEL	91804-8461	91804-8463	91804-8465	91804-8467

Dim H = 4.3	TRAY	91804-0491	91804-0493	91804-0495	91804-0497
	TAPE & REEL	91804-8491	91804-8493	91804-8495	91804-8497

SEE SHEET 1		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 31	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
EC NO: E208-0458 DRWNL:KERNAN CHKD:KERNAN APPR:IMAGRE REV: A		mm	INCH	DRAWN BY SMCGREEVY	DATE 09/03/05	LANELINK F CONN 4X LATCH VERSION WITH OPTIONAL EMI SHIELD & MTL GKT			
		4 PLACES	± ---	± ---	CHECKED BY KOFLANEY	09/03/05			
		3 PLACES	± ---	± ---	APPROVED BY JWALLACE	09/03/05	MOLEX INCORPORATED		
		2 PLACES	± 0.1	± ---					
		1 PLACE	± 0.2	± ---					
		ANGULAR ± 2 °							
		MATERIAL NO. SEE SHEET 4&5				DOCUMENT NO. SD-91804-003	SHEET NO. 5 OF 5		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			