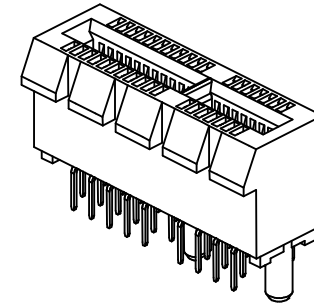
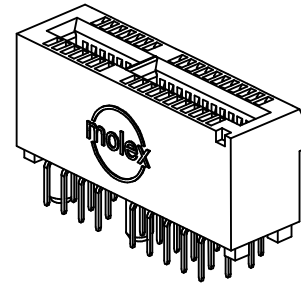
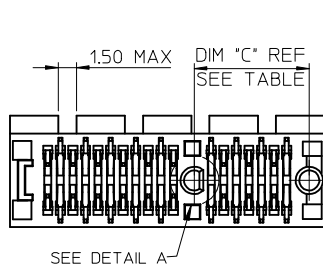
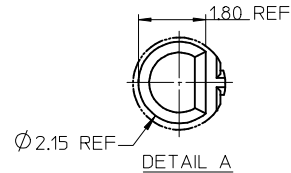
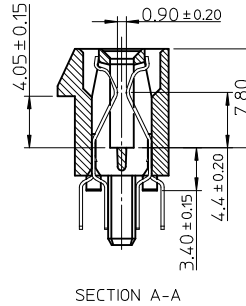
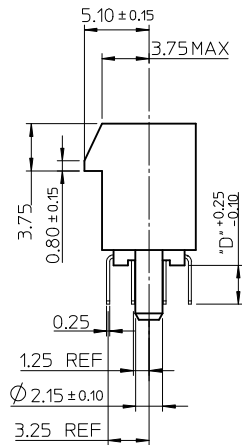
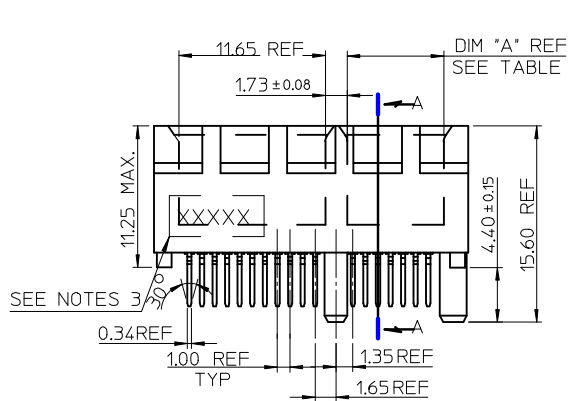
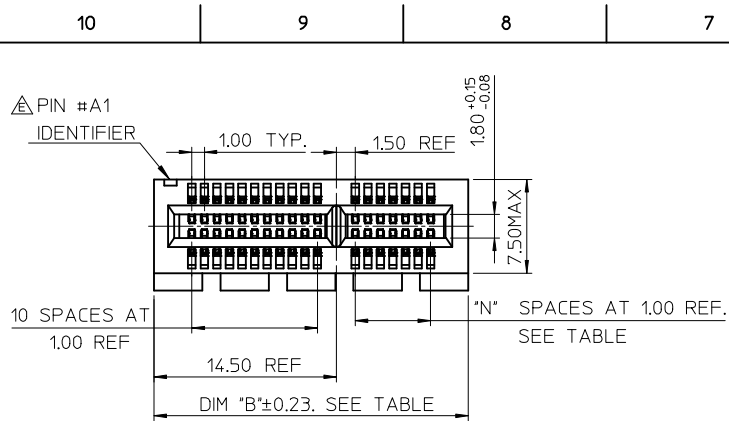




NOTES:

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.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'	DIM 'B'	DIM 'C'
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'
1.60	2.30
1.58	2.54
2.36	3.00

CORRECT P/N
EC NO: SH2009-0199
DRAWN: GWANG08 2008/10/13
CHKD: DMZHANG02 2008/10/17
APPR: HWANG 2008/11/03

QUALITY
SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR	± 3 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY

DRAWN BY	DATE
TOM	2004/07/20
CHECKED BY	DATE
ALLEN LIN	2004/07/20
APPROVED BY	DATE
WILSON	2004/07/20
MATERIAL NO.	

SCALE

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

PCI EXPRESS
EDGE CARD CONNECTOR
(LEAD FREE VERSION)



MOLEX INCORPORATED

DOCUMENT NO.

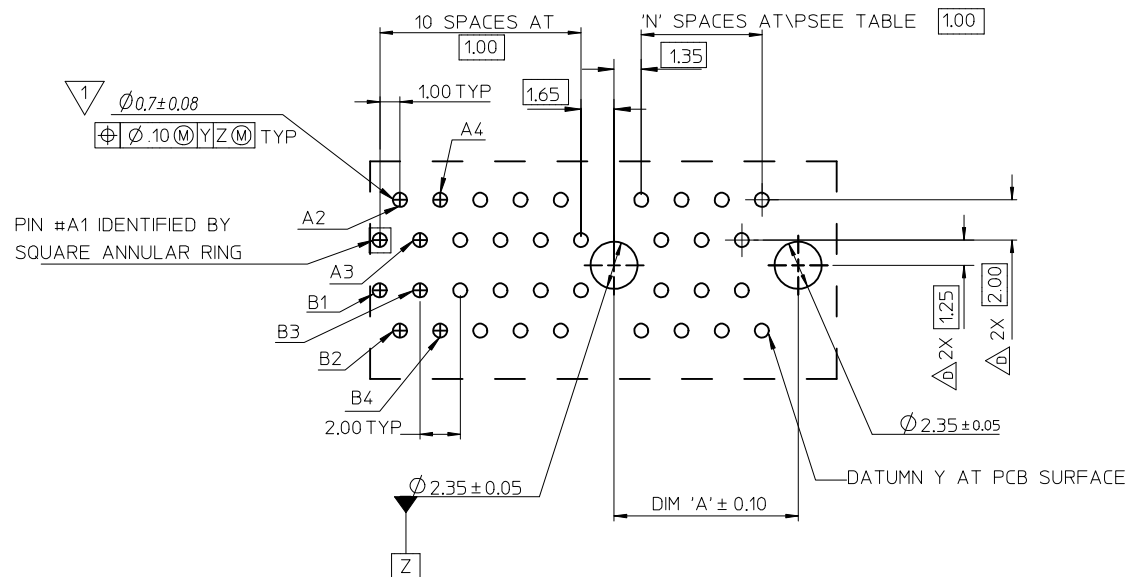
SD-87715-207

SHEET NO.

1 OF 11

SIZE
A3

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



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: SH2009-0199 2008/10/13
DRAWN: GWANG08 2008/10/17
CHKD: DMZHANG02 2008/11/03
APPR: HWANG 2008/11/03

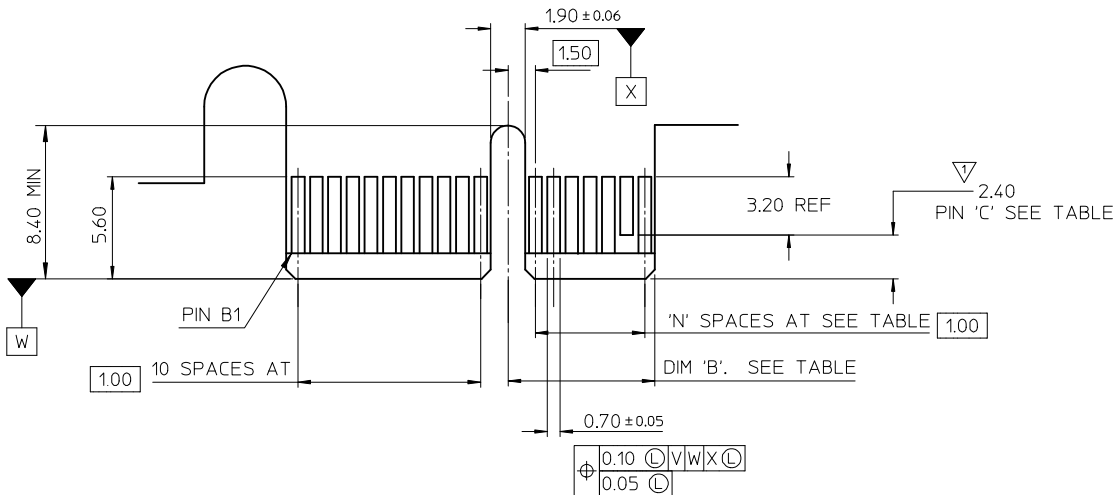
QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.25 ± ---
1 PLACE ± 0.25 ± ---
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY
DRAWN BY DATE
TOM 2004/07/20
CHECKED BY DATE
ALLEN LIN 2004/07/20
APPROVED BY DATE
WILSON 2004/07/20
MATERIAL NO.
SEE TABLE
SIZE A3

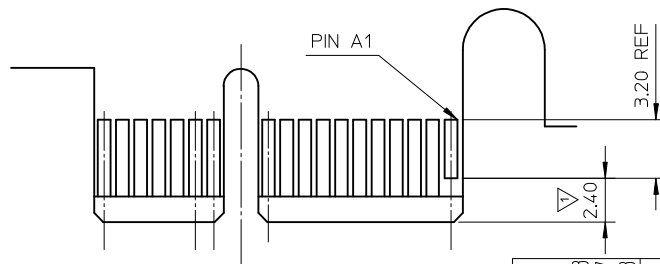
SCALE DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
PCI EXPRESS
EDGE CARD CONNECTOR
(LEAD FREE VERSION)
MOLEX INCORPORATED
DOCUMENT NO. SD-87715-207
SHEET NO. 2 OF 11
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

10 9 8 7 6 5 4 3 2 1



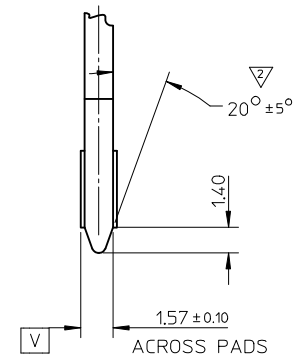
← I/O PANEL DIRECTION

PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →

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'
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

SEE SHEET 1 EC NO: SH2009-0199 DRAWN: GWANG08 CHKD: DMZHANG02 APPR: HWANG REV	DESCRIPTION	QUALITY SYMBOLS ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)		
			4 PLACES	± ---	± ---	TOM	2004/07/20			
			3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
			2 PLACES	± 0.25	± ---	ALLEN LIN	2004/07/20			
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-87715-207		
			ANGULAR ± 3 °		WILSON	2004/07/20				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SHEET NO. 3 OF 11			
					SEE TABLE					
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-6400	36	NYLON66	BLACK	BRASS	GOLD FLASH	2.54
87715-6401					10 MICROINCH	
87715-6402					15 MICROINCH	
87715-6403					GOLD FLASH	3.00
87715-6404					10 MICROINCH	
87715-6405					15 MICROINCH	
87715-6406					30 MICROINCH	2.54
87715-6407					GOLD FLASH	2.30
87715-6408	15 MICROINCH					
87715-6410	36	NYLON66	WHITE	BRASS	GOLD FLASH	
87715-6411					10 MICROINCH	
87715-6412					15 MICROINCH	
87715-6413					GOLD FLASH	3.00
87715-6414					10 MICROINCH	
87715-6415					15 MICROINCH	
87715-6416					30 MICROINCH	2.54
87715-6417					GOLD FLASH	2.30
87715-6418	15 MICROINCH					
87715-6420	36	NYLON66	BLUE (287U)	BRASS	GOLD FLASH	
87715-6421					10 MICROINCH	
87715-6422					15 MICROINCH	
87715-6423					GOLD FLASH	3.00
87715-6424					10 MICROINCH	
87715-6425					15 MICROINCH	
87715-6426					30 MICROINCH	2.54
87715-6427					GOLD FLASH	2.30
87715-6428	15 MICROINCH					
87715-6430	36	NYLON66	GREEN (348C)	BRASS	GOLD FLASH	
87715-6431					10 MICROINCH	
87715-6432					15 MICROINCH	
87715-6433					GOLD FLASH	3.00
87715-6434					10 MICROINCH	
87715-6435					15 MICROINCH	
87715-6436					30 MICROINCH	2.54
87715-6437					GOLD FLASH	2.30
87715-6438	15 MICROINCH					
87715-6440	36	NYLON66	PURPLE (2736U)	BRASS	GOLD FLASH	
87715-6441					10 MICROINCH	
87715-6442					15 MICROINCH	
87715-6444					GOLD FLASH	3.00
87715-6445					10 MICROINCH	
87715-6446					30 MICROINCH	
87715-6447					GOLD FLASH	2.30
87715-6448					15 MICROINCH	

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL "D" LENGTH
87715-6500	64	NYLON66	BLACK	BRASS	GOLD FLASH	2.54
87715-6501					10 MICROINCH	
87715-6502					15 MICROINCH	
87715-6503					GOLD FLASH	3.00
87715-6504					10 MICROINCH	
87715-6505					15 MICROINCH	
87715-6506					30 MICROINCH	2.54
87715-6507					GOLD FLASH	2.30
87715-6508	15 MICROINCH					
87715-6510	64	NYLON66	WHITE	BRASS	GOLD FLASH	2.54
87715-6511					10 MICROINCH	
87715-6512					15 MICROINCH	
87715-6513					GOLD FLASH	3.00
87715-6514					10 MICROINCH	
87715-6515					15 MICROINCH	
87715-6516					30 MICROINCH	2.54
87715-6517					GOLD FLASH	2.30
87715-6518	15 MICROINCH					
87715-6520	64	NYLON66	BLUE (287U)	BRASS	GOLD FLASH	2.54
87715-6521					10 MICROINCH	
87715-6522					15 MICROINCH	
87715-6523					GOLD FLASH	3.00
87715-6524					10 MICROINCH	
87715-6525					15 MICROINCH	
87715-6526					30 MICROINCH	2.54
87715-6527					GOLD FLASH	2.30
87715-6528	15 MICROINCH					
87715-6530	64	NYLON66	GREEN (348C)	BRASS	GOLD FLASH	2.54
87715-6531					10 MICROINCH	
87715-6532					15 MICROINCH	
87715-6533					GOLD FLASH	3.00
87715-6534					10 MICROINCH	
87715-6535					15 MICROINCH	
87715-6536					30 MICROINCH	2.54
87715-6537					GOLD FLASH	2.30
87715-6538	15 MICROINCH					
87715-6540	64	NYLON66	PURPLE (2736U)	BRASS	GOLD FLASH	2.54
87715-6541					10 MICROINCH	
87715-6542					15 MICROINCH	
87715-6543					GOLD FLASH	3.00
87715-6544					10 MICROINCH	
87715-6545					15 MICROINCH	
87715-6546					30 MICROINCH	2.54
87715-6547					GOLD FLASH	2.30
87715-6548	15 MICROINCH					

SEE SHEET 2008/10/17

EC NO: SH2009-0199

DRWN:GWANG08 2008/10/13

CH'KD:DMZHANG02 2008/10/17

APPR:HWWANG 2008/11/03

DESCRIPTION

QU	SYN

 = 0
 = 0

$$\nabla = 0$$
$$\nabla C = 0$$

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---

ANGLE AR + 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
TOM	2004/07/20
CHECKED BY	DATE
ALLEN LIN	2004/07/20
APPROVED BY	DATE
WILSON	2004/07/20

MATERIAL NO.	SEE TABLE
--------------	-----------

SIZE A	THIS DRAWING CONTAINS INCORPORATED AND
-----------	---

SCALE

DESIGN UNIT:
METRIC

2008/1

©  THIRD ANGLE
PROJECTION

PCI EXPRESS
EDGE CARD CONNECTOR
(LEAD FREE VERSION)

MOLEX INCORPORATED

DOCUMENT NO.
SD-87715-207

SHEET NO.
6 OF 11

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MICROINCH	87715-6606	98	NYLON66	WHITE	BRASS	30 MICROINCH	2.54	87715-6607	GOLD FLASH	2.30	87715-6608	15 MICROINCH	87715-6610	GOLD FLASH	87715-6611	10 MICROINCH	2.54	87715-6612	15 MICROINCH	87715-6613	98	NYLON66	BLUE (287U)	BRASS	GOLD FLASH	3.00	87715-6614	10 MICROINCH	87715-6615	15 MICROINCH	87715-6616	30 MICROINCH	2.54	87715-6617	GOLD FLASH	2.30	87715-6618	15 MICROINCH	87715-6620	98	NYLON66	GREEN (348C)	BRASS	GOLD FLASH	2.54	87715-6621	10 MICROINCH	87715-6622	15 MICROINCH	87715-6623	GOLD FLASH	87715-6624	10 MICROINCH	3.00	87715-6625	15 MICROINCH	87715-6626	98	NYLON66	PURPLE (2736U)	BRASS	30 MICROINCH	2.54	87715-6627	GOLD FLASH	2.30	87715-6628	15 MICROINCH	87715-6630	GOLD FLASH	87715-6631	10 MICROINCH	2.54	87715-6632	15 MICROINCH	87715-6633	98	NYLON66	GREEN (348C)	BRASS	GOLD FLASH	3.00	87715-6634	10 MICROINCH	87715-6635	15 MICROINCH	87715-6636	30 MICROINCH	2.54	87715-6637	GOLD FLASH	2.30	87715-6638	15 MICROINCH	87715-6640	98	NYLON66	PURPLE (2736U)	BRASS	GOLD FLASH	2.54	87715-6641	10 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MICROINCH	3.00	87715-6705	15 MICROINCH	87715-6706	164	NYLON66	WHITE	BRASS	30 MICROINCH	2.54	87715-6707	GOLD FLASH	2.30	87715-6708	15 MICROINCH	87715-6710	GOLD FLASH	87715-6711	10 MICROINCH	2.54	87715-6712	15 MICROINCH	87715-6713	164	NYLON66	BLUE (287U)	BRASS	GOLD FLASH	3.00	87715-6714	10 MICROINCH	87715-6715	15 MICROINCH	87715-6716	30 MICROINCH	2.54	87715-6717	GOLD FLASH	2.30	87715-6718	15 MICROINCH	87715-6720	164	NYLON66	GREEN (348C)	BRASS	GOLD FLASH	2.54	87715-6721	10 MICROINCH	87715-6722	15 MICROINCH	87715-6723	GOLD FLASH	87715-6724	10 MICROINCH	3.00	87715-6725	15 MICROINCH	87715-6726	164	NYLON66	PURPLE (2736U)	BRASS	30 MICROINCH	2.54	87715-6727	GOLD FLASH	2.30	87715-6728	15 MICROINCH	87715-6730	GOLD FLASH	87715-6731	10 MICROINCH	2.54	87715-6732	15 MICROINCH	87715-6733	164	NYLON66	PURPLE (2736U)	BRASS	GOLD FLASH	3.00	87715-6734	10 MICROINCH	87715-6735	15 MICROINCH	87715-6736	30 MICROINCH	2.54	87715-6737	GOLD FLASH	2.30	87715-6738	15 MICROINCH	87715-6740	164	NYLON66	PURPLE (2736U)	BRASS	GOLD FLASH	2.54	87715-6741	10 MICROINCH	87715-6742	15 MICROINCH	87715-6743	GOLD FLASH	87715-6744	10 MICROINCH	3.00	87715-6745	15 MICROINCH	87715-6746	164	NYLON66	PURPLE (2736U)	BRASS	30 MICROINCH	2.54	87715-6747	GOLD FLASH	2.30	87715-6748	15 MICROINCH	
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87715-6740	164	NYLON66	PURPLE (2736U)	BRASS	GOLD FLASH	2.54																																																																																																																																																										
87715-6741					10 MICROINCH																																																																																																																																																											
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87715-6745					15 MICROINCH																																																																																																																																																											
87715-6746	164	NYLON66	PURPLE (2736U)	BRASS	30 MICROINCH	2.54																																																																																																																																																										
87715-6747					GOLD FLASH	2.30																																																																																																																																																										
87715-6748					15 MICROINCH																																																																																																																																																											
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A	SEE SHEET 2008/10/17 EC NO: SH2009-0199 DRAWN: GWANG08 2008/10/13 CHKD: DMZHANG02 2008/10/17 APPR: HWWANG 2008/11/03 QUALITY SYMBOLS ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE TOM 2004/07/20 CHECKED BY DATE ALLEN LIN 2004/07/20 APPROVED BY DATE WILSON 2004/07/20 MATERIAL NO. SEE TABLE SIZE A3 SCALE DESIGN UNITS METRIC THIRD ANGLE PROJECTION PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION) MOLEX INCORPORATED DOCUMENT NO. SD-87715-207 SHEET NO. 7 OF 11 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																																																																															
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Rev. D 2004/06/28

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C											C
B											B
A											A

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-9400	36	NYLON46	BLACK	BRASS	GOLD FLASH	2.54
87715-9401					10 MICROINCH	
87715-9402					15 MICROINCH	
87715-9403					GOLD FLASH	3.00
87715-9404					10 MICROINCH	
87715-9405					15 MICROINCH	
87715-9406	36	NYLON46	WHITE	BRASS	30 MICROINCH	2.54
87715-9407					GOLD FLASH	2.30
87715-9408					15 MICROINCH	
87715-9410					GOLD FLASH	2.54
87715-9411					10 MICROINCH	
87715-9412					15 MICROINCH	
87715-9413	36	NYLON46	WHITE	BRASS	GOLD FLASH	3.00
87715-9414					10 MICROINCH	
87715-9415					15 MICROINCH	
87715-9416					30 MICROINCH	2.54
87715-9417					GOLD FLASH	2.30
87715-9418					15 MICROINCH	
87715-9420	36	NYLON46	BLUE (287U)	BRASS	GOLD FLASH	2.54
87715-9421					10 MICROINCH	
87715-9422					15 MICROINCH	
87715-9423					GOLD FLASH	3.00
87715-9424					10 MICROINCH	
87715-9425					15 MICROINCH	
87715-9426	36	NYLON46	GREEN (348C)	BRASS	30 MICROINCH	2.54
87715-9427					GOLD FLASH	2.30
87715-9428					15 MICROINCH	
87715-9430					GOLD FLASH	2.54
87715-9431					10 MICROINCH	
87715-9432					15 MICROINCH	
87715-9433	36	NYLON46	GREEN (348C)	BRASS	GOLD FLASH	3.00
87715-9434					10 MICROINCH	
87715-9435					15 MICROINCH	
87715-9436					30 MICROINCH	2.54
87715-9437					GOLD FLASH	2.30
87715-9438					15 MICROINCH	
87715-9440	36	NYLON46	PURPLE (2736U)	BRASS	GOLD FLASH	2.54
87715-9441					10 MICROINCH	
87715-9442					15 MICROINCH	
87715-9443					GOLD FLASH	3.00
87715-9444					10 MICROINCH	
87715-9445					15 MICROINCH	
87715-9446					30 MICROINCH	2.54
87715-9447					GOLD FLASH	2.30
87715-9448	15 MICROINCH					

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH
87715-9500	64	NYLON46	BLACK	BRASS	GOLD FLASH	2.54
87715-9501					10 MICROINCH	
87715-9502					15 MICROINCH	
87715-9503					GOLD FLASH	3.00
87715-9504					10 MICROINCH	
87715-9505					15 MICROINCH	
87715-9506	64	NYLON46	BLACK	BRASS	30 MICROINCH	2.54
87715-9507					GOLD FLASH	2.30
87715-9508					15 MICROINCH	
87715-9510					GOLD FLASH	2.54
87715-9511					10 MICROINCH	
87715-9512					15 MICROINCH	
87715-9513	64	NYLON46	WHITE	BRASS	GOLD FLASH	3.00
87715-9514					10 MICROINCH	
87715-9515					15 MICROINCH	
87715-9516					30 MICROINCH	2.54
87715-9517					GOLD FLASH	2.30
87715-9518					15 MICROINCH	
87715-9520	64	NYLON46	BLUE (287U)	BRASS	GOLD FLASH	2.54
87715-9521					10 MICROINCH	
87715-9522					15 MICROINCH	
87715-9523					GOLD FLASH	3.00
87715-9524					10 MICROINCH	
87715-9525					15 MICROINCH	
87715-9526	64	NYLON46	GREEN (348C)	BRASS	30 MICROINCH	2.54
87715-9527					GOLD FLASH	2.30
87715-9528					15 MICROINCH	
87715-9530					GOLD FLASH	2.54
87715-9531					10 MICROINCH	
87715-9532					15 MICROINCH	
87715-9533	64	NYLON46	GREEN (348C)	BRASS	GOLD FLASH	3.00
87715-9534					10 MICROINCH	
87715-9535					15 MICROINCH	
87715-9536					30 MICROINCH	2.54
87715-9537					GOLD FLASH	2.30
87715-9538					15 MICROINCH	
87715-9540	64	NYLON46	PURPLE (2736U)	BRASS	GOLD FLASH	2.54
87715-9541					10 MICROINCH	
87715-9542					15 MICROINCH	
87715-9543					GOLD FLASH	3.00
87715-9544					10 MICROINCH	
87715-9545					15 MICROINCH	
87715-9546					30 MICROINCH	2.54
87715-9547					GOLD FLASH	2.30
87715-9548					15 MICROINCH	

SEE SHEET 1

2008/10/17

EC NO: SH2009-0199

2008/10/13

DRWN:GWANG08

2008/10/17

CHKD:DMZHANG02

2008/10/17

APPR:HWANG

2008/11/03

QUALITY SYMBOLS

▽=0

▽=0

DESCRIPTION

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE
TOM	2004/07/20
CHECKED BY	DATE
ALLEN LIN	2004/07/20
APPROVED BY	DATE
WILSON	2004/07/20
MATERIAL NO.	
SEE TABLE	
SIZE	A3

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

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

PCI EXPRESS

EDGE CARD CONNECTOR

(LEAD FREE VERSION)

MOLEX INCORPORATED

DOCUMENT NO.

SD-87715-207

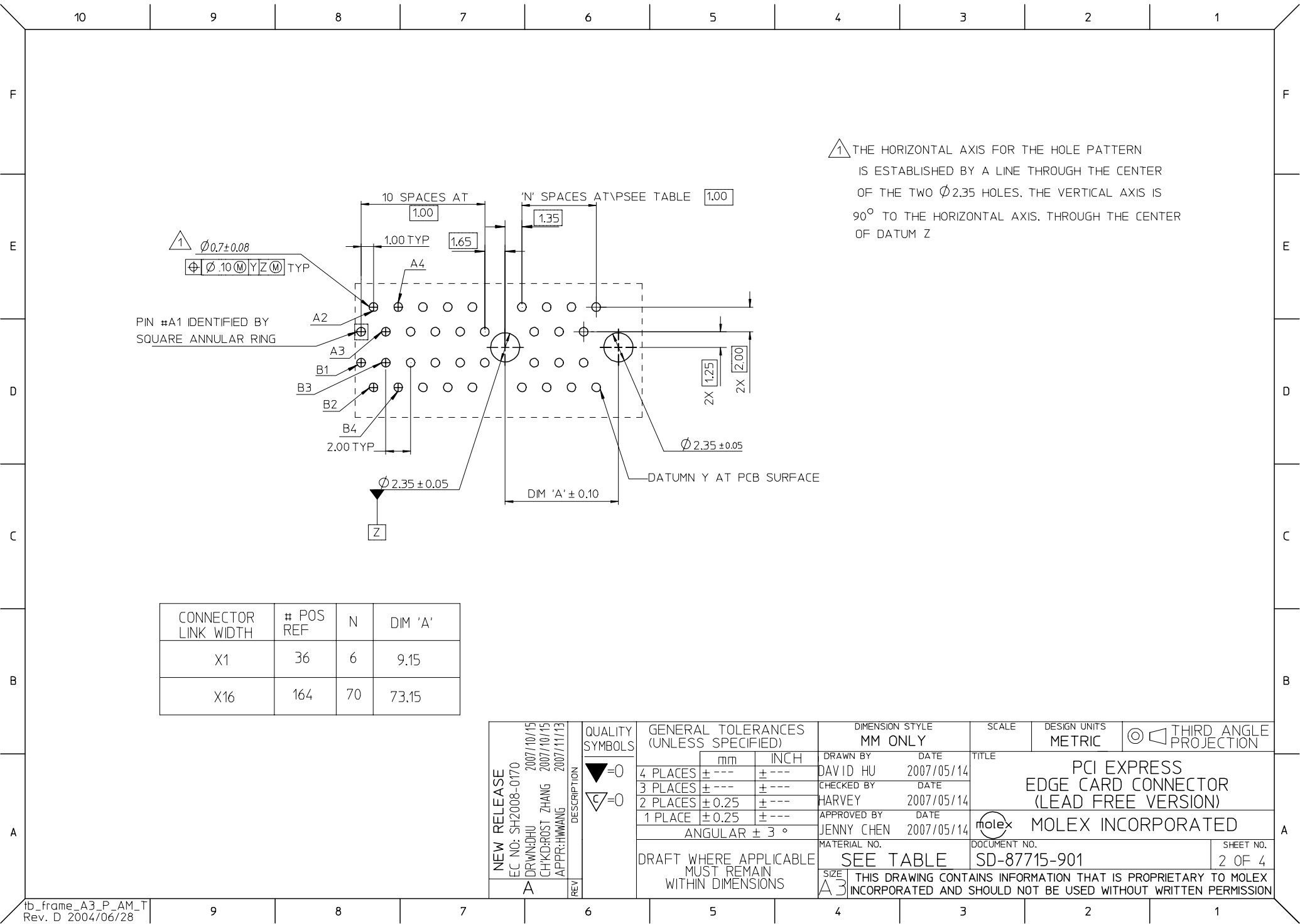
SHEET NO.

10 OF 11

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Rev. D 2004/06/28

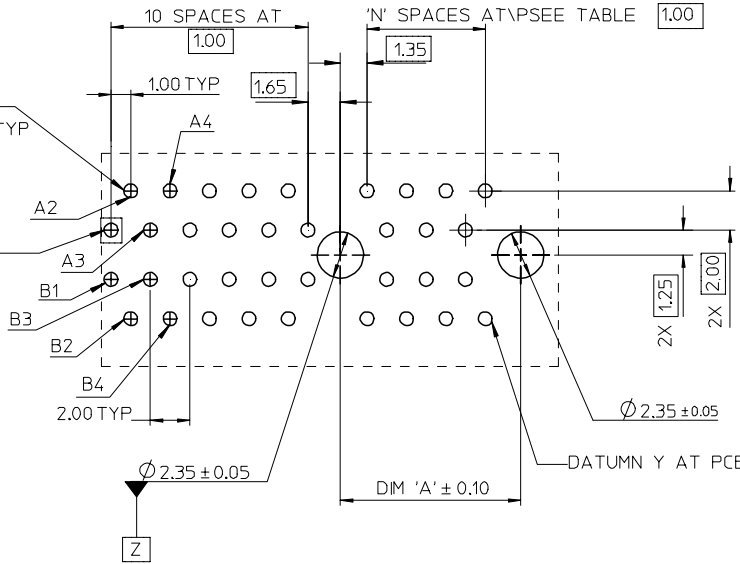
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<table><tr><td colspan="2">MOLEX P/N</td><td>CIRCUIT SIZE</td><td>HOUSING MATERIAL</td><td>HOUSING COLOR</td><td>TERMINAL MATERIAL</td><td>CONTACT PLATING</td><td>SOLDER TAIL 'D' LENGTH</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9600</td><td rowspan="6">98</td><td rowspan="6">NYLON46</td><td rowspan="6">BLACK</td><td rowspan="6">BRASS</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9601</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9602</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9603</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9604</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9605</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9606</td><td rowspan="6">98</td><td rowspan="6">NYLON46</td><td rowspan="6">WHITE</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9607</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9608</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9610</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9611</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9612</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9613</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9614</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9615</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9616</td><td rowspan="6">98</td><td rowspan="6">NYLON46</td><td rowspan="6">BLUE (287U)</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9617</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9618</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9620</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9621</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9622</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9623</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9624</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9625</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9626</td><td rowspan="6">98</td><td rowspan="6">NYLON46</td><td rowspan="6">GREEN (348C)</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9627</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9628</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9630</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9631</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9632</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9633</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9634</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9635</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9636</td><td rowspan="6">98</td><td rowspan="6">NYLON46</td><td rowspan="6">PURPLE (2736U)</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9637</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9638</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9640</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9641</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9642</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9643</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9644</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9645</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9646</td><td rowspan="3">98</td><td rowspan="3">NYLON46</td><td rowspan="3">PURPLE (2736U)</td><td rowspan="3">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9647</td><td>GOLD FLASH</td><td rowspan="2">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9648</td><td>15 MICROINCH</td><td></td><td></td></tr></table> <table><tr><td colspan="2">MOLEX P/N</td><td>CIRCUIT SIZE</td><td>HOUSING MATERIAL</td><td>HOUSING COLOR</td><td>TERMINAL MATERIAL</td><td>CONTACT PLATING</td><td>SOLDER TAIL 'D' LENGTH</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9700</td><td rowspan="6">164</td><td rowspan="6">NYLON46</td><td rowspan="6">BLACK</td><td rowspan="6">BRASS</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9701</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9702</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9703</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9704</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9705</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9706</td><td rowspan="6">164</td><td rowspan="6">NYLON46</td><td rowspan="6">WHITE</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9707</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9708</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9710</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9711</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9712</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9713</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9714</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9715</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9716</td><td rowspan="6">164</td><td rowspan="6">NYLON46</td><td rowspan="6">BLUE (287U)</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9717</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9718</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9720</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9721</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9722</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9723</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9724</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9725</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9726</td><td rowspan="6">164</td><td rowspan="6">NYLON46</td><td rowspan="6">GREEN (348C)</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9727</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9728</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9730</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9731</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9732</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9733</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9734</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9735</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9736</td><td rowspan="6">164</td><td rowspan="6">NYLON46</td><td rowspan="6">PURPLE (2736U)</td><td rowspan="6">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9737</td><td>GOLD FLASH</td><td rowspan="3">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9738</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9740</td><td>GOLD FLASH</td><td rowspan="6">2.54</td><td></td><td></td></tr><tr><td colspan="2">87715-9741</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9742</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9743</td><td>GOLD FLASH</td><td rowspan="3">3.00</td><td></td><td></td></tr><tr><td colspan="2">87715-9744</td><td>10 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9745</td><td>15 MICROINCH</td><td></td><td></td></tr><tr><td colspan="2">87715-9746</td><td rowspan="3">164</td><td rowspan="3">NYLON46</td><td rowspan="3">PURPLE (2736U)</td><td rowspan="3">BRASS</td><td>30 MICROINCH</td><td>2.54</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">87715-9747</td><td>GOLD FLASH</td><td rowspan="2">2.30</td><td></td><td></td></tr><tr><td colspan="2">87715-9748</td><td>15 MICROINCH</td><td></td><td></td></tr></table>												MOLEX P/N		CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH					87715-9600		98	NYLON46	BLACK	BRASS	GOLD FLASH	2.54					87715-9601		10 MICROINCH			87715-9602		15 MICROINCH			87715-9603		GOLD FLASH	3.00			87715-9604		10 MICROINCH			87715-9605		15 MICROINCH			87715-9606		98	NYLON46	WHITE	BRASS	30 MICROINCH	2.54					87715-9607		GOLD FLASH	2.30			87715-9608		15 MICROINCH			87715-9610		GOLD FLASH	2.54			87715-9611		10 MICROINCH			87715-9612		15 MICROINCH			87715-9613		GOLD FLASH	3.00			87715-9614		10 MICROINCH			87715-9615		15 MICROINCH			87715-9616		98	NYLON46	BLUE (287U)	BRASS	30 MICROINCH	2.54					87715-9617		GOLD FLASH	2.30			87715-9618		15 MICROINCH			87715-9620		GOLD FLASH	2.54			87715-9621		10 MICROINCH			87715-9622		15 MICROINCH			87715-9623		GOLD FLASH	3.00			87715-9624		10 MICROINCH			87715-9625		15 MICROINCH			87715-9626		98	NYLON46	GREEN (348C)	BRASS	30 MICROINCH	2.54					87715-9627		GOLD FLASH	2.30			87715-9628		15 MICROINCH			87715-9630		GOLD FLASH	2.54			87715-9631		10 MICROINCH			87715-9632		15 MICROINCH			87715-9633		GOLD FLASH	3.00			87715-9634		10 MICROINCH			87715-9635		15 MICROINCH			87715-9636		98	NYLON46	PURPLE (2736U)	BRASS	30 MICROINCH	2.54					87715-9637		GOLD FLASH	2.30			87715-9638		15 MICROINCH			87715-9640		GOLD FLASH	2.54			87715-9641		10 MICROINCH			87715-9642		15 MICROINCH			87715-9643		GOLD FLASH	3.00			87715-9644		10 MICROINCH			87715-9645		15 MICROINCH			87715-9646		98	NYLON46	PURPLE (2736U)	BRASS	30 MICROINCH	2.54					87715-9647		GOLD FLASH	2.30			87715-9648		15 MICROINCH			MOLEX P/N		CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH					87715-9700		164	NYLON46	BLACK	BRASS	GOLD FLASH	2.54					87715-9701		10 MICROINCH			87715-9702		15 MICROINCH			87715-9703		GOLD FLASH	3.00			87715-9704		10 MICROINCH			87715-9705		15 MICROINCH			87715-9706		164	NYLON46	WHITE	BRASS	30 MICROINCH	2.54					87715-9707		GOLD FLASH	2.30			87715-9708		15 MICROINCH			87715-9710		GOLD FLASH	2.54			87715-9711		10 MICROINCH			87715-9712		15 MICROINCH			87715-9713		GOLD FLASH	3.00			87715-9714		10 MICROINCH			87715-9715		15 MICROINCH			87715-9716		164	NYLON46	BLUE (287U)	BRASS	30 MICROINCH	2.54					87715-9717		GOLD FLASH	2.30			87715-9718		15 MICROINCH			87715-9720		GOLD FLASH	2.54			87715-9721		10 MICROINCH			87715-9722		15 MICROINCH			87715-9723		GOLD FLASH	3.00			87715-9724		10 MICROINCH			87715-9725		15 MICROINCH			87715-9726		164	NYLON46	GREEN (348C)	BRASS	30 MICROINCH	2.54					87715-9727		GOLD FLASH	2.30			87715-9728		15 MICROINCH			87715-9730		GOLD FLASH	2.54			87715-9731		10 MICROINCH			87715-9732		15 MICROINCH			87715-9733		GOLD FLASH	3.00			87715-9734		10 MICROINCH			87715-9735		15 MICROINCH			87715-9736		164	NYLON46	PURPLE (2736U)	BRASS	30 MICROINCH	2.54					87715-9737		GOLD FLASH	2.30			87715-9738		15 MICROINCH			87715-9740		GOLD FLASH	2.54			87715-9741		10 MICROINCH			87715-9742		15 MICROINCH			87715-9743		GOLD FLASH	3.00			87715-9744		10 MICROINCH			87715-9745		15 MICROINCH			87715-9746		164	NYLON46	PURPLE (2736U)	BRASS	30 MICROINCH	2.54					87715-9747		GOLD FLASH	2.30			87715-9748		15 MICROINCH		
MOLEX P/N		CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL 'D' LENGTH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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PIN #A1 IDENTIFIED BY
SQUARE ANNULAR RING

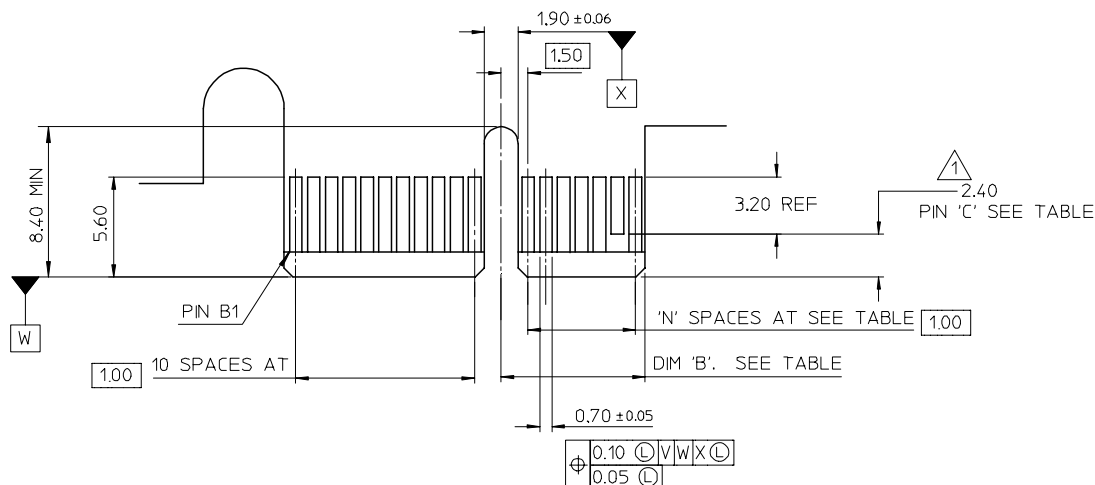
1 $\varnothing 0.7 \pm 0.08$
 $\varnothing 0.10 \text{ (M)} \text{ Y Z (M)} \text{ TYP}$



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

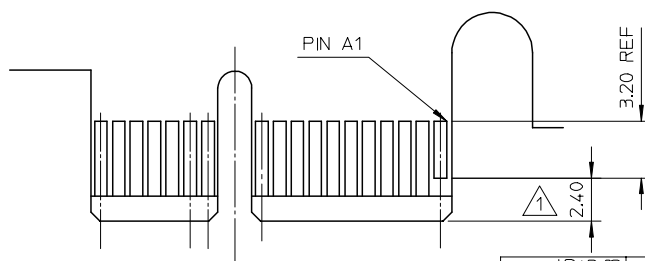
CONNECTOR LINK WIDTH	# POS REF	N	DIM 'A'
X1	36	6	9.15
X16	164	70	73.15

NEW RELEASE EC NO: SH2008-0170 2007/10/15 DRWN:DHU CHKD:ROST ZHANG 2007/10/15 APPR:HWANG 2007/11/13	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		 		mm	INCH	DRAWN BY	DATE	TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)				
			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	molex MOLEX INCORPORATED					
		ANGULAR ± 3 °			JENNY CHEN	2007/05/14						
A	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
				SEE TABLE		SD-87715-901		2 OF 4				
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

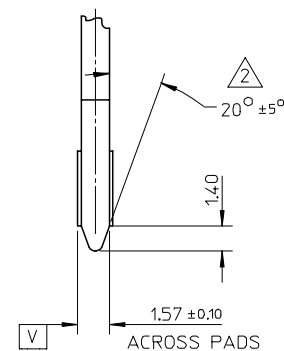


← I/O PANEL DIRECTION

PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →
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

NEW RELEASE EC NO: SH2008-0170 DRWN:DHU 2007/10/15 CHKD:ROST ZHANG 2007/10/15 APPR:HWANG 2007/11/13	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		 =0  =0		mm	INCH	DRAWN BY DAVID HU	DATE 2007/05/14	TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)  MOLEX INCORPORATED	SHEET NO. 3 OF 4	
			4 PLACES	± ---	± ---	CHECKED BY HARVEY	DATE 2007/05/14			
			3 PLACES	± ---	± ---	APPROVED BY JENNY CHEN	DATE 2007/05/14			
			2 PLACES	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.			
			1 PLACE	± 0.25	± ---	SEE TABLE				
		ANGULAR ± 3 °			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD-87715-901			
REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

