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Part Number: [0473220003](#)
Status: **Active**
Description: 1.00mm (.039") Pitch ExpressCard* Ejector, Bottom Mount, Push-Push Type, for 34.00mm (1.34") Width Card, Lead Free

Documents:

[3D Model](#) [Product Specification PS-47277-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Memory Card Sockets
Series [47322](#)
Button Type Push-Push
Component Type Ejector (Host)
Product Name ExpressCard*
Type N/A

Physical

Card Detection Switch N/A
Circuits (Loaded) 26
Circuits (maximum) 26
Durability (mating cycles max) 10,000
Ejector Button Side No Ejector Button Present
Entry Angle 90° Angle (Side Entry)
Keying to Mating Part Yes
Material - Metal Piano wire, Stainless Steel
PCB Locator No
PCB Mounting Side Reverse
PCB Retention Yes
Packaging Type Tray
Pitch - Mating Interface (in) 0.039 In
Pitch - Mating Interface (mm) 1.00 mm
Pitch - Term. Interface (in) 0.039 In
Pitch - Term. Interface (mm) 1.00 mm
Ports 1
Temperature Range - Operating -40°C to +85°C

Electrical

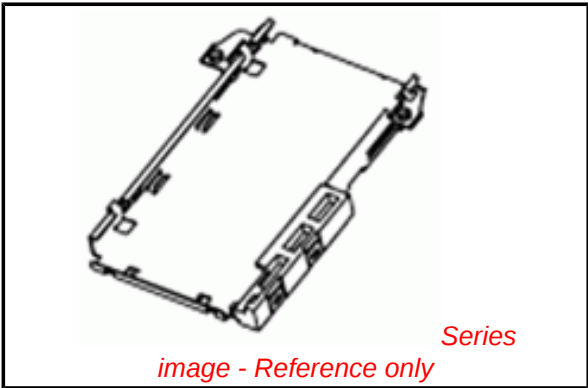
Current - Maximum per Contact 0.75A
Shielded Yes
Voltage - Maximum 3.3V

Material Info

Reference - Drawing Numbers

Packaging Specification PK-47322-003
Product Specification PS-47277-001
Sales Drawing SD-47322-001

* ExpressCard is trademark, or registered trademark of PCMCIA



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[47322Series](#)

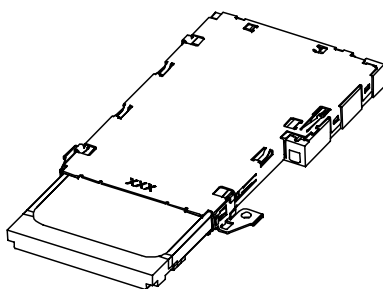
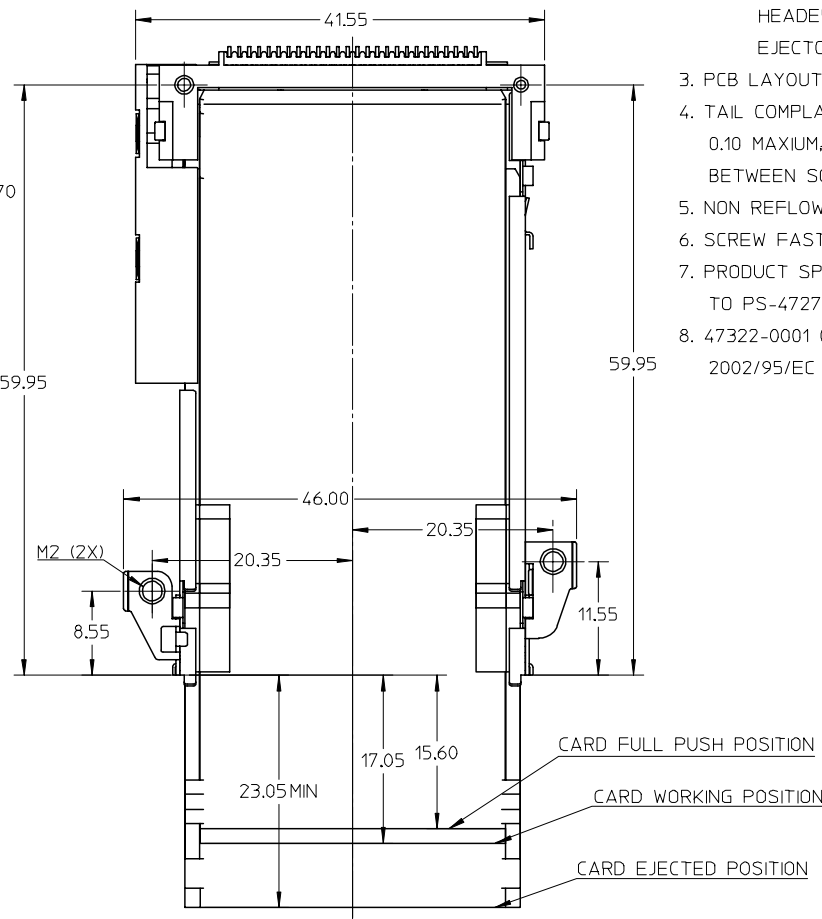
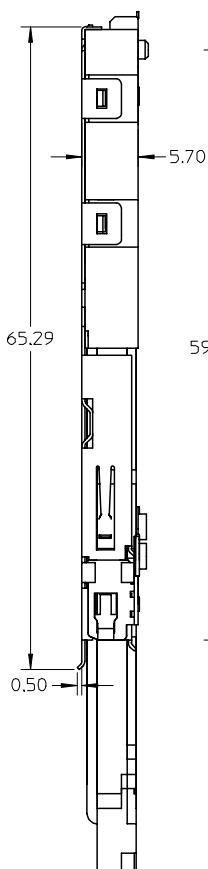
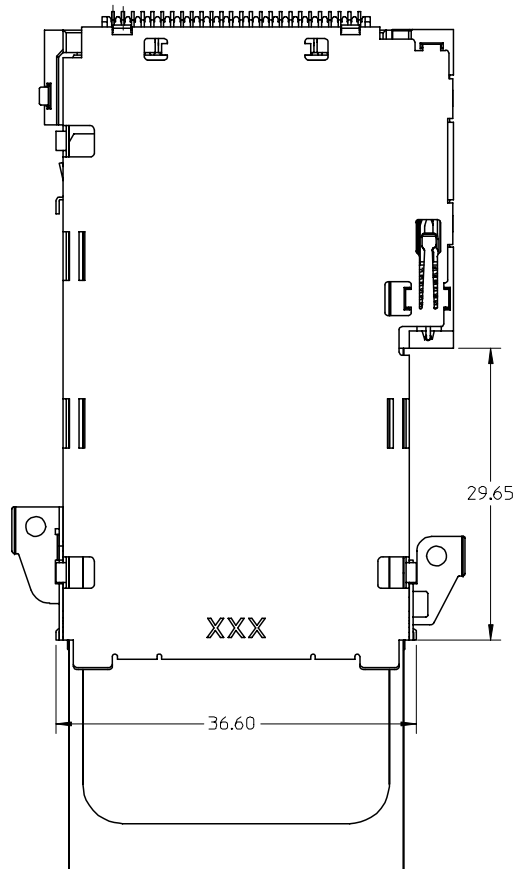
Mates With
ExpressCard* Module

Use With
[473220002](#)

10 9 8 7 6 5 4 3 2 1

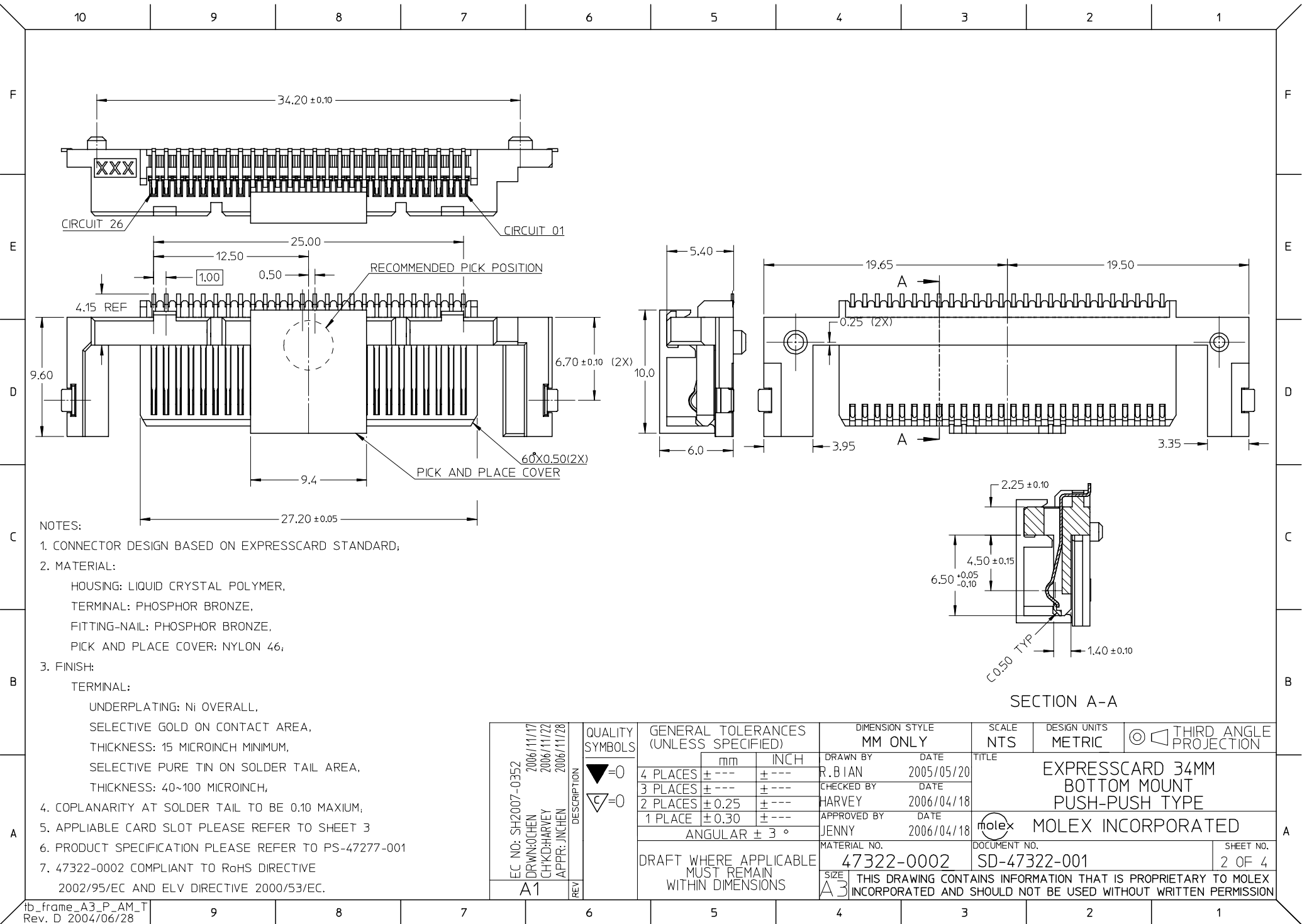
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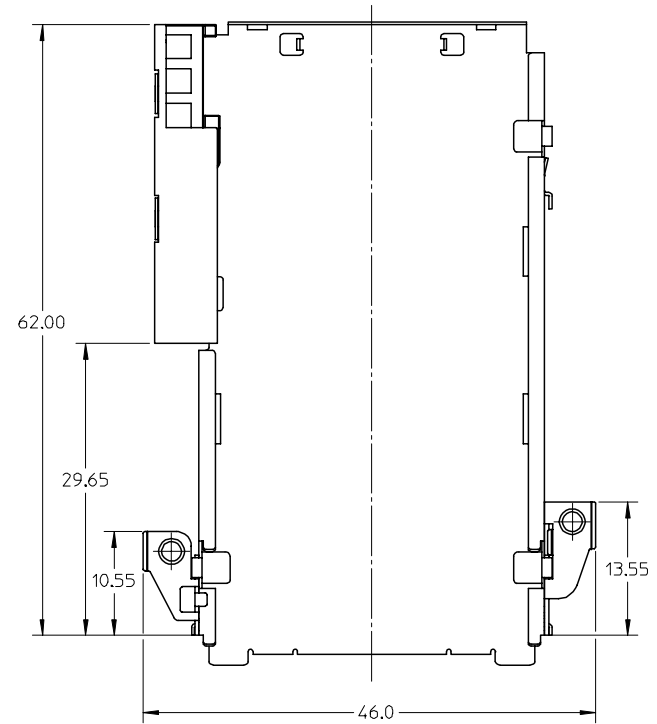
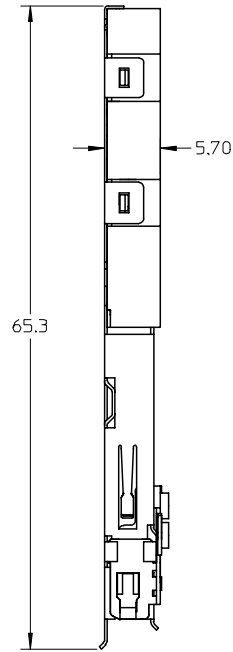
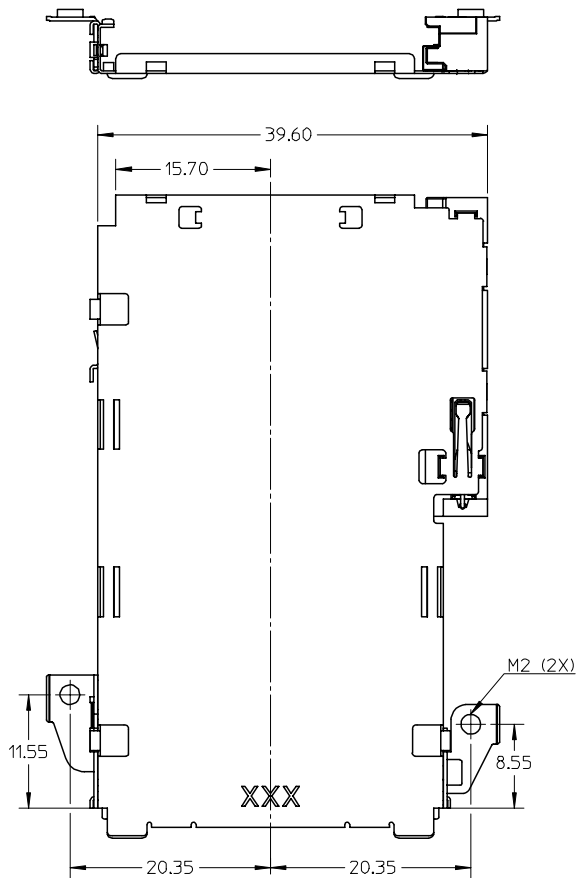
1. CONNECTOR DESIGN BASED ON EXPRESSCARD STANDARD;
2. COMPONENTS:
HEADER: SHEET 2
EJECTOR: SHEET 3
3. PCB LAYOUT PLEASE REFER TO SHEET 4;
4. TAIL COMPLANARITY OF HEADER TO BE 0.10 MAXIMUM, TRUE POSITION IS 0.15 MAXIMUM BETWEEN SOLDER TAILS;
5. NON REFLOW PROCESS FOR EJECTOR.
6. SCREW FASTENING TORQUE: 1.0 KGF-CM;
7. PRODUCT SPECIFICATION PLEASE REFER TO PS-47277-001.
8. 47322-0001 COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.



EC NO: SH2007-0352 DRWN: CHEN 2006/11/17 CHKD: HARVEY 2006/11/22 APPR: JCHEN 2006/11/28	DESCRIPTION	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 2005/05/20	TITLE EXPRESSCARD 34MM BOTTOM MOUNT PUSH-PUSH TYPE			
			4 PLACES	± ---	± ---	CHECKED BY HARVEY	DATE 2006/04/18				
			3 PLACES	± ---	± ---	APPROVED BY JENNY	DATE 2006/04/18				 MOLEX INCORPORATED
			2 PLACES	± 0.25	± ---	MATERIAL NO. 47322-0001		DOCUMENT NO. SD-47322-001	SHEET NO. 1 OF 4		
			1 PLACE	± 0.30	± ---	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			
A1	REV					SIZE A3					

9 8 7 6 5 4 3 2 1





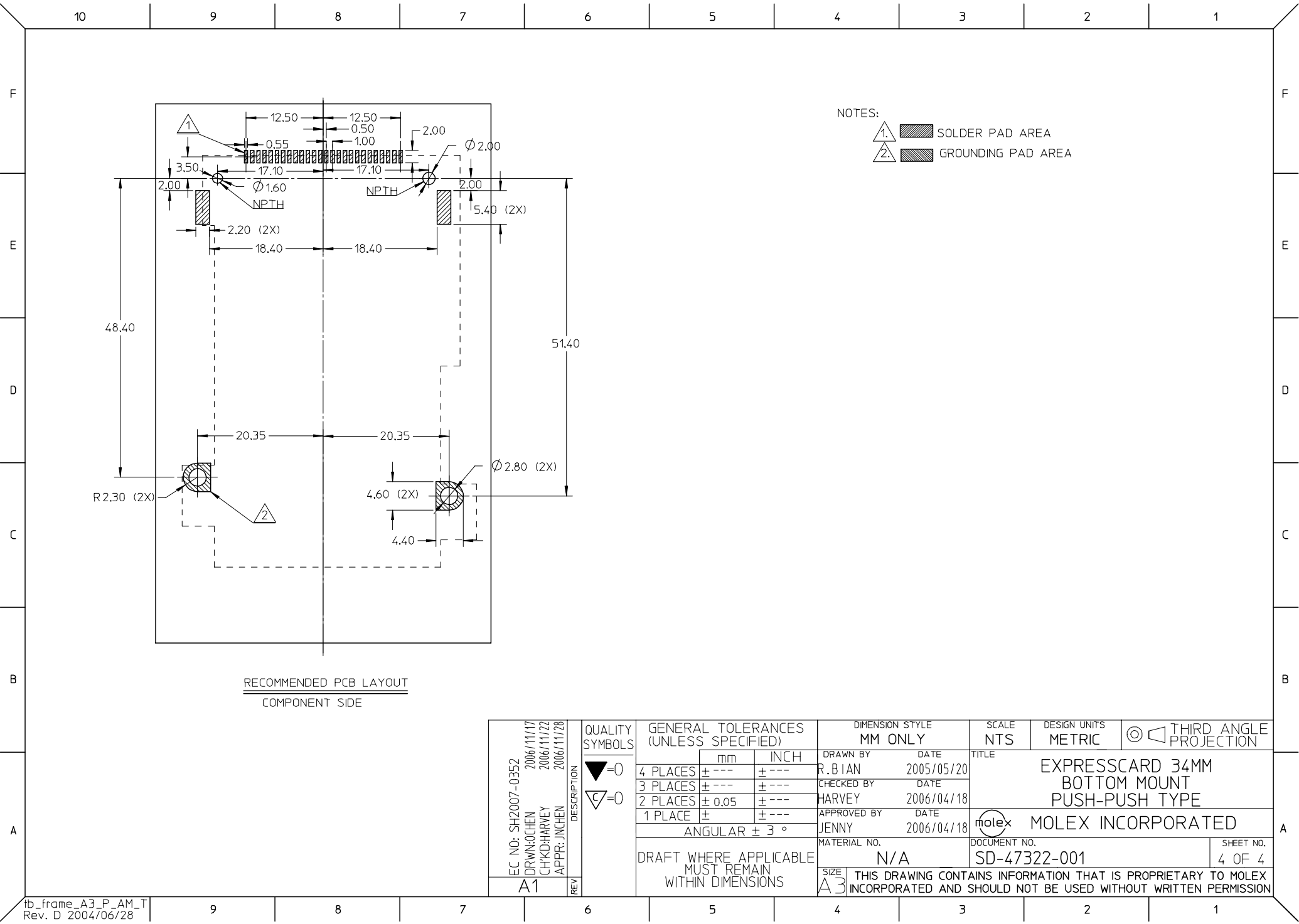
NOTES:

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 DRWN: CHEN CHKD: HARVEY 2006/11/22 APPR: JNCHEN 2006/11/28	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY R.BIAN	DATE 2005/05/20	EXPRESSCARD 34MM BOTTOM MOUNT PUSH-PUSH TYPE				
			4 PLACES	± ---	± ---	CHECKED BY HARVEY	DATE 2006/04/18					
			3 PLACES	± ---	± ---	APPROVED BY JENNY	DATE 2006/04/18					
			2 PLACES	± 0.25	± ---	MATERIAL NO. 47322-0003		DOCUMENT NO. SD-47322-001		SHEET NO. 3 OF 4		
1 PLACE	± 0.30	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED							
ANGULAR ± 3 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
SIZE A3												



RECOMMENDED PCB LAYOUT
COMPONENT SIDE

- NOTES:
- 1. SOLDER PAD AREA
 - 2. GROUNDING PAD AREA

EC NO: SH2007-0352 DRWN: CHEN 2006/11/17 CHKD: HARVEY 2006/11/22 APPR: JNCHEN 2006/11/28		DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
						DRAWN BY R.BIAN		DATE 2005/05/20	TITLE EXPRESSCARD 34MM BOTTOM MOUNT PUSH-PUSH TYPE			
						CHECKED BY HARVEY		DATE 2006/04/18				
						APPROVED BY JENNY		DATE 2006/04/18				
A1		REV		ANGULAR ± 3 °		MATERIAL NO. N/A		DOCUMENT NO. SD-47322-001		SHEET NO. 4 OF 4		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				