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Part Number: [0482009222](#)
Status: **Active**
Overview:
Description: 1.27mm (.050") Pitch Compact PCI Slot, Board-to-Board Edge Card Connector, Vertical, Double-Sided, Dual Read-Out, Brown, with Plastic Peg, 0.38µm (15µ") Gold (Au) Plating, Voltage 3.3V, 184 Circuits, Lead Free

General

Product Family	Edge Card Connectors
Series	48200
Comments	3V Card Configuration
Component Type	Edgecard to PCB
Overview	edge_card_connectors
Product Name	Edge Card

Physical

Circuits (Loaded)	184
Circuits (maximum)	184
Circuits Detail	All Signal
Durability (mating cycles max)	50
Entry Angle	Vertical (Top Entry)
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Polarized to Mating Part	Yes
Temperature Range - Operating	-10°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-48200-001
Product Specification	PS-48200-001
Sales Drawing	SD-48200-001
Test Summary	TS-48200-001

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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

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

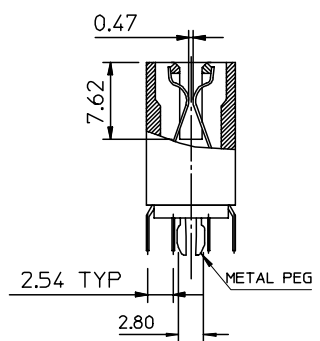
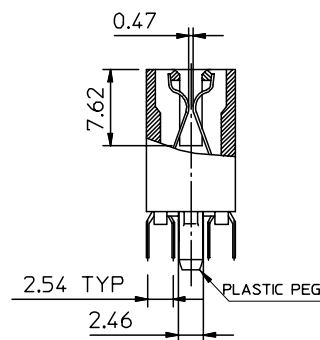
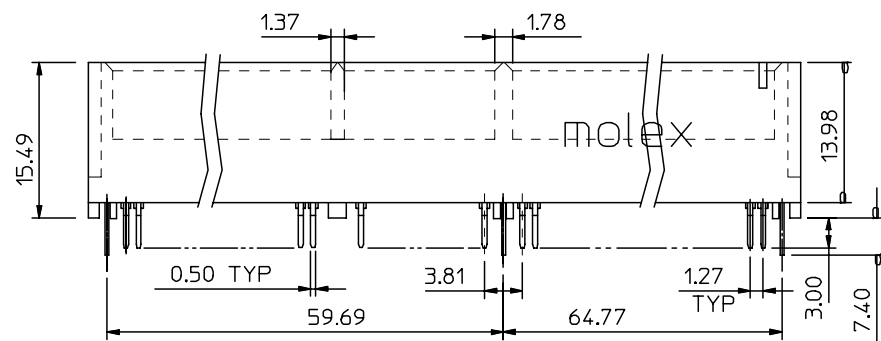
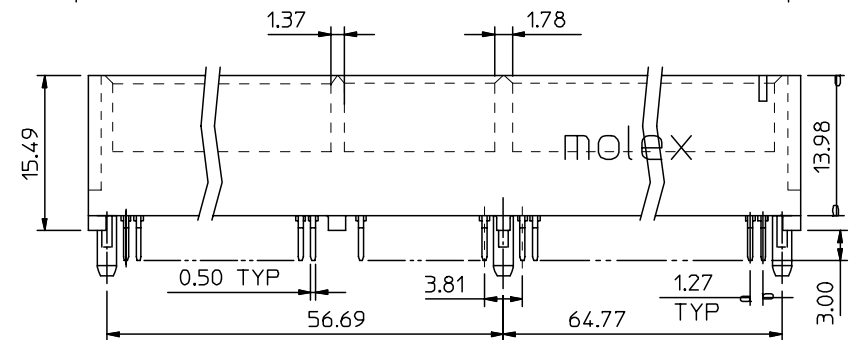
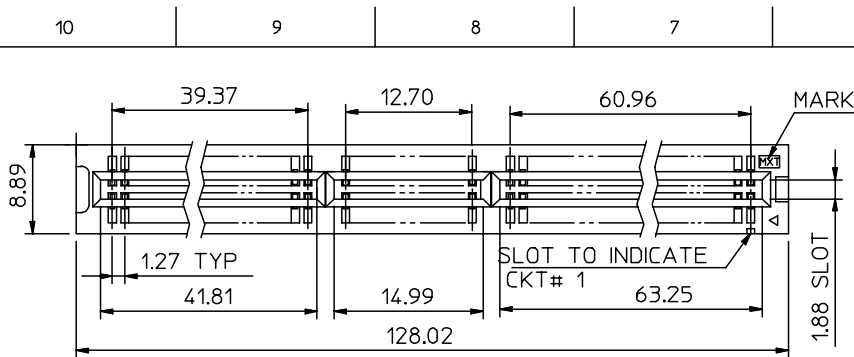
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[48200Series](#)

Mates With

64-bit PCI card



NOTES:

1. MATERIAL:

HOUSING : PPS

TERMINAL: PHOSPHOR BRONZE

2.FINISH 0 - GOLD FLASH IN CONTACT AREA, 152um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

1 - 0.25um/10uin MIN. GOLD IN CONTACT AREA, 152um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

2 - 0.38um/15uin MIN. GOLD IN CONTACT AREA, 152um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

3 - 0.76um/30uin MIN. GOLD IN CONTACT AREA, 152um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

4 - 0.50um/20uin MIN. GOLD IN CONTACT AREA, 152um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

3. PRODUCT SPECIFICATION REFER TO PS-48200-001.

4. PRODUCT SPECIFICATION : PER PS-48200-001

5. TEST SUMMARY : PER TS-48200-001

6. PACKAGE SPECIFICATION : PK-48200-001

7. LEAD FREE AND ROHS COMPLIANT PRODUCT

PART NO. LEGEND : 48200 - 92**

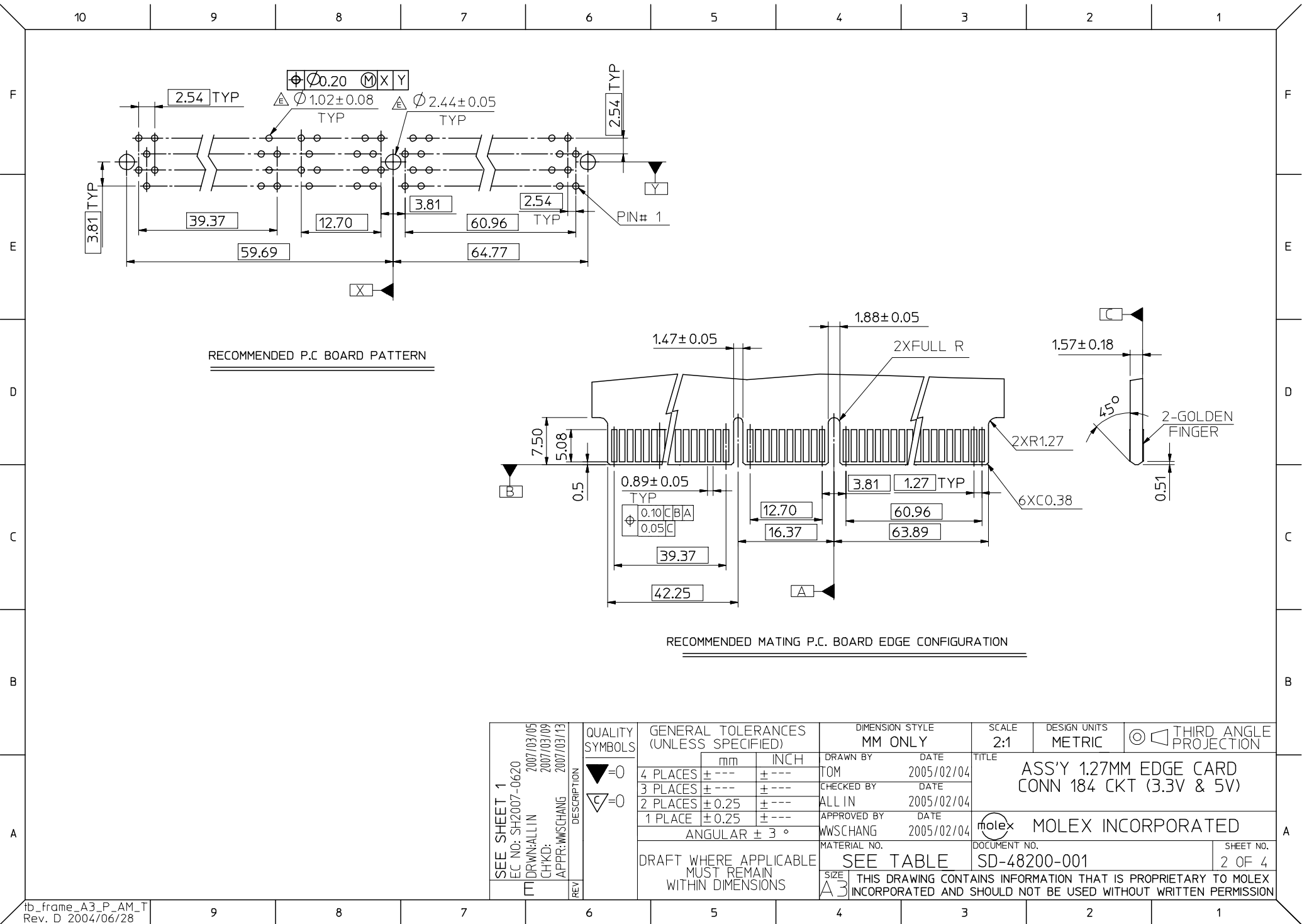
0:STANDARD , BROWN , 5V, PLASTIC PEG

1:STANDARD , WHITE , 5V, PLASTIC PEG

5:STANDARD , WHITE , 5V, METAL PEG

PLATING VERSION (REFER TO NOTES 2)

DRAWING ERROR				QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE	SHEET NO. 1 OF 4
EC NO:	CHKD:	APPR:	REV								
2007/03/05	2007/03/09	2007/03/13		▽=0	mm INCH	DRAWN BY TOM	DATE 2005/02/04	MOLEX INCORPORATED	SD-48200-001	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DRW:NALLIN	CHKD:	APPR:WWSCHANG		▽=0		CHECKED BY ALL IN	DATE 2005/02/04				
					1 PLACE ±0.25 ±---	APPROVED BY WWSCHANG	DATE 2005/02/04	MOLEX INCORPORATED	SD-48200-001	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
					ANGULAR ± 3 °	MATERIAL NO.					
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3					



RECOMMENDED P.C. BOARD PATTERN

RECOMMENDED MATING P.C. BOARD EDGE CONFIGURATION

SEE SHEET 1 EC NO: SH2007-0620 DRWN:ALLIN CHKD: APPR:WWSCHANG	2007/03/05 2007/03/09 2007/03/13	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE ASS'Y 1.27MM EDGE CARD CONN 184 CKT (3.3V & 5V)			
						DRAWN BY TOM	DATE 2005/02/04	APPROVED BY WWSCHANG				DATE 2005/02/04		
						CHECKED BY ALL IN	DATE 2005/02/04							
						APPROVED BY WWSCHANG								
				ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-48200-001				2 OF 4		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

SLOT TO INDICATE
CKT# 1

MARK

NOTES:

1. MATERIAL:

HOUSING : PPS

TERMINAL: PHOSPHOR BRONZE



0 - GOLD FLASH IN CONTACT AREA, 1.52um/60uin
MIN. TIN IN SOLDER TAIL, BOTH OVER 0.76um/
30uin MIN. NICKEL OVERALL.

1 - 0.25um/10uin MIN. GOLD IN CONTACT AREA,
1.52um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER
0.76um/30uin MIN. NICKEL OVERALL.

2 - 0.38um/15uin MIN. GOLD IN CONTACT AREA,
1.52um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER
0.76um/30uin MIN. NICKEL OVERALL.

3 - 0.76um/30uin MIN. GOLD IN CONTACT AREA,
1.52um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER
0.76um/30uin MIN. NICKEL OVERALL.

4 - 0.50um/20uin MIN. GOLD IN CONTACT AREA,
1.52um/60uin MIN. TIN IN SOLDER TAIL, BOTH OVER
0.76um/30uin MIN. NICKEL OVERALL.

3. PROCUDT SPECIFICATION REFER TO PS-48200-001.

4. PRODUCT SPECIFICATION : PER PS-48200-001

5. TEST SUMMARY : PER TS-48200-001

6. PACKAGE SPECIFICATION : PK-48200-001

7. LEAD FREE AND ROHS COMPLIANT PRODUCT

PART NO. LEGEND : 48200 - 92**

PEG VERSION, COLOR PLATING VERSION
(SEE NOTES 2)

2 : STANDARD , BROWN , 3.3V, PLASTIC PEG

3 : STANDARD , WHITE , 3.3V, PLASTIC PEG

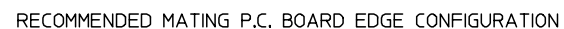
4 : STANDARD , RED , 3.3V, PLASTIC PEG

6 : STANDARD , WHITE, 3.3V, METAL PEG

7 : STANDARD , GREEN , 3.3V, PLASTIC PEG
(PANTON COLOR 365C)

8 : STANDARD , BLACK , 3.3V, PLASTIC PEG

SEE SHEET 1 EC NO: SH2007-0620 2007/03/05 DRWN:ALLIN 2007/03/09 CHKD: APPR:WWSCHANG 2007/03/13	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY TOM	DATE 2005/02/04	TITLE ASS'Y 1.27MM EDGE CARD CONN 184 CKT (3.3V & 5V)			
		4 PLACES	± ---	± ---	CHECKED BY ALL IN	DATE 2005/02/04				
		3 PLACES	± ---	± ---	APPROVED BY WWSCHANG	DATE 2005/02/04	MOLEX INCORPORATED			
		2 PLACES	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.				
		1 PLACE	± 0.25	± ---	SEE TABLE		SD-48200-001			
		ANGULAR ± 3 °		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				



tb_frame_A3_P_AM_T
Rev. D 2004/06/28