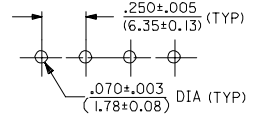


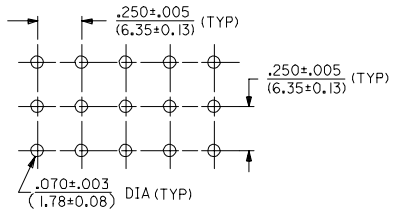
SEE CHARTS FOR "A" DIMENSION

P.C. BOARD MOUNTING DIMENSIONS

2, 3, & 4 POSITION HEADER ASSEMBLIES



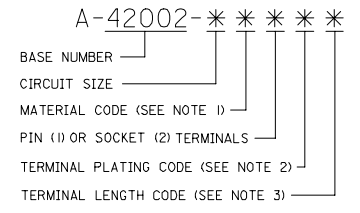
6, 9, 12 & 15 POSITION HEADER ASSEMBLIES



NOTES:

- 1) MATERIAL CODES:  
 \*A\*= NYLON 6/6, 94V-2, NATURAL  
 \*B\*= POLYESTER, 94V-0, BRICK RED  
 \*C\*= POLYESTER, 94V-0, WHITE/NATURAL
- 2) PLATING CODES:  
 A = TIN 140m.I (3.50 MICRONS) TO 240m.I ( 6.00 MICRONS).  
 \*B\* = 30 m.I./(.076 MICRONS) MINIMUM SELECT GOLD, AND  
 100 m.I./ (2.54 MICRONS) MINIMUM SELECT TIN.  
 50 m.I./ (1.27 MICRONS) MINIMUM NICKEL OVERALL.
- 3) TERMINAL LENGTH CODES:  
 1= TERMINAL FOR .062/(1.57) THICK PC BOARD  
 2= TERMINAL FOR .125/(3.18) THICK PC BOARD
- 4) DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.
- 5) HEADER ASSEMBLY HOUSINGS MATE WITH :  
 - PLUG HOUSINGS, .084/(2.13) DIA. SERIES: (42021-\*\*)
- 6) CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING.

LEGEND:



<b>ENTER DESCRIPTION</b> EC NO: 12005-0180 DRWING: SSUDHIR 2006/01/20 CHKD: GJLOWE 2006/01/20 APPR: KKRASAD 2006/01/23 REV:	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>3 PLACES</td> <td>±.004</td> <td>±.0004</td> </tr> <tr> <td>2 PLACES</td> <td>±.003</td> <td>±.0003</td> </tr> <tr> <td>1 PLACE</td> <td>±.002</td> <td>±.0002</td> </tr> <tr> <td colspan="3">ANGULAR ±.0005°</td> </tr> </table>		mm	INCH	4 PLACES	±.005	±.0005	3 PLACES	±.004	±.0004	2 PLACES	±.003	±.0003	1 PLACE	±.002	±.0002	ANGULAR ±.0005°			<b>DIMENSION STYLE</b> IN/MM	<b>SCALE</b> ---	<b>DESIGN UNITS</b> INCH	<b>THIRD ANGLE PROJECTION</b>
		mm	INCH																					
	4 PLACES	±.005	±.0005																					
	3 PLACES	±.004	±.0004																					
2 PLACES	±.003	±.0003																						
1 PLACE	±.002	±.0002																						
ANGULAR ±.0005°																								
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>		<b>DRAWN BY</b> SSUDHIR <b>DATE</b> 2004/06/08 <b>CHECKED BY</b> GJLOWE <b>DATE</b> 2004/06/08 <b>APPROVED BY</b> GJLOWE <b>DATE</b> 2004/06/08	<b>TITLE</b> HEADER HOUSING ASSEMBLY .084/(2.13) DIA. SERIES	<b>MOLEX INCORPORATED</b>																				
<b>MATERIAL NO.</b> SEE CHART <b>DOCUMENT NO.</b> SDA-42002-*****		<b>SHEET NO.</b> 1 OF 5		<b>SIZE</b> THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				

PART NO.	ENG. NO.	CIRCUIT SIZE	HOUSING MATERIAL (SEE NOTE 1)	PIN (1) OR SOCKET (2) TERMINALS	TERMINAL PLATING (SEE NOTE 2)	TERMINAL LENGTH (SEE NOTE 3)	"A" DIM ±.015
10-84-4020	A-42002-2A1A1	2	A	1	A	1	.17/(4,3)
10-84-4021	A-42002-2B1A1		B	1	A	1	
10-84-5020	A-42002-2C1A1		C	1	A	1	
10-84-4022	A-42002-2A2A1		A	2	A	1	
10-84-4023	A-42002-2B2A1		B	2	A	1	
10-84-5021	A-42002-2C2A1		C	2	A	1	
PRELIMINARY	A-42002-2A1A2		A	1	A	2	.23/(5,8)
PRELIMINARY	A-42002-2B1A2		B	1	A	2	
PRELIMINARY	A-42002-2C1A2		C	1	A	2	
PRELIMINARY	A-42002-2A2A2		A	2	A	2	
PRELIMINARY	A-42002-2B2A2		B	2	A	2	
PRELIMINARY	A-42002-2C2A2		C	2	A	2	
10-84-4030	A-42002-3A1A1	3	A	1	A	1	.17/(4,3)
10-84-4031	A-42002-3B1A1		B	1	A	1	
10-84-5030	A-42002-3C1A1		C	1	A	1	
10-84-4032	A-42002-3A2A1		A	2	A	1	
10-84-4033	A-42002-3B2A1		B	2	A	1	
10-84-5031	A-42002-3C2A1		C	2	A	1	
PRELIMINARY	A-42002-3A1A2		A	1	A	2	.23/(5,8)
PRELIMINARY	A-42002-3B1A2		B	1	A	2	
PRELIMINARY	A-42002-3C1A2		C	1	A	2	
PRELIMINARY	A-42002-3A2A2		A	2	A	2	
PRELIMINARY	A-42002-3B2A2		B	2	A	2	
PRELIMINARY	A-42002-3C2A2		C	2	A	2	
10-84-4040	A-42002-4A1A1	4	A	1	A	1	.17/(4,3)
10-84-4041	A-42002-4B1A1		B	1	A	1	
10-84-5040	A-42002-4C1A1		C	1	A	1	
10-84-4042	A-42002-4A2A1		A	2	A	1	
10-84-4043	A-42002-4B2A1		B	2	A	1	
10-84-5041	A-42002-4C2A1		C	2	A	1	
PRELIMINARY	A-42002-4A1A2		A	1	A	2	.23/(5,8)
PRELIMINARY	A-42002-4B1A2		B	1	A	2	
PRELIMINARY	A-42002-4C1A2		C	1	A	2	
PRELIMINARY	A-42002-4A2A2		A	2	A	2	
PRELIMINARY	A-42002-4B2A2		B	2	A	2	
PRELIMINARY	A-42002-4C2A2		C	2	A	2	
10-84-4060	A-42002-6A1A1	6	A	1	A	1	.17/(4,3)
10-84-4061	A-42002-6B1A1		B	1	A	1	
10-84-5060	A-42002-6C1A1		C	1	A	1	
10-84-4062	A-42002-6A2A1		A	2	A	1	
10-84-4063	A-42002-6B2A1		B	2	A	1	
10-84-5061	A-42002-6C2A1		C	2	A	1	
PRELIMINARY	A-42002-6A1A2		A	1	A	2	.23/(5,8)
PRELIMINARY	A-42002-6B1A2		B	1	A	2	
PRELIMINARY	A-42002-6C1A2		C	1	A	2	
PRELIMINARY	A-42002-6A2A2		A	2	A	2	
PRELIMINARY	A-42002-6B2A2		B	2	A	2	
PRELIMINARY	A-42002-6C2A2		C	2	A	2	
10-84-4090	A-42002-9A1A1	9	A	1	A	1	.17/(4,3)
10-84-4091	A-42002-9B1A1		B	1	A	1	
10-84-5090	A-42002-9C1A1		C	1	A	1	
10-84-4092	A-42002-9A2A1		A	2	A	1	
10-84-4093	A-42002-9B2A1		B	2	A	1	
10-84-5091	A-42002-9C2A1		C	2	A	1	
PRELIMINARY	A-42002-9A1A2		A	1	A	2	.23/(5,8)
PRELIMINARY	A-42002-9B1A2		B	1	A	2	
PRELIMINARY	A-42002-9C1A2		C	1	A	2	
PRELIMINARY	A-42002-9A2A2		A	2	A	2	
PRELIMINARY	A-42002-9B2A2		B	2	A	2	
PRELIMINARY	A-42002-9C2A2		C	2	A	2	

**LEGEND:**

A-42002-\*\*\* \*\* \*\* \*

BASE NUMBER

CIRCUIT SIZE

MATERIAL CODE (SEE NOTE 1)

PIN (1) OR SOCKET (2) TERMINALS

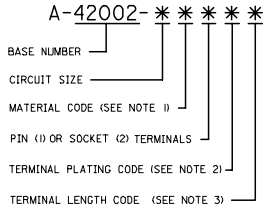
TERMINAL PLATING CODE (SEE NOTE 2)

TERMINAL LENGTH CODE (SEE NOTE 3)

EC NO. 12005-0180 DRAWN BY: SSUDHIR 2006/01/20 CHECKED BY: SSUDHIR 2006/01/20 APPROVED BY: (APPROPRIATE) 2006/01/20	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	DRAWN BY: SSUDHIR DATE: 2004/06/08 CHECKED BY: GJLOWE DATE: 2004/06/08 APPROVED BY: GJLOWE DATE: 2004/06/08	TITLE HEADER HOUSING ASSEMBLIES .084/(2.13) DIA. SERIES			MOLEX INCORPORATED
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

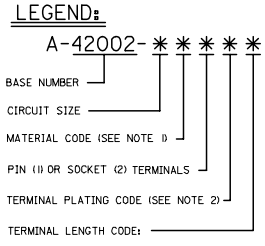
PART NO.	ENG. NO.	CIRCUIT SIZE	HOUSING MATERIAL (SEE NOTE 1)	PIN (1) OR SOCKET (2) TERMINALS	TERMINAL PLATING (SEE NOTE 2)	TERMINAL LENGTH (SEE NOTE 3)	*A* DIM ±.015
IO-84-4I20	A-42002-12A1A1	12	A	1	A	1	.17/(4,3)
IO-84-4I21	A-42002-12B1A1		B	1	A	1	
IO-84-5I20	A-42002-12C1A1		C	1	A	1	
IO-84-4I22	A-42002-12A2A1		A	2	A	1	
IO-84-4I23	A-42002-12B2A1		B	2	A	1	
IO-84-5I21	A-42002-12C2A1		C	2	A	1	
PRELIMINARY	A-42002-12A1A2		A	1	A	2	.23/(5,8)
PRELIMINARY	A-42002-12B1A2		B	1	A	2	
PRELIMINARY	A-42002-12C1A2		C	1	A	2	
PRELIMINARY	A-42002-12A2A2		A	2	A	2	
PRELIMINARY	A-42002-12B2A2		B	2	A	2	
PRELIMINARY	A-42002-12C2A2		C	2	A	2	
IO-84-4I50	A-42002-15A1A1	15	A	1	A	1	.17/(4,3)
IO-84-4I51	A-42002-15B1A1		B	1	A	1	
IO-84-5I50	A-42002-15C1A1		C	1	A	1	
IO-84-4I52	A-42002-15A2A1		A	2	A	1	
IO-84-4I53	A-42002-15B2A1		B	2	A	1	
IO-84-5I51	A-42002-15C2A1		C	2	A	1	
PRELIMINARY	A-42002-15A1A2		A	1	A	2	.23/(5,8)
PRELIMINARY	A-42002-15B1A2		B	1	A	2	
PRELIMINARY	A-42002-15C1A2		C	1	A	2	
PRELIMINARY	A-42002-15A2A2		A	2	A	2	
PRELIMINARY	A-42002-15B2A2		B	2	A	2	
PRELIMINARY	A-42002-15C2A2		C	2	A	2	

**LEGEND:**



EC NO. 12005-0180 DRAWINGSDHIR 2006/01/20 CHECKSDHIR 2006/01/20 APPROVEDSDHIR 2006/01/20	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	DRAWN BY SSUDHIR 2004/06/08	DATE 2004/06/08	TITLE HEADER HOUSING ASSEMBLES .084/(2.13) DIA. SERIES	MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-42002-*****	SHEET NO. 3 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

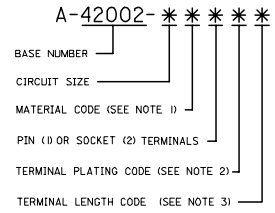
PART NO.	ENG. NO.	CIRCUIT SIZE	HOUSING MATERIAL (SEE NOTE 1)	PIN (1) OR SOCKET (2) TERMINALS	TERMINAL PLATING (SEE NOTE 2)	TERMINAL LENGTH (SEE NOTE 3)	"A" DIM ±.015
IO-84-4024	A-42002-2A1B1	2	A	1	B	1	.17/(4,3)
IO-84-4025	A-42002-2B1B1		B	1	B	1	
IO-84-5022	A-42002-2C1B1		C	1	B	1	
IO-84-4026	A-42002-2A2B1		A	2	B	1	
IO-84-4027	A-42002-2B2B1		B	2	B	1	
IO-84-5023	A-42002-2C2B1		C	2	B	1	
PRELIMINARY	A-42002-2A1B2		A	1	B	2	.23/(5,8)
PRELIMINARY	A-42002-2B1B2		B	1	B	2	
PRELIMINARY	A-42002-2C1B2		C	1	B	2	
PRELIMINARY	A-42002-2A2B2		A	2	B	2	
PRELIMINARY	A-42002-2B2B2	B	2	B	2		
PRELIMINARY	A-42002-2C2B2	C	2	B	2		
IO-84-4034	A-42002-3A1B1	3	A	1	B	1	.17/(4,3)
IO-84-4035	A-42002-3B1B1		B	1	B	1	
IO-84-5032	A-42002-3C1B1		C	1	B	1	
IO-84-4036	A-42002-3A2B1		A	2	B	1	
IO-84-4037	A-42002-3B2B1		B	2	B	1	
IO-84-5033	A-42002-3C2B1		C	2	B	1	
PRELIMINARY	A-42002-3A1B2		A	1	B	2	.23/(5,8)
PRELIMINARY	A-42002-3B1B2		B	1	B	2	
PRELIMINARY	A-42002-3C1B2		C	1	B	2	
PRELIMINARY	A-42002-3A2B2		A	2	B	2	
PRELIMINARY	A-42002-3B2B2	B	2	B	2		
PRELIMINARY	A-42002-3C2B2	C	2	B	2		
IO-84-4044	A-42002-4A1B1	4	A	1	B	1	.17/(4,3)
IO-84-4045	A-42002-4B1B1		B	1	B	1	
IO-84-5042	A-42002-4C1B1		C	1	B	1	
IO-84-4046	A-42002-4A2B1		A	2	B	1	
IO-84-4047	A-42002-4B2B1		B	2	B	1	
IO-84-5043	A-42002-4C2B1		C	2	B	1	
PRELIMINARY	A-42002-4A1B2		A	1	B	2	.23/(5,8)
PRELIMINARY	A-42002-4B1B2		B	1	B	2	
PRELIMINARY	A-42002-4C1B2		C	1	B	2	
PRELIMINARY	A-42002-4A2B2		A	2	B	2	
PRELIMINARY	A-42002-4B2B2	B	2	B	2		
PRELIMINARY	A-42002-4C2B2	C	2	B	2		
IO-84-4064	A-42002-6A1B1	6	A	1	B	1	.17/(4,3)
IO-84-4065	A-42002-6B1B1		B	1	B	1	
IO-84-5062	A-42002-6C1B1		C	1	B	1	
IO-84-4066	A-42002-6A2B1		A	2	B	1	
IO-84-4067	A-42002-6B2B1		B	2	B	1	
IO-84-5063	A-42002-6C2B1		C	2	B	1	
PRELIMINARY	A-42002-6A1B2		A	1	B	2	.23/(5,8)
PRELIMINARY	A-42002-6B1B2		B	1	B	2	
PRELIMINARY	A-42002-6C1B2		C	1	B	2	
PRELIMINARY	A-42002-6A2B2		A	2	B	2	
PRELIMINARY	A-42002-6B2B2	B	2	B	2		
PRELIMINARY	A-42002-6C2B2	C	2	B	2		
IO-84-4094	A-42002-9A1B1	9	A	1	B	1	.17/(4,3)
IO-84-4095	A-42002-9B1B1		B	1	B	1	
IO-84-5092	A-42002-9C1B1		C	1	B	1	
IO-84-4096	A-42002-9A2B1		A	2	B	1	
IO-84-4097	A-42002-9B2B1		B	2	B	1	
IO-84-5093	A-42002-9C2B1		C	2	B	1	
PRELIMINARY	A-42002-9A1B2		A	1	B	2	.23/(5,8)
PRELIMINARY	A-42002-9B1B2		B	1	B	2	
PRELIMINARY	A-42002-9C1B2		C	1	B	2	
PRELIMINARY	A-42002-9A2B2		A	2	B	2	
PRELIMINARY	A-42002-9B2B2	B	2	B	2		
PRELIMINARY	A-42002-9C2B2	C	2	B	2		



EC NO. 12005-0180 DRAWN BY: SSUDHIR 2006/01/20 CHECKED BY: CHIKKOSUDHIR 2006/01/20 APPROVED BY: (APPROPRIATE)	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) .mm INCH		DIMENSION STYLE IN/MM		SCALE: 1:1	DESIGN UNITS: INCH	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	DRAWN BY: SSUDHIR 2004/06/08 CHECKED BY: GJLOWE 2004/06/08 APPROVED BY: GJLOWE 2004/06/08	TITLE: ASSEMBLY, PIN AND SOCKET HEADERS .084/(2.13) DIA. SERIES			MATERIAL NO. SDA-42002-***** DOCUMENT NO.	SHEET NO. 4 OF 5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
PART NO.	ENG. NO.	CIRCUIT SIZE	HOUSING MATERIAL (SEE NOTE 1)	PIN (1) OR SOCKET (2) TERMINALS	TERMINAL PLATING (SEE NOTE 2)	TERMINAL LENGTH (SEE NOTE 3)	'A' DIM ±.015												
IO-84-4124	A-42002-12A1B1	12	A	1	B	1	.17/(4,3)												
IO-84-4125	A-42002-12B1B1		B	1	B	1													
IO-84-5122	A-42002-12C1B1		C	1	B	1													
IO-84-4126	A-42002-12A2B1		A	2	B	1													
IO-84-4127	A-42002-12B2B1		B	2	B	1													
IO-84-5123	A-42002-12C2B1		C	2	B	1													
PRELIMINARY	A-42002-12A1B2		A	1	B	2	.23/(5,8)												
PRELIMINARY	A-42002-12B1B2		B	1	B	2													
PRELIMINARY	A-42002-12C1B2		C	1	B	2													
PRELIMINARY	A-42002-12A2B2	A	2	B	2														
PRELIMINARY	A-42002-12B2B2	B	2	B	2														
PRELIMINARY	A-42002-12C2B2	C	2	B	2														
IO-84-4154	A-42002-15A1B1	15	A	1	B	1	.17/(4,3)												
IO-84-4155	A-42002-15B1B1		B	1	B	1													
IO-84-5152	A-42002-15C1B1		C	1	B	1													
IO-84-4156	A-42002-15A2B1		A	2	B	1													
IO-84-4157	A-42002-15B2B1		B	2	B	1													
IO-84-5153	A-42002-15C2B1		C	2	B	1													
PRELIMINARY	A-42002-15A1B2		A	1	B	2	.23/(5,8)												
PRELIMINARY	A-42002-15B1B2		B	1	B	2													
PRELIMINARY	A-42002-15C1B2		C	1	B	2													
PRELIMINARY	A-42002-15A2B2	A	2	B	2														
PRELIMINARY	A-42002-15B2B2	B	2	B	2														
PRELIMINARY	A-42002-15C2B2	C	2	B	2														

**LEGEND:**



EC NO. 12005-0180 DRAWNSUDHIR 2006/01/20 CHECKSUDHIR 2006/01/20 APPROVEDSUDHIR 2006/01/20	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ± .0005 ± .0005 3 PLACES ± .0005 ± .0005 2 PLACES ± .0005 ± .0005 1 PLACE ± .0005 ± .0005	.mm    .INCH	DRAWN BY SSUDHIR    2004/06/08	DATE 2004/06/08	TITLE ASSEMBLY, PIN AND SOCKET HEADERS .084/(2.13) DIA. SERIES	MOLEX INCORPORATED
D	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-42002-*****	SHEET NO. 5 OF 5	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					