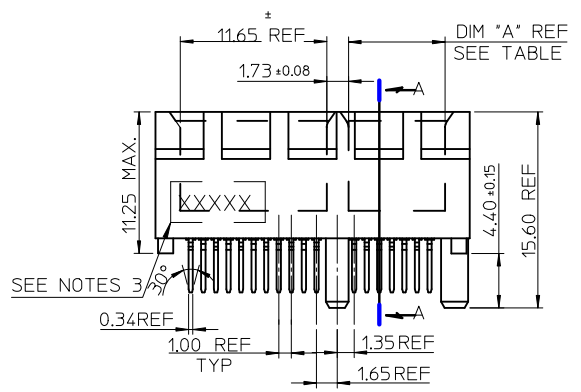
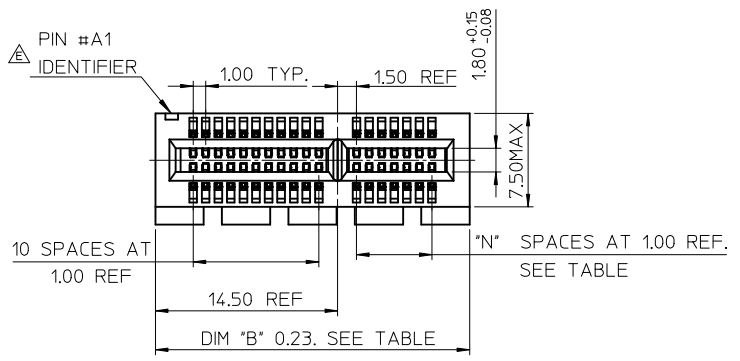
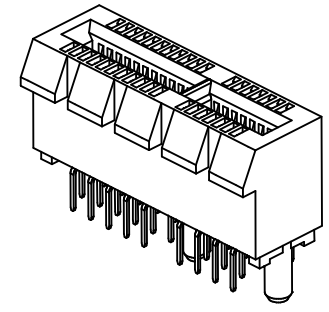
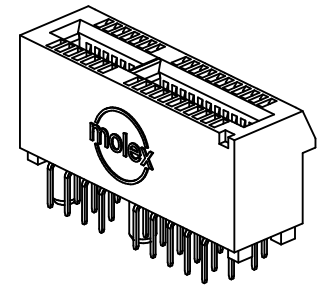
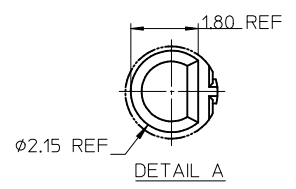


SECTION A-A



NOTES:

1.MATERIALS:

1-1.HOUSING: SEE TABLE ,GLASS FIBER FILLED UL94V-0, COLOR: SEE TABLE.

1-2.CONTACT: SEE TABLE

2.PLATING:

2-1.CONTACT AREA: GOLD, THICKNESS : SEE TABLE .

2-2.SOLDER TAIL: 100 MICRINCH MIN. TIN PLATING.

2-3.UNDER PLATING: NICKEL PLATING OVERALL.

3.WEEK CODE: XX(YEAR) XX(WEEK) X(LOCATION).

4.PRODUCT SPECIFICATION REFER TO PS-87715-200.

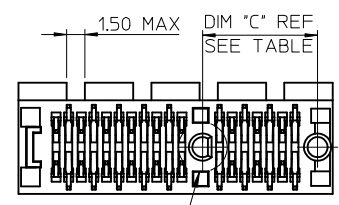
5.PACKAGING SPECIFICATION REFER TO PK-87715-207.

6.TEST SUMMARY:REFER TO TS-87715-207.

7.LEAD FREE AND ROHS COMPLIANCE PRODUCT.

CONNECTOR LINK WIDTH	# POS REF	N	DIM 'A' REF	DIM 'B' REF	DIM 'C' REF
X1	36	6	7.65	25.00	9.15
X4	64	20	21.65	39.00	23.15
X8	98	37	38.65	56.00	40.15
X16	164	70	71.65	89.00	73.15

PCB THK (REF)	DIM 'D' REF
1.60	2.30
1.58	2.54
2.36	3.00



REVISED EC NO: SH2010-0468 DRAWNR:ZHANG CHKD:ALLEN LIN APPR:X.J.SONG H	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_B=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY TOM	DATE 2004/07/20	TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)				
			4 PLACES	± ---	± ---	CHECKED BY ALLEN LIN	DATE 2004/07/20					
			3 PLACES	± ---	± ---	APPROVED BY WILSON	DATE 2004/07/20					
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE SHEET 4		DOCUMENT NO. SD-87715-207		SHEET NO. 1 OF 4		
			1 PLACE	± 0.25	± ---							
			ANGULAR ± 3 °			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					

10 9 8 7 6 5 4 3 2 1

F

E

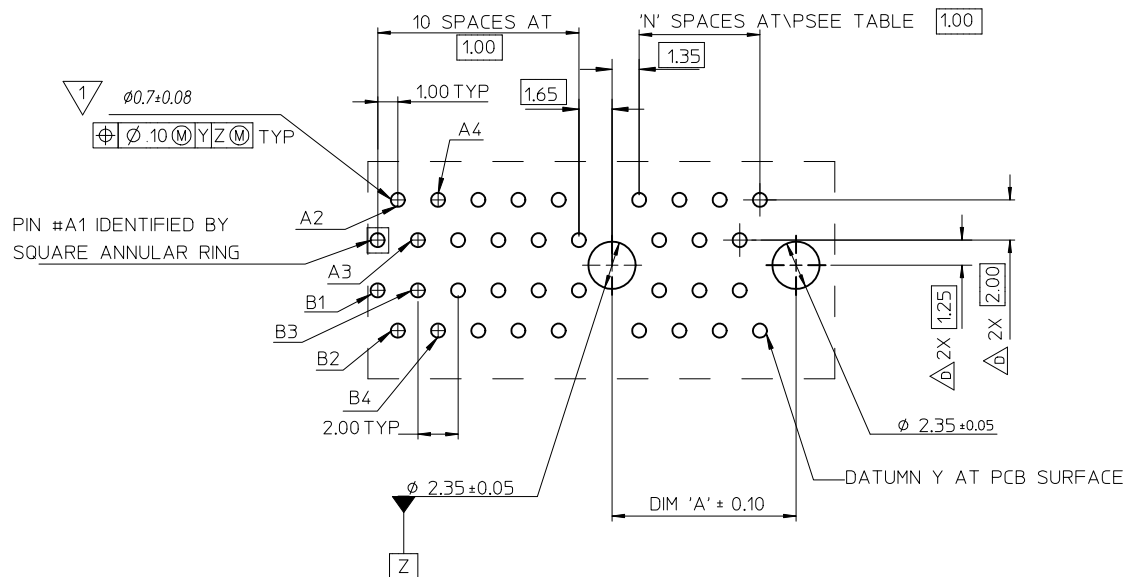
D

C

B

A

1 THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO $\phi 2.35$ HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z



CONNECTOR LINK WIDTH	# POS REF	N	DIM 'A'
X1	36	6	9.15
X4	64	20	23.15
X8	98	37	40.15
X16	164	70	73.15

SEE SHEET 1 EC NO: SH2010-0468 DRAWN BY: DRWNRZhang CHKD: ALLEN LIN APPR: XJSONG REV: H	QUALITY SYMBOLS 	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY TOM	DATE 2004/07/20	TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)			
			4 PLACES	± ---	± ---	CHECKED BY ALLEN LIN	DATE 2004/07/20				
			3 PLACES	± ---	± ---	APPROVED BY WILSON	DATE 2004/07/20				
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE SHEET 4		DOCUMENT NO. SD-87715-207		SHEET NO. 2 OF 4	
1 PLACE	± 0.25	± ---	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								

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

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F

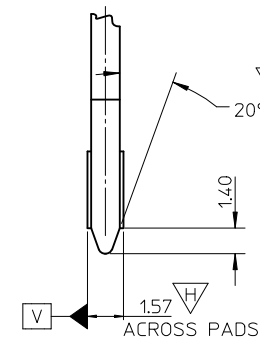
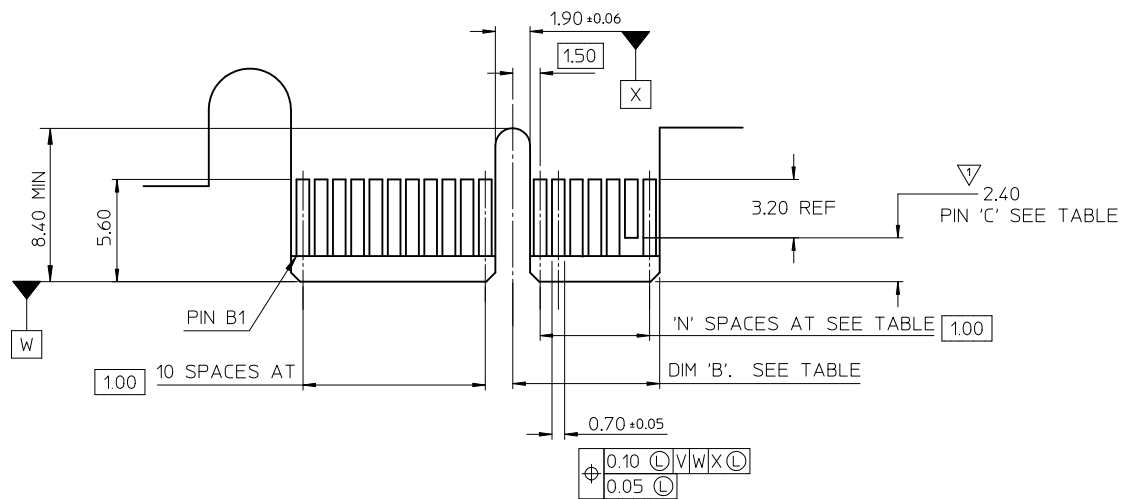
E

D

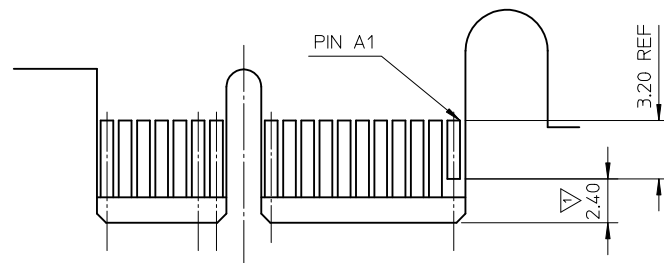
C

B

A



- 1 NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND "C".
- 2 CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3. TOLERANCE: .XX±.13



CONNECTOR LINK WIDTH	# POS REF	N	DIM 'B'	'C'
X1	36	6	8.15	B17
X4	64	20	22.15	B17, B31
X8	98	37	39.15	B17, B31 B48
X16	164	70	72.15	B17, B31 B48, B81

I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

SEE SHEET 1 EC NO: SH2010-0468 DRAWN: ZHANG CHKD: ALLEN LIN APPR: XJ SONG REV	DESCRIPTION	QUALITY SYMBOLS F A=0 F G=0 F P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	⊙ □ THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY TOM	DATE 2004/07/20	TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)			
			4 PLACES	± ---	± ---	CHECKED BY ALLEN LIN	DATE 2004/07/20				
			3 PLACES	± ---	± ---	APPROVED BY WILSON	DATE 2004/07/20				
			2 PLACES	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			1 PLACE	± 0.25	± ---	SEE SHEET 4		SD-87715-207		3 OF 4	
			ANGULAR ± 3 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

C

B

B

A

A

▽H

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-9001	36	NYLON46	BLACK	PHOSPHOR BRONZE	10 MICROINCH	2.54
87715-9003					GOLD FLASH	3.00
87715-9004					10 MICROINCH	
87715-9007					GOLD FLASH	
87715-9008					15 MICROINCH	2.30

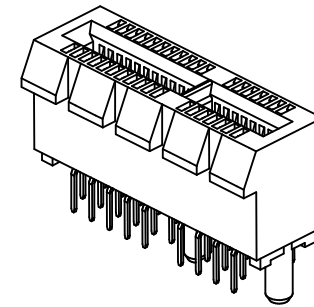
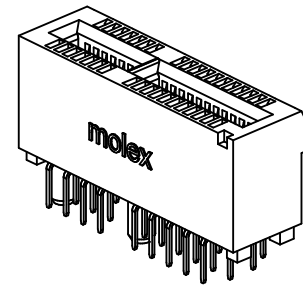
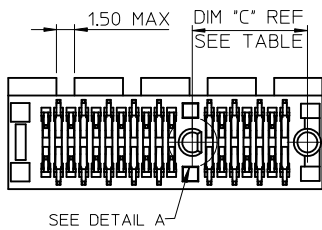
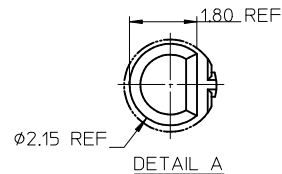
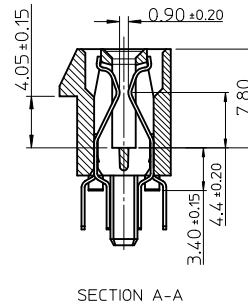
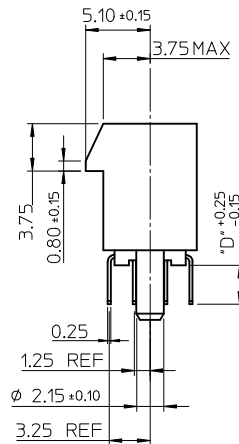
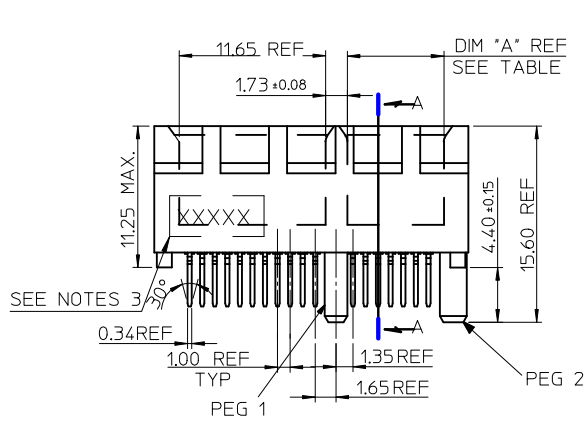
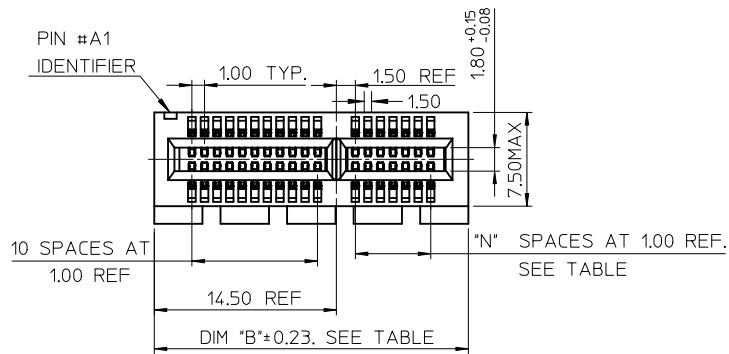
MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-9100	64	NYLON46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	2.54
87715-9101					10 MICROINCH	
87715-9102					15 MICROINCH	3.00
87715-9103					GOLD FLASH	
87715-9104					10 MICROINCH	
87715-9105					15 MICROINCH	2.54
87715-9106					30 MICROINCH	
87715-9107					GOLD FLASH	2.30
87715-9108					15 MICROINCH	3.00
87715-9109					30 MICROINCH	

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-9200	98	NYLON46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	2.54
87715-9201					10 MICROINCH	
87715-9202					15 MICROINCH	3.00
87715-9203					GOLD FLASH	
87715-9204					10 MICROINCH	
87715-9205					15 MICROINCH	2.54
87715-9206					30 MICROINCH	
87715-9207					GOLD FLASH	2.30
87715-9208					15 MICROINCH	3.00
87715-9209					30 MICROINCH	

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-9602	98	NYLON46	BLACK	BRASS	15 MICROINCH	2.54

▽H

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-9301	164	NYLON46	BLACK	PHOSPHOR BRONZE	10 MICROINCH	2.54
87715-9304					GOLD FLASH	3.00
87715-9307						2.30
87715-9308					15 MICROINCH	



NOTES:

1.MATERIALS:

1-1.HOUSING: SEE TABLE ,GLASS FIBER FILLED UL94V-0, COLOR: SEE TABLE.

1-2.CONTACT: SEE TABLE

2.PLATING:

2-1.CONTACT AREA: GOLD, THICKNESS : SEE TABLE .

2-2.SOLDER TAIL: 100 MICROINCH MIN. TIN PLATING.

2-3.UNDER PLATING: NICKEL PLATING OVERALL.

3.DATE CODE: YY MM DD.

4.PRODUCT SPECIFICATION REFER TO PS-87715-200.

5.TEST SUMMARY:REFER TO TS-87715-207.

CONNECTOR LINK WIDTH	# POS REF	N	DIM "A"	DIM "B"	DIM "C"
X1	36	6	7.65	25.00	9.15
X16	164	70	71.65	89.00	73.15

PCB THK (REF)	DIM "D"
1.58	2.54
2.36	3.00

REVISED	EC NO: SH2011-0358	DRWN:FYANG05	CHKD:	APPR:RZHANG	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	MOLEX INCORPORATED	DOCUMENT NO.	SHEET NO.
								mm	INCH	MM ONLY	DATE							
								4 PLACES	± ---	± ---	DAVID HU	2007/05/14						
								3 PLACES	± ---	± ---	CHECKED BY	DATE						
								2 PLACES	± 0.25	± ---	HARVEY	2007/05/14						
								1 PLACE	± 0.25	± ---	APPROVED BY	DATE						
								ANGULAR ± 3 °		JENNY CHEN	2007/05/14							
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.								
								SEE SHEET 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

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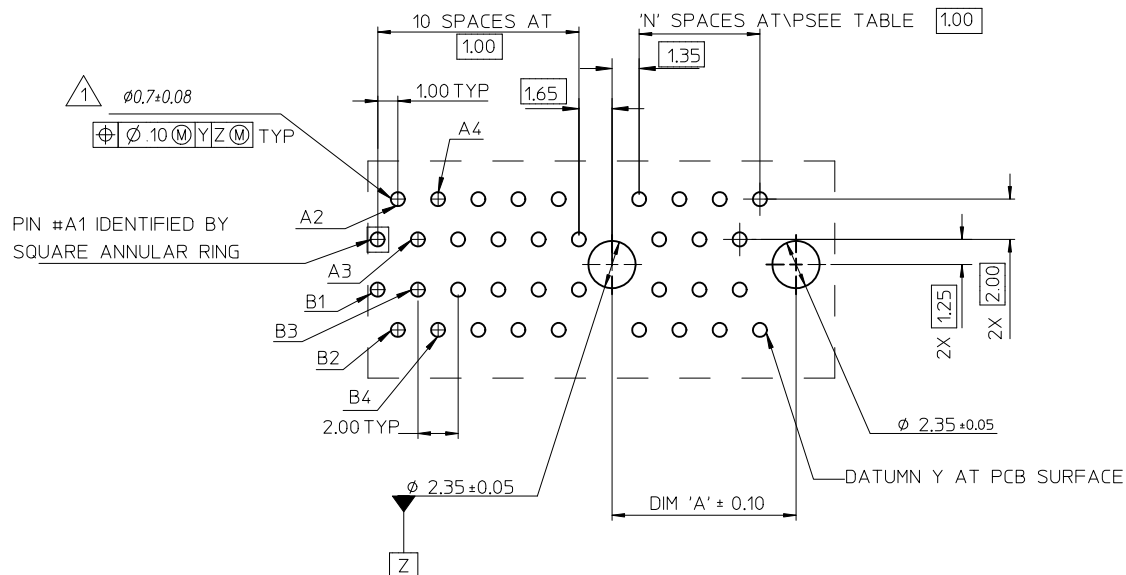
D

C

B

A

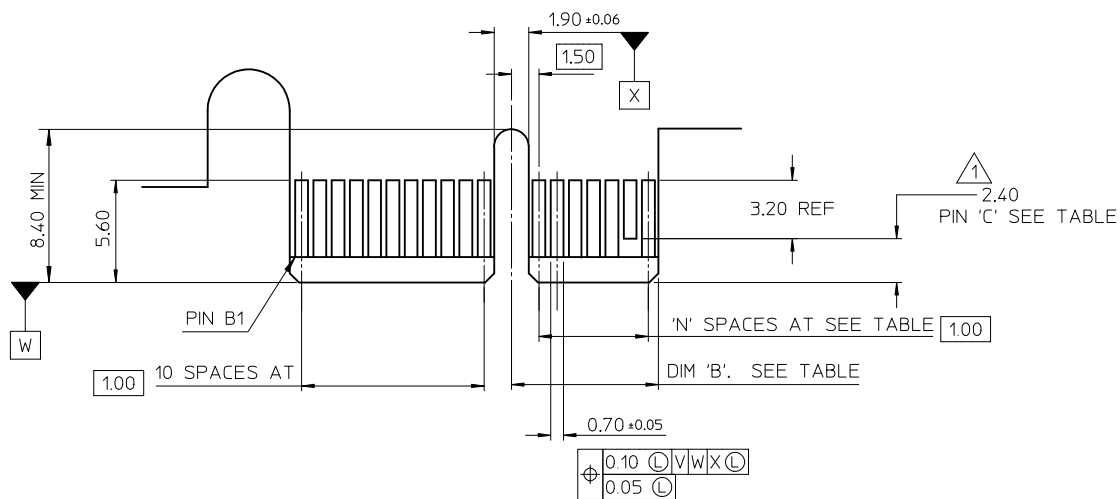
△1 THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO $\phi 2.35$ HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z



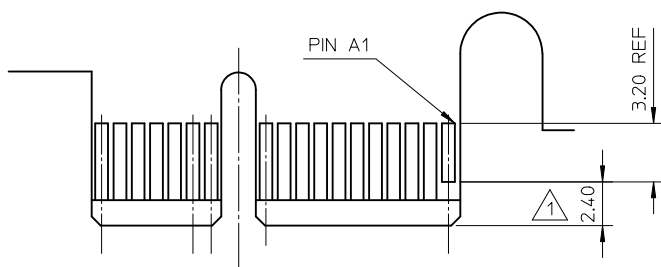
CONNECTOR LINK WIDTH	# POS REF	N	DIM 'A'
X1	36	6	9.15
X16	164	70	73.15

SEE SHEET 1 EC NO: SH2011-0358 DRWN: FYANG05 CHKD: APPR: RZHANG REV	DESCRIPTION 2011/06/02 2011/06/07	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY DAVID HU	DATE 2007/05/14	PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)			
			4 PLACES	± ---	± ---	CHECKED BY HARVEY	DATE 2007/05/14				
			3 PLACES	± ---	± ---	APPROVED BY JENNY CHEN	DATE 2007/05/14	MOLEX INCORPORATED			
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE SHEET 1					
			1 PLACE	± 0.25	± ---	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			
			ANGULAR ± 3 °								

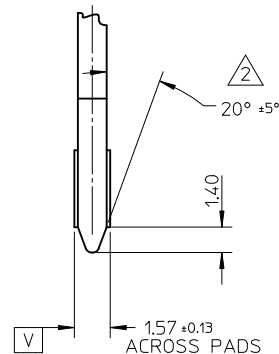
9 8 7 6 5 4 3 2 1



PRIMARY (COMPONENT) SIDE



SECONDARY (SOLDER) SIDE



- 1 NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND "C".
- 2 CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- 3 TOLERANCE: .XX±.13

CONNECTOR LINK WIDTH	# POS REF	N	DIM 'B'	'C' 1
X1	36	6	8.15	B17
X16	164	70	72.15	B17, B31 B48,B81

SEE SHEET 1 EC NO: SH2011-0358 DRAWN: FANG05 CHKD: CHYD APPR: RZHANG 2011/06/02 2011/06/07	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
							MM ONLY			METRIC			
					mm	INCH	DRAWN BY	DATE	PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)				
			4 PLACES		± ---	± ---	DAVID HU	2007/05/14					
			3 PLACES		± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
			2 PLACES		± 0.25	± ---	HARVEY	2007/05/14					
			1 PLACE		± 0.25	± ---	APPROVED BY	DATE	SD-87715-901				
					ANGULAR ± 3 °		JENNY CHEN	2007/05/14					
							MATERIAL NO.		SHEET NO. 3 OF 4				
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE SHEET 1		SD-87715-901				
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH	PEG 1	PEG 2	DESCRIPTION
87715-9000	36	NYLON46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	2.54	WITH	WITH	TOOLED
87715-9002					15 MICROINCH				
87715-9005					15 MICROINCH	3.00			
87715-9006					30 MICROINCH	2.54			
87715-9009					30 MICROINCH	3.00			



MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH	PEG 1	PEG 2	DESCRIPTION
87715-9300	164	NYLON46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	2.54	WITH	WITH	TOOLED
87715-9302					15 MICROINCH				
87715-9303					GOLD FLASH	3.00			
87715-9305					15 MICROINCH				
87715-9306					30 MICROINCH	2.54			
87715-9309					30 MICROINCH	3.00			

SEE SHEET 1

EC NO: SH2011-0358

DRWN:FYANG05

CHKD:

APPR:RZHANG

2011/06/02

2011/06/07

QUALITY SYMBOLS

$F_A=0$

$F_C=0$

$F_P=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	$\pm$ 0.25	$\pm$ ---
1 PLACE	$\pm$ 0.25	$\pm$ ---

ANGULAR $\pm$ 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE
DAVID HU	2007/05/14
CHECKED BY	DATE
HARVEY	2007/05/14
APPROVED BY	DATE
JENNY CHEN	2007/05/14

MATERIAL NO.

SEE SHEET 1

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

PCI EXPRESS
EDGE CARD CONNECTOR
(LEAD FREE VERSION)

MOLEX INCORPORATED

DOCUMENT NO.

SD-87715-901

SHEET NO.

4 OF 4

SIZE

A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.