

10 9 8 7 6 5 4 3 2 1

F

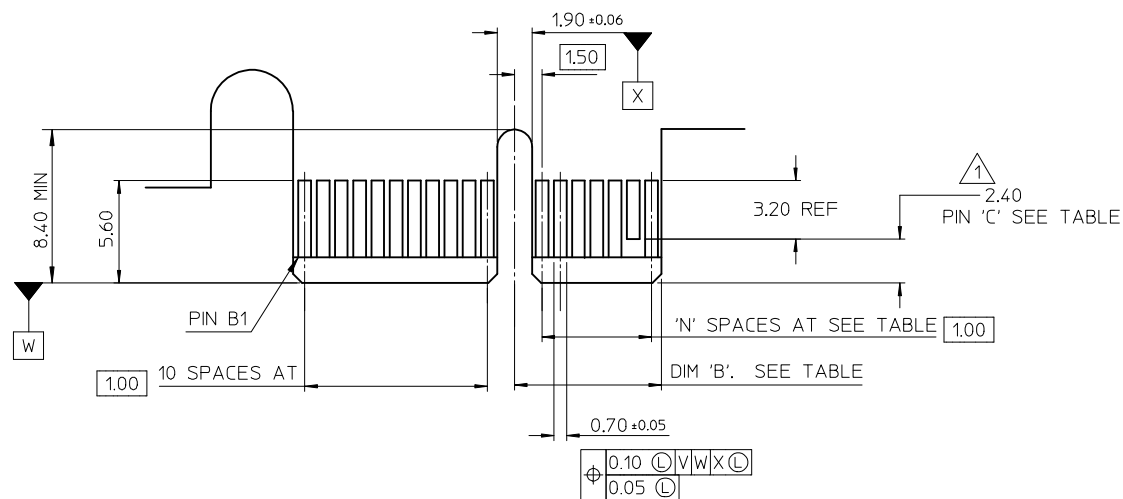
E

D

C

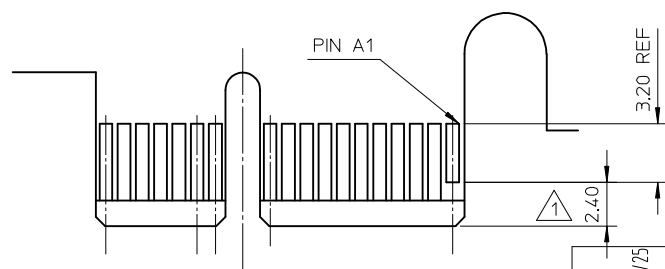
B

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		REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: SH2013-0300		2013/03/25		2013/08/19		F ₁ =0		mm		MM ONLY		DRAWN BY		DATE		TITLE	
DRW:RL 109		2013/03/25		2013/08/19		F ₂ =0		4 PLACES ± --- ± ---		DAVID HU		2007/05/14		PCI EXPRESS		EDGE CARD CONNECTOR	
CHKD:		2013/03/25		2013/08/19		F ₃ =0		3 PLACES ± --- ± ---		CHECKED BY		DATE		(LEAD FREE VERSION)		molex	
APPR:RZHANG		2013/03/25		2013/08/19		F ₄ =0		2 PLACES ± 0.25 ± ---		HARVEY		2007/05/14					
								1 PLACE ± 0.25 ± ---		APPROVED BY		DATE					
								0 PLACE ± ±		JENNY CHEN		2007/05/14					
								ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
								DRAFT WHERE APPLICABLE		SEE TABLE		SD-87715-901				3 OF 6	
								MUST REMAIN WITHIN DIMENSIONS		SIZE							
										A3							
												</					

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

10

9

8

7

6

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4

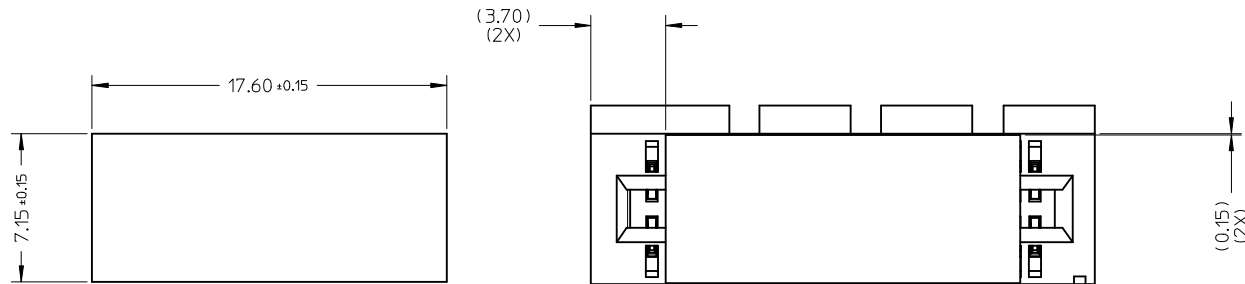
3

2

1

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



THICKNESS: 0.15±0.02mm

MYLAR FILM

PRODUCT WITH MYLAR FILM

ADDED OPTION EC NO: SH2013-0300 TDRWN:RL109 2013/03/25 CHKD: APPR:RZHANG 2013/08/19	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		FA=0 FG=0 FP=0	4 PLACES	± ---	± ---	DRAWN BY DAVID HU	DATE 2007/05/14	TITLE PCI EXPRESS EDGE CARD CONNECTOR (LEAD FREE VERSION)				
			3 PLACES	± ---	± ---	CHECKED BY HARVEY	DATE 2007/05/14					
			2 PLACES	± 0.25	± ---	APPROVED BY JENNY CHEN	DATE 2007/05/14					
			1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			0 PLACE	±	±							
			ANGULAR ± 3 °		SEE TABLE		SD-87715-901		5 OF 6			
		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						

9

8

7

6

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4

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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 °						
						DRAFT WHERE APPLICABLE		SEE TABLE				
						MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			