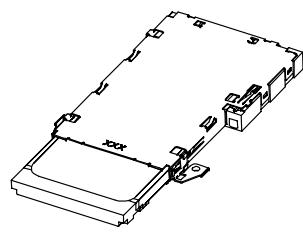
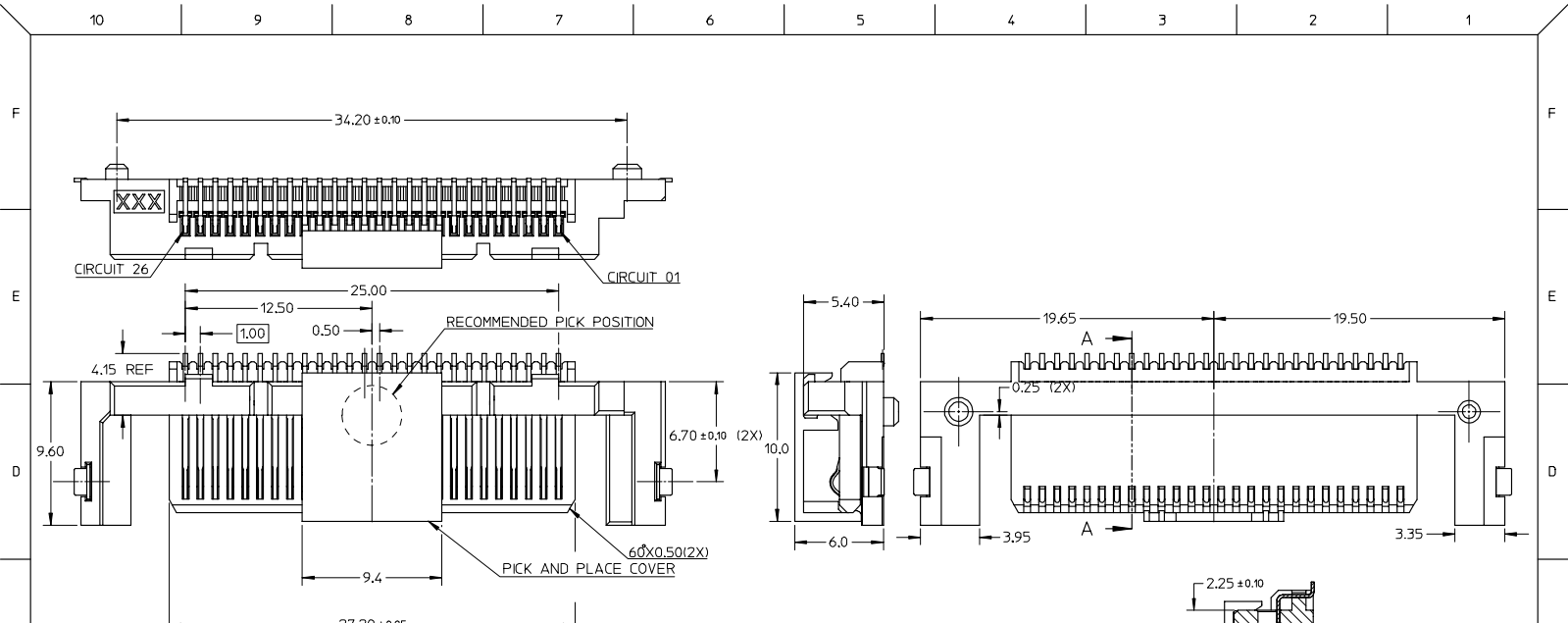


- NOTES:
- CONNECTOR DESIGN BASED ON EXPRESSCARD STANDARD,
  - COMPONENTS:  
HEADER: SHEET 2  
EJECTOR: SHEET 3
  - PCB LAYOUT PLEASE REFER TO SHEET 4,
  - TAIL COMPLANARITY OF HEADER TO BE 0.10 MAXIMUM, TRUE POSITION IS 0.15 MAXIMUM BETWEEN SOLDER TAILS,
  - NON REFLOW PROCESS FOR EJECTOR.
  - SCREW FASTENING TORQUE: 1.0 KGF-CM,
  - PRODUCT SPECIFICATION PLEASE REFER TO PS-47277-001.
  - 47322-0001 COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

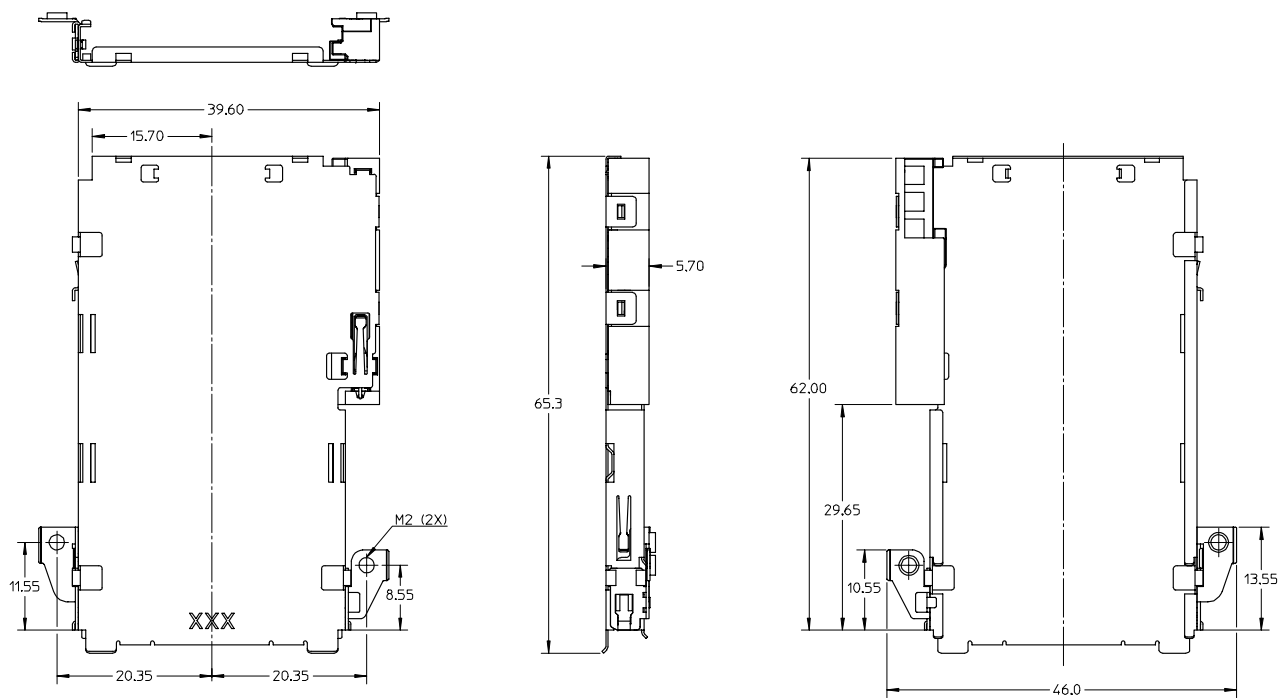


EC NO: SH2007-0352 DRAWN BY: 2006/11/17 CHIKO HARVEY APPR: JINCHEN 2006/11/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																	
	$\nabla=0$ $\sphericalangle=0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.30</td> <td>± 0.012</td> </tr> <tr> <td colspan="3">ANGULAR ± 3°</td> </tr> </table>		mm	INCH	4 PLACES	± 0.15	± 0.006	3 PLACES	± 0.20	± 0.008	2 PLACES	± 0.25	± 0.010	1 PLACE	± 0.30	± 0.012	ANGULAR ± 3°			MM ONLY	NTS	METRIC
	mm	INCH																					
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1 PLACE	± 0.30	± 0.012																					
ANGULAR ± 3°																							
A1	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: R. BIAN DATE: 2005/05/20 CHECKED BY: HARVEY DATE: 2006/04/18 APPROVED BY: JENNY DATE: 2006/04/18	TITLE	EXPRESSCARD 34MM BOTTOM MOUNT PUSH-PUSH TYPE																		
	REV		MATERIAL NO.: 47322-0001 SIZE: A3	MOLEX INCORPORATED DOCUMENT NO.: SD-47322-001	SHEET NO.: 1 OF 4																		



- NOTES:
- CONNECTOR DESIGN BASED ON EXPRESSCARD STANDARD;
  - MATERIAL:
    - HOUSING: LIQUID CRYSTAL POLYMER.
    - TERMINAL: PHOSPHOR BRONZE.
    - FITTING-NAIL: PHOSPHOR BRONZE.
    - PICK AND PLACE COVER: NYLON 46.
  - FINISH:
    - TERMINAL:
      - UNDERPLATING: NI OVERALL.
      - SELECTIVE GOLD ON CONTACT AREA.
      - THICKNESS: 15 MICROINCH MINIMUM.
      - SELECTIVE PURE TIN ON SOLDER TAIL AREA.
      - THICKNESS: 40-100 MICROINCH.
  - COPLANARITY AT SOLDER TAIL TO BE 0.10 MAXIMUM.
  - APPLIABLE CARD SLOT PLEASE REFER TO SHEET 3
  - PRODUCT SPECIFICATION PLEASE REFER TO PS-47277-001
  - 47322-0002 COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

EC NO: SH2007-0352 2006/11/17 DRW: WJCHEN 2006/11/22 CHK: CHAPREY 2006/11/28 APPR: JINCHEN	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.30 ± --- ANGULAR ± 3 °	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION EXPRESSCARD 34MM BOTTOM MOUNT PUSH-PUSH TYPE MOLEX INCORPORATED
	DESCRIPTION		MM ONLY	NTS	METRIC	
	REV		DRAWN BY	DATE	TITLE	
			CHECKED BY	DATE		
			APPROVED BY	DATE		
			JENNY	2006/04/18		
			MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			47322-0002	SD-47322-001	2 OF 4	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



NOTES:

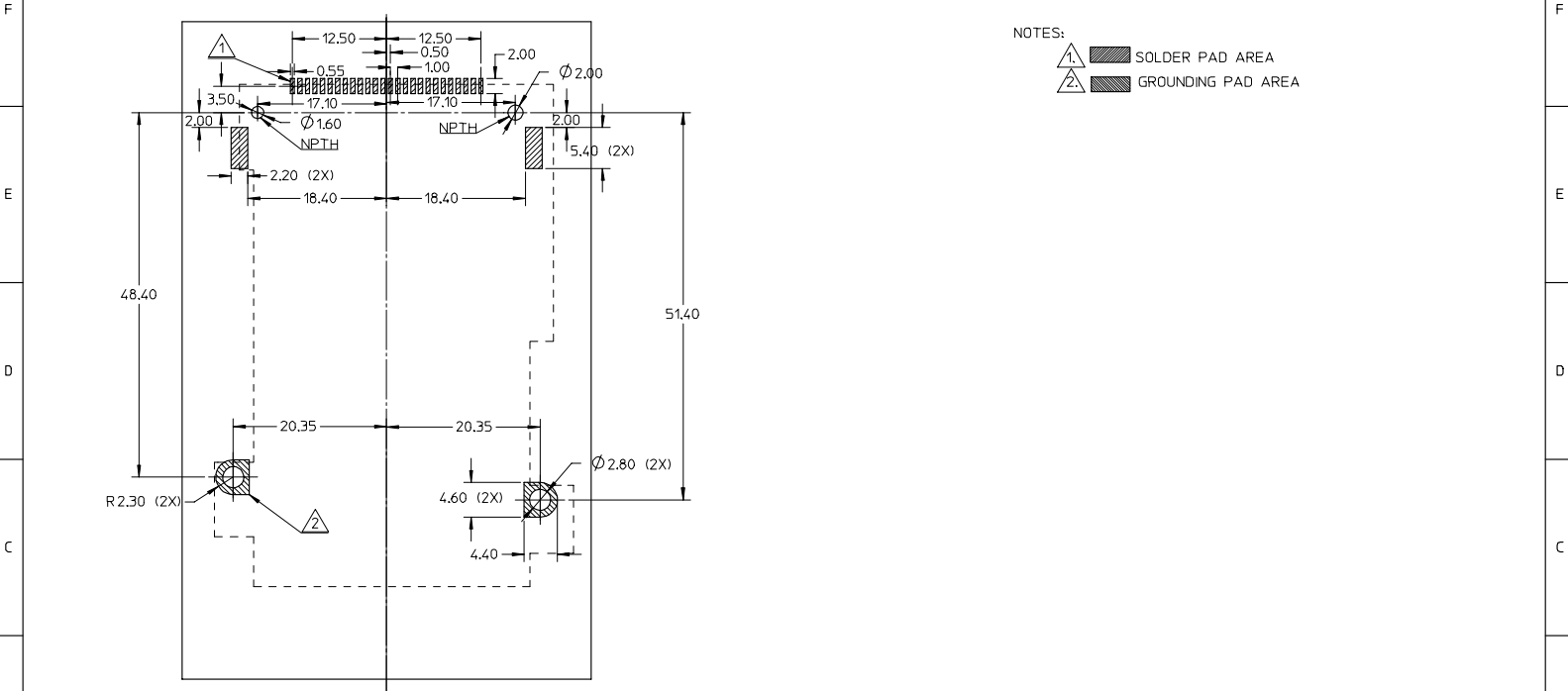
1. CONNECTOR DESIGN BASED ON EXPRESSCARD STANDARD;
2. THIS SLOT CAN ACCEPT ONLY 34MM EXPRESSCARD;
3. WHEN DELIVERING, THE CAM SLIDER MUST KEEP RELEASE STATUS;
4. PRODUCT SPEC PLEASE REFER TO PS-47277-001;
5. MATERIAL:

COIL SPRING: PIANO STEEL  
 EJECTOR HOUSING: NYLON 46  
 HOUSING SLOT: NYLON 46  
 SHELL: STAINLESS STEEL  
 CAM PIN: STAINLESS STEEL

6. 47322-0003 COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

EC NO: SH2007-0352 2006/11/17 DRAWN BY: CHIKCHAPREY 2006/11/28 APPR: JINCHEN	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.25 ± ---	1 PLACE ± 0.30 ± ---	ANGULAR ± 3 °	DRAWN BY R. B IAN	DATE 2005/05/20
A1	DESCRIPTION REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 47322-0003		DOCUMENT NO. SD-47322-001		SHEET NO. 3 OF 4
		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:  
 SOLDER PAD AREA  
 GROUNDING PAD AREA

RECOMMENDED PCB LAYOUT  
 COMPONENT SIDE

EC NO: SH2007-0352 2006/11/17 DRW: JICHEN 2006/11/22 CHK: HARVEY APPR: JICHEN 2006/11/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																		
	$\nabla=0$ $\sphericalangle=0$	<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>± 0.05</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>±</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 3 °</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.05	± ---	1 PLACE	±	± ---	ANGULAR ± 3 °			DRAWN BY: R. B IAN DATE: 2005/05/20 CHECKED BY: HARVEY DATE: 2006/04/18 APPROVED BY: JENNY DATE: 2006/04/18	TITLE	EXPRESSCARD 34MM BOTTOM MOUNT PUSH-PUSH TYPE	
		mm	INCH																					
	4 PLACES	± ---	± ---																					
3 PLACES	± ---	± ---																						
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1 PLACE	±	± ---																						
ANGULAR ± 3 °																								
DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. N/A	MOLEX INCORPORATED DOCUMENT NO. SD-47322-001		SHEET NO. 4 OF 4																			
REV A1		SIZE A3	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