

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

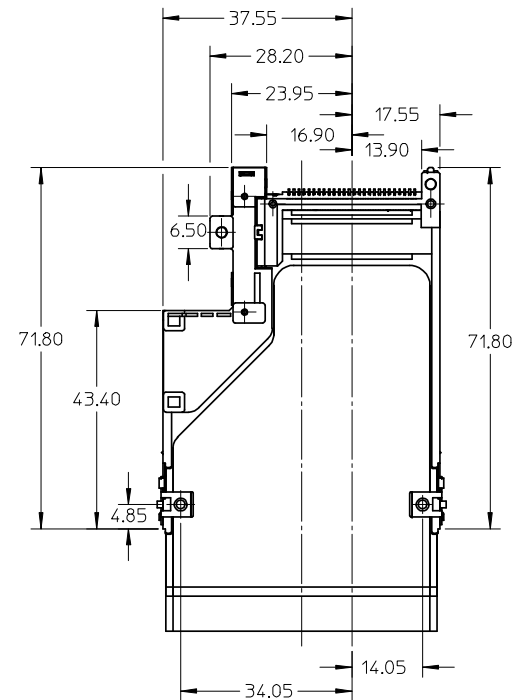
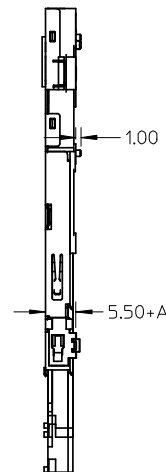
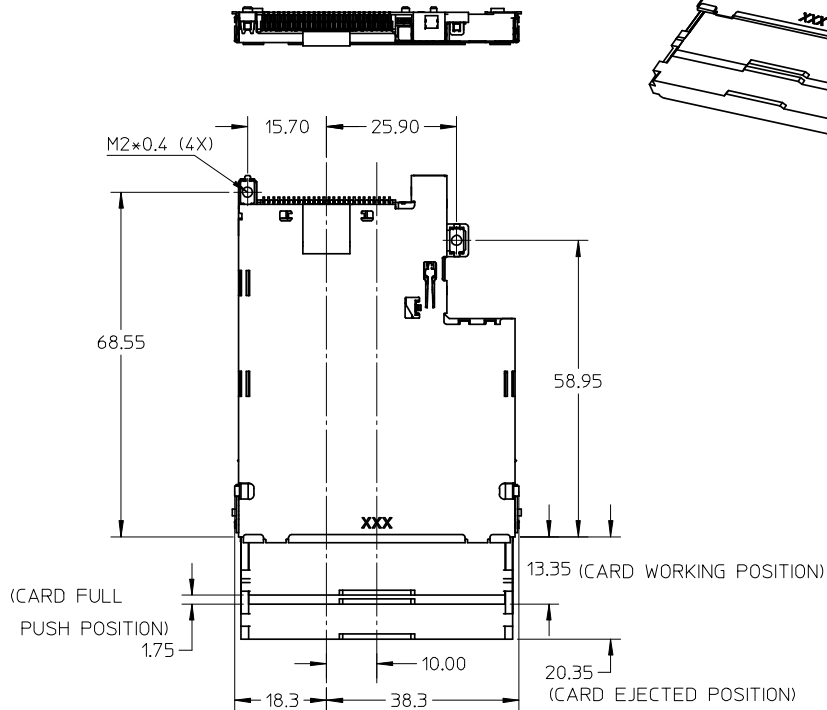
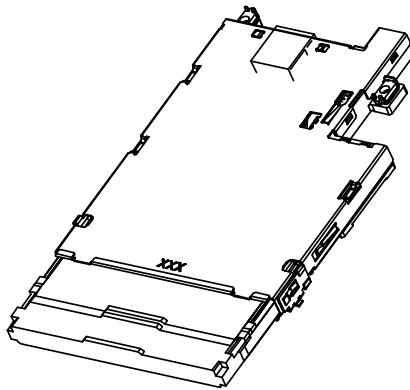
E

D

C

B

A



NOTES:

1. COMPONENT:

HEADER: SHEET 2

EJECTOR: SHEET 3

2. PCB LAYOUT PLEASE REFER TO SHEET 4;

3. COPLANARTY OF HEADER FOR SMT SOLDER TAILS TO BE 0.10mm MAXIMUM;

4. PRODUCT SPECIFICATION PLEASE REFER TO PS-47202-001;

5. SCREW FASTENING TORQUE: 1.5kgf-cm MAXIMUM.

6. TRUE POSITION IS 0.15mm MAXIMUM BETWEEN SOLDER TAILS;

7. NON-REFLOW PROCESS FOR CARD SLOT;

8. THE PART COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.

RELEASE EC NO: SH2008-0538 2008/04/30 DRWN:FYANG05 CHKD: APPR:HWANG 2008/05/26	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY R.BIAN	DATE 2007/06/12	TITLE EXPRESSCARD TOP MOUNT WITH PUSH-PUSH MECHANISM (CARD PUSH)		
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---	HWANG	2007/06/12			
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE			
			1 PLACE	± 0.3	± ---	JNCHEN	2007/06/12	MOLEX MOLEX INCORPORATED		
ANGULAR ± 3 °		MATERIAL NO. N/A		DOCUMENT NO. SD-47314-002	SHEET NO. 1 OF 4					
A	REV	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						

9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIAL:

HOUSING: LIQUID CRYSTAL POLYMER, UL94 V-0;

TERMINAL: PHOSPHOR BRONZE;

FITTING NAIL: PHOSPHOR BRONZE;

2. FINISH:

TERMINAL: SELECTIVE GOLD(Au) IN CONTACT AREA.

THICKNESS: 0.15 MICROMETER MINIMUM

SELECTIVE PURE TIN IN SOLDER TAIL AREA.

THICKNESS: 1.5 MICROMETER MINIMUM

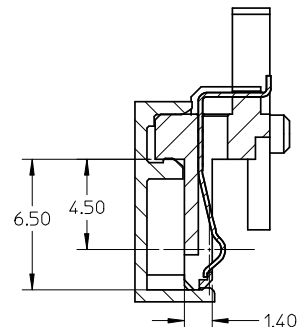
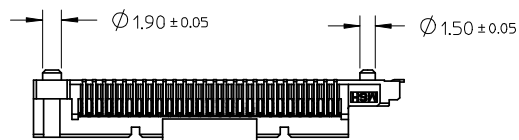
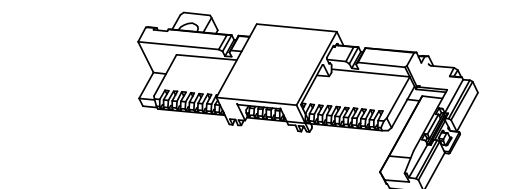
UNDERPLATING : NICKEL(NI) OVERALL

3. COPLANARITY AT SOLDER TAIL TO BE 0.10mm MAXIMUM;

4. APPLICABLE EJECTOR PLEASE SEE TABLE;

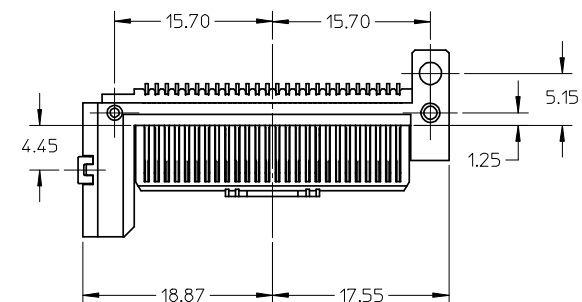
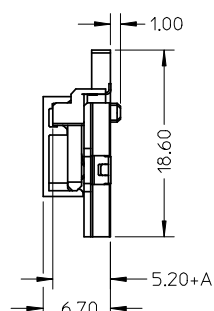
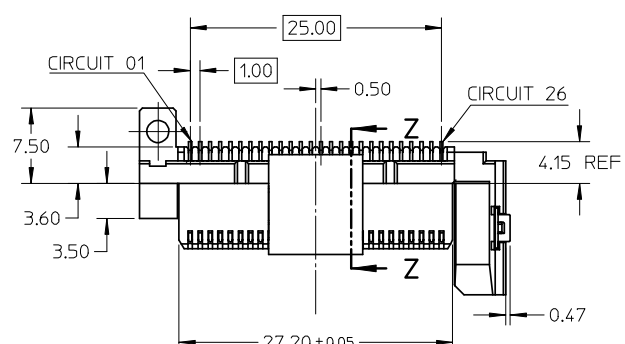
5. PRODUCT SPECIFICATION REFERS TO PS-47202-001;

6. THE PART COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.



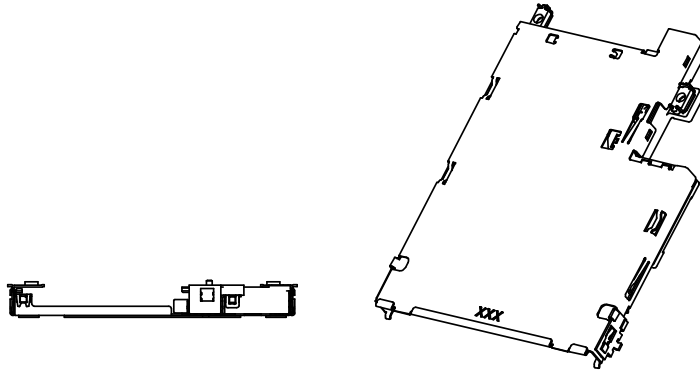
SECTION Z-Z

SCALE:4:1



			RELEASE EC NO: SH2008-0538 2008/04/30 DRW: FANG05 2008/05/19 CHKD: APPR: HWANG 2008/05/26		DESCRIPTION ▽=0 ◻=0	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
						4 PLACES ± --- ± ---		DRAWN BY DATE R. BIAN 2007/06/12		TITLE EXPRESSCARD TOP MOUNT WITH PUSH-PUSH MECHANISM (CARD PUSH)							
						3 PLACES ± --- ± ---		CHECKED BY DATE HWANG 2007/06/12									
						2 PLACES ± 0.25 ± ---		APPROVED BY DATE JNCHEN 2007/06/12		MOLEX MOLEX INCORPORATED							
					1 PLACE ± 0.3 ± ---		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO. SD-47314-002		SHEET NO. 2 OF 4				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

10 9 8 7 6 5 4 3 2 1

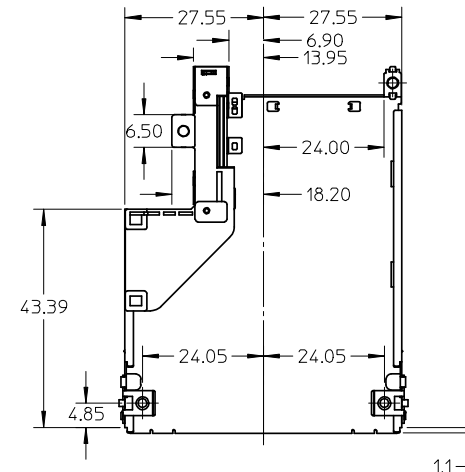
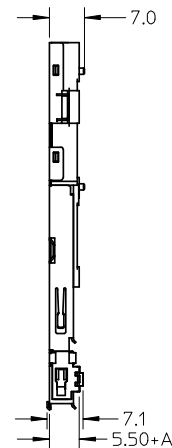
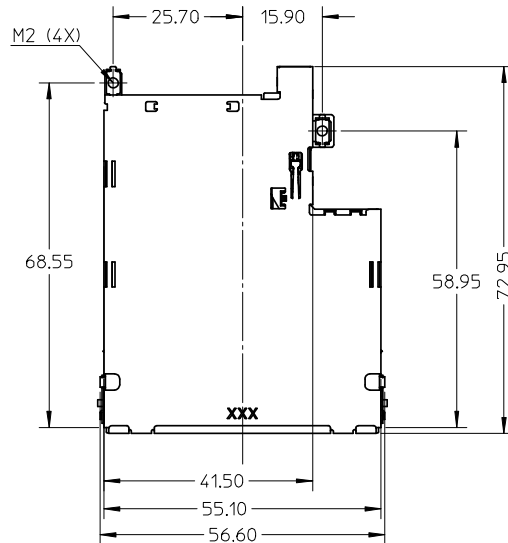


NOTES:

1. MATERIAL:

SHELL: STAINLESS STEEL
STAND OFF: STAINLESS STEEL
NUT: STAINLESS STEEL
COIL SPRING: PIANO WIRE
CAM SLIDER: NYLON46 UL94 V-0
CAM SLIDER HOUSING: NYLON46 UL94 V-0
CAM PIN: STAINLESS STEEL
STOPPER: STAINLESS STEEL

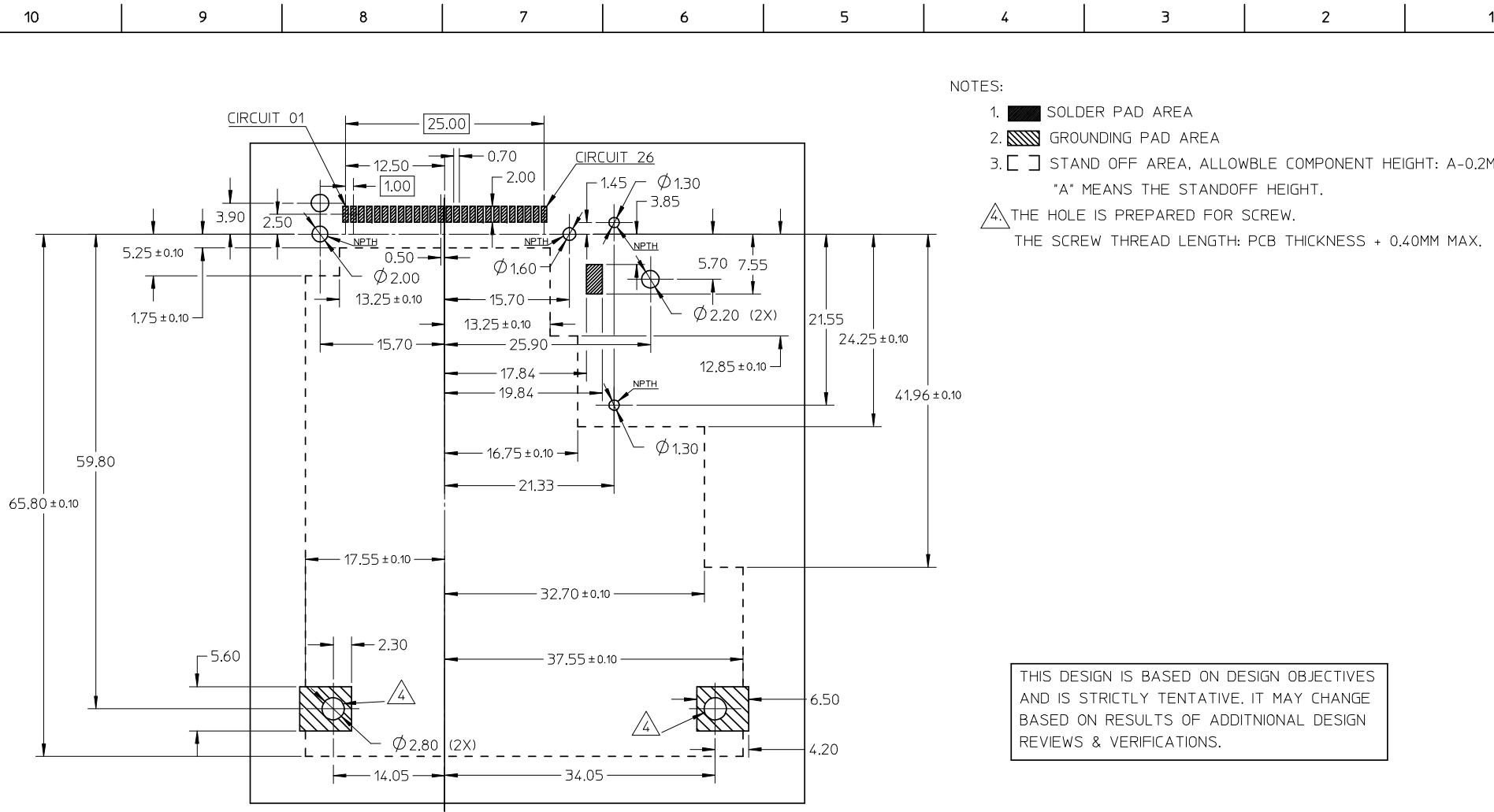
2. THIS SLOT TO BE COMPATIBLE BOTH 34mm CARD AND 54mm CARD;
3. THE EJECTOR MECHANISM TO BE ASSEMBLED BASE ON 34mm CARD CENTER LINE;
4. APPLICABLE HEADER PLEASE SEE TABLE;
5. PRODUCT SPECIFICATION PLEASE REFER TO PS-47202-001;
6. THE PART COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC



RELEASE EC NO: SH2008-0538 2008/04/30 DRWN:FYANG05 CHKD: 2008/05/19 APPR:HWWANG 2008/05/26 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◁=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY R. BIAN	DATE 2007/06/12	TITLE EXPRESSCARD TOP MOUNT WITH PUSH-PUSH MECHANISM (CARD PUSH)						
			4 PLACES	± ---	± ---	CHECKED BY HWWANG	DATE 2007/06/12							
			3 PLACES	± ---	± ---	APPROVED BY JNCHEN		DATE 2007/06/12	MOLEX MOLEX INCORPORATED					
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-47314-002						SHEET NO. 3 OF 4
			1 PLACE	± 0.3	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
			ANGULAR ± 3 °											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
						SIZE A3								

47314-9054	0.50 MM	47314-0053
PART NO.	A (STAND OFF HEIGHT)	APPLICABLE HEADER

9 8 7 6 5 4 3 2 1



NOTES:

1. SOLDER PAD AREA
2. GROUNDING PAD AREA
3. STAND OFF AREA, ALLOWBLE COMPONENT HEIGHT: A-0.2MM, "A" MEANS THE STANDOFF HEIGHT.
4. THE HOLE IS PREPARED FOR SCREW.
THE SCREW THREAD LENGTH: PCB THICKNESS + 0.40MM MAX.

RECOMMENDED PCB LAYOUT

RELEASE EC NO: SH2008-0538 DRWN:FYANG05 CHKD: APPR:HWANG	REV A	DESCRIPTION 2008/04/30 2008/05/19 2008/05/26	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY R.BIAN	DATE 2007/06/12	TITLE EXPRESSCARD TOP MOUNT WITH PUSH-PUSH MECHANISM (CARD PUSH)					
				4 PLACES	± ---	± ---	CHECKED BY						DATE
				3 PLACES	± ---	± ---	DATE						
				2 PLACES	± 0.25	± ---	DATE		MOLEX MOLEX INCORPORATED				
				1 PLACE	± 0.3	± ---	DATE						
ANGULAR ± 3 °		JNCHEN		2007/06/12	DOCUMENT NO. SD-47314-002								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. N/A		SHEET NO. 4 OF 4									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													