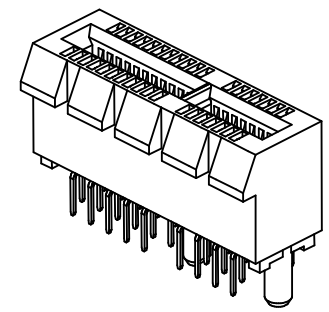
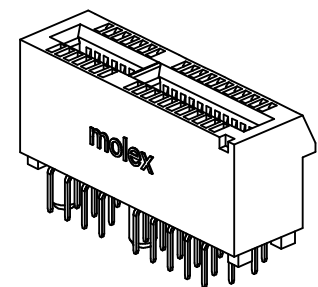
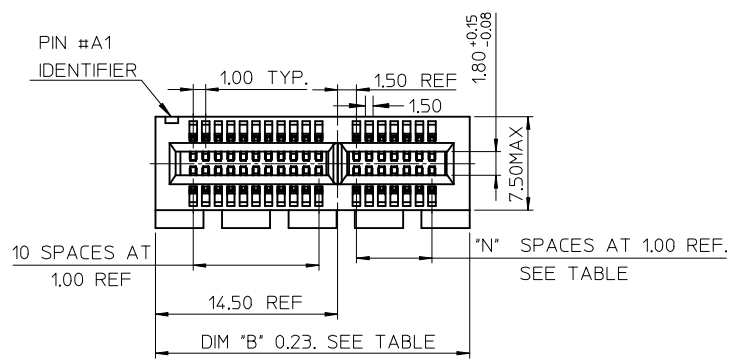
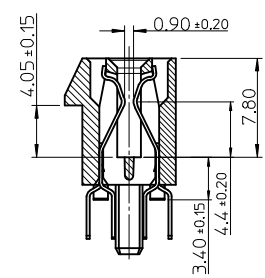
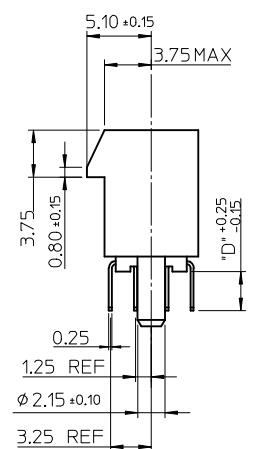
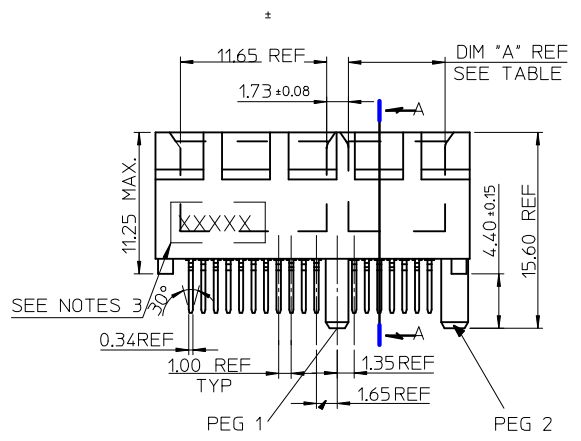




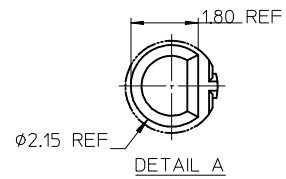
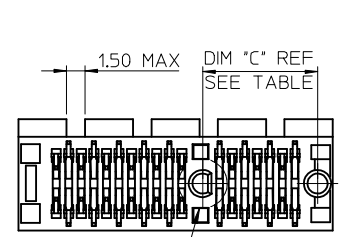
- NOTES:
- 1.MATERIALS:
- 1-1.HOUSING: SEE TABLE ,GLASS FIBER FILLED UL94V-0, COLOR: SEE TABLE.
- 1-2.CONTACT: SEE TABLE
- 2.PLATING:
- 2-1.CONTACT AREA: GOLD, THICKNESS : SEE TABLE .
- 2-2.SOLDER TAIL: 100 MICRONCH MIN. TIN PLATING.
- 2-3.UNDER PLATING: NICKEL PLATING OVERALL.
- 3.DATE CODE: YY MM DD.
- 4.PRODUCT SPECIFICATION REFER TO PS-87715-200.
- 5.TEST SUMMARY:REFER TO TS-87715-207.



SECTION A-A

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

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



ADDED OPTION EC NO: 2013/03/25 DRAWN: RL109 CHKD: APPR: RZHANG REV	QUALITY SYMBOLS F _A =0 F _B =0 F _C =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
DRAWN BY: DAVID HU CHECKED BY: HARVEY APPROVED BY: JENNY CHEN MATERIAL NO.		DATE: 2007/05/14 DATE: 2007/05/14 DATE: 2007/05/14		TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)		DOCUMENT NO. SD-87715-901		SHEET NO. 1 OF 6		
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

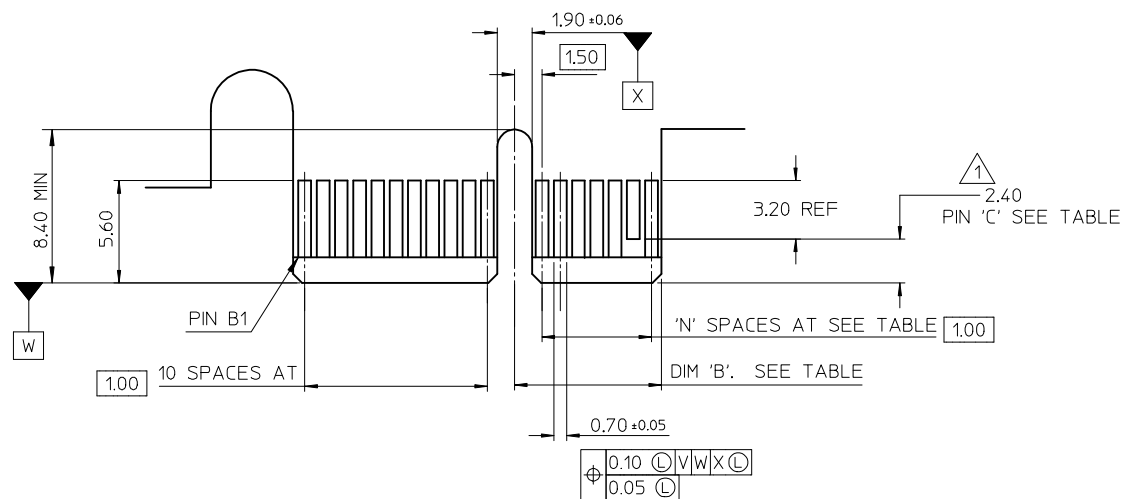
E

D

C

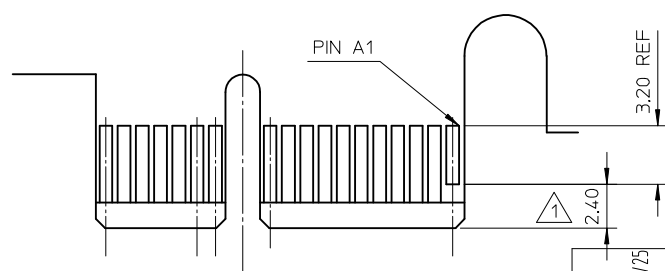
B

A



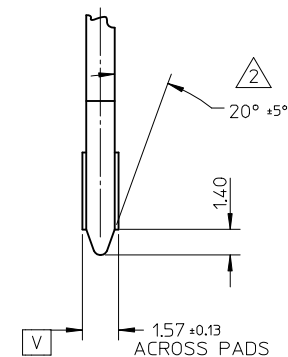
I/O PANEL DIRECTION ←

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

ADDED OPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: SH2013-0300		F ₁ =0		mm		MM ONLY		DATE		METRIC		DATE	
DRW:RL 109		F ₂ =0		INCH		DRAWN BY		DATE		DATE		DATE	
CHKD: CHKD:		F ₃ =0		4 PLACES		DAVID HU		2007/05/14		DATE		DATE	
APPR:RZHANG		F ₄ =0		3 PLACES		CHECKED BY		DATE		DATE		DATE	
REV		F ₅ =0		2 PLACES		HARVEY		2007/05/14		DATE		DATE	
				1 PLACE		APPROVED BY		DATE		DATE		DATE	
				0 PLACE		JENNY CHEN		2007/05/14		DATE		DATE	
						MATERIAL NO.		DOCUMENT NO.		SHEET NO.		SHEET NO.	
						SEE TABLE		SD-87715-901		3 OF 6		3 OF 6	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PCI EXPRESS
EDGE CARD CONNECTOR
(LEAD FREE VERSION)

molex

SD-87715-901

3 OF 6

F

F

E

E

D

D

C

C

B

B

A

A

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL "D" LENGTH	PEG 1	PEG 2	DESCRIPTION	PACKING
87715-9000	36	NYLON46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	2.54	WITH	WITH	TOOLED	TRAY
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	PACKING
87715-9300	164	NYLON46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	2.54	WITH	WITH	TOOLED	TRAY
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				

ADDED OPTION

EC NO: SH2013-0300

DRW:RL 109

CHKD:

APPR:RZHANG

REV

2013/03/25

2013/08/19

DESCRIPTION

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	$\pm$ ---
0 PLACE	$\pm$	$\pm$

ANGULAR $\pm 3^\circ$

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 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

TITLE

PCI EXPRESS
EDGE CARD CONNECTOR
(LEAD FREE VERSION)

DOCUMENT NO.

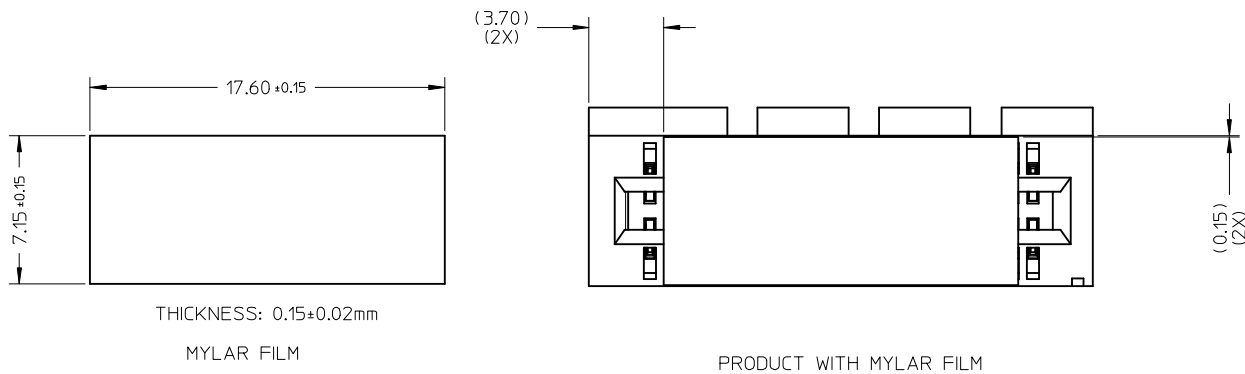
SD-87715-901

SHEET NO.

4 OF 6

THIS SHEET IS ONLY FOR 87715-0006

MOLEX PN	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL "D" LENGTH	PEG 1	PEG 2	DESCRIPTION	MYLAR FILM	PACKAING
87715-0006	36	NYLON 46	BLACK	PHOSPHOR BRONZE	30 MICROINCH	2.54	WITH	WITH	TOOLED	WITH	TAPE & REEL PK-87715-006



ADDED OPTION EC NO: SH2013-0300 TDRWN:RL109 2013/03/25 CHKD: APPR:RZHANG 2013/08/19	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	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			
			2 PLACES	± 0.25	± ---							
			1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.	SD-87715-901		SHEET NO. 5 OF 6	
			0 PLACE	±	±							
			ANGULAR ± 3 °			SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

F

THIS SHEET IS ONLY FOR 87715-0016

F

E

E

D

D

C

C

B

B

A

A

MOLEX PN	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL "D" LENGTH	PEG 1	PEG 2	DESCRIPTION	PACKAING
87715-0016	36	NYLON 46	BLACK	PHOSPHOR BRONZE	30 MICROINCH	2.54	WITH	WITH	TOOLED	TAPE & REEL PK-87715-016

ADDED OPTION EC NO: SH2013-0436 2013/03/25 TDRWNRL09 CHKD: APPR:	DESCRIPTION REV	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY DAVID HU	DATE 2007/05/14	PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION) molex DOCUMENT NO. SD-87715-901 SHEET NO. 5 OF 6				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	HARVEY	2007/05/14					
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE					
			1 PLACE	± 0.25	± ---	JENNY CHEN	2007/05/14					
			0 PLACE	±	±	MATERIAL NO.						
			ANGULAR ± 3 °			SEE TABLE						
			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					

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[87715-9209](#)