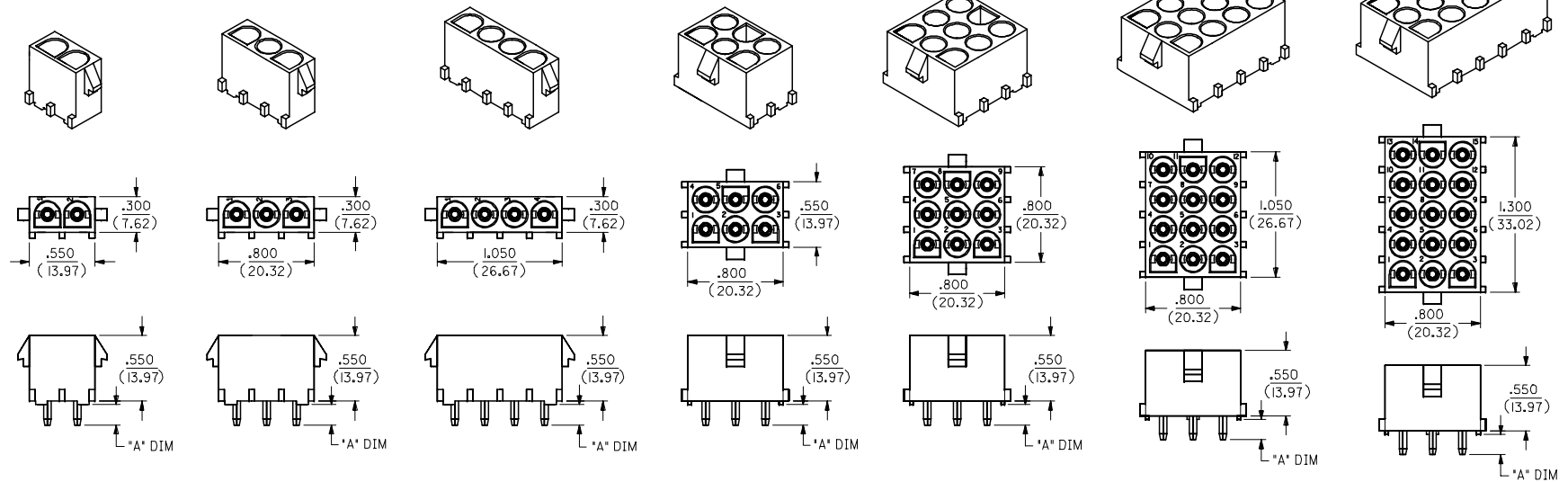
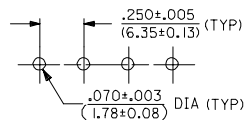




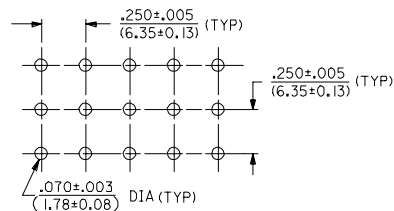
SEE CHARTS FOR "A" DIMENSION

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./ (.127 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:

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)

ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
EC NO: 12005-0180		2006/01/20		mm		IN/MM		---	INCH	 THIRD ANGLE PROJECTION		
DRAWN:SSUDHIR		2006/01/20		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE HEADER HOUSING ASSEMBLY .084/(2.13) DIA. SERIES			
CHKD:GJLOWE		2006/01/20		3 PLACES	± ---	± ---	CHECKED BY	DATE				
APPR:KPRASAD		2006/01/23		2 PLACES	± ---	± ---	GJLOWE	2004/06/08	MOLEX INCORPORATED			
				1 PLACE	± ---	± ---	APPROVED BY	DATE				
				ANGULAR ± ---°		GJLOWE		2004/06/08	 MOLEX INCORPORATED			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-42002-*****				SHEET NO. 1 OF 5
D		REV		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

		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												
M		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													
L		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	.23/(5,8)												
	K		PRELIMINARY		A-42002-2A1A2	A	1	A	2												
			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													
J		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	.23/(5,8)												
I		PRELIMINARY	A-42002-3A1A2		A	1	A	2													
		PRELIMINARY	A-42002-3B1A2		B	1	A	2													
		PRELIMINARY	A-42002-3C1A2		C	1	A	2													
	H		PRELIMINARY		A-42002-3A2A2	A	2	A	2												
			PRELIMINARY		A-42002-3B2A2	B	2	A	2												
			PRELIMINARY		A-42002-3C2A2	C	2	A	2	.17/(4,3)											
G			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	.23/(5,8)												
F		PRELIMINARY	A-42002-4A1A2	A		1	A	2													
		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	.17/(4,3)												
E		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	.23/(5,8)												
D		PRELIMINARY	A-42002-6A1A2		A	1	A	2													
		PRELIMINARY	A-42002-6B1A2		B	1	A	2													
		PRELIMINARY	A-42002-6C1A2		C	1	A	2													
	C		PRELIMINARY		A-42002-6A2A2	A	2	A	2												
			PRELIMINARY		A-42002-6B2A2	B	2	A	2												
			PRELIMINARY		A-42002-6C2A2	C	2	A	2	.17/(4,3)											
B			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	.23/(5,8)												
A		PRELIMINARY	A-42002-9A1A2	A		1	A	2													
		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													
</																					

	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													
M	10-84-4 I20	A-42002-12A1A1	12	A	1	A	1	.17/(4,3)													M
	10-84-4 I21	A-42002-12B1A1		B	1	A	1														
	10-84-5 I20	A-42002-12C1A1		C	1	A	1														
	10-84-4 I22	A-42002-12A2A1		A	2	A	1														
	10-84-4 I23	A-42002-12B2A1		B	2	A	1														
	10-84-5 I21	A-42002-12C2A1		C	2	A	1														
L	PRELIMINARY	A-42002-12A1A2		A	1	A	2	.23/(5,8)													L
	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														
K	10-84-4 I50	A-42002-15A1A1	15	A	1	A	1	.17/(4,3)													K
	10-84-4 I51	A-42002-15B1A1		B	1	A	1														
	10-84-5 I50	A-42002-15C1A1		C	1	A	1														
	10-84-4 I52	A-42002-15A2A1		A	2	A	1														
	10-84-4 I53	A-42002-15B2A1		B	2	A	1														
	10-84-5 I51	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														
J	PRELIMINARY	A-42002-15A2A2		A	2	A	2														J
	PRELIMINARY	A-42002-15B2A2		B	2	A	2														
	PRELIMINARY	A-42002-15C2A2		C	2	A	2														
I																					I
H																					H
G																					G
F																					F
E																					E
D																					D
C																					C
B																					B
A																					A

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: D005-0180 DRAWN BY: SSUDHIR CHKD BY: SSUDHIR APPROVED BY: GJLOWE DATE: 2006/07/20 DATE: 2006/07/20 DATE: 2006/07/20	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES ± ± ± ±	INCH	DRAWN BY SSUDHIR	DATE 2004/06/08	TITLE HEADER HOUSING ASSEMBLES .084/(2.13) DIA. SERIES				
		3 PLACES ± ± ± ±	INCH	CHECKED BY GJLOWE	DATE 2004/06/08	MOLEX INCORPORATED				
		2 PLACES ± ± ± ±	INCH	APPROVED BY GJLOWE	DATE 2004/06/08					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-42002-*****		SHEET NO. 3 OF 3				
		SIZE A 1		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												
M	10-84-4024	A-42002-2A IB1	2	A	1	B	1	.17/(4,3)												
	10-84-4025	A-42002-2B IB1		B	1	B	1													
	10-84-5022	A-42002-2C IB1		C	1	B	1													
	10-84-4026	A-42002-2A2B1		A	2	B	1													
	10-84-4027	A-42002-2B2B1		B	2	B	1													
	10-84-5023	A-42002-2C2B1		C	2	B	1													
L	PRELIMINARY	A-42002-2AIB2		A	1	B	2	.23/(5,8)												
	PRELIMINARY	A-42002-2BIB2		B	1	B	2													
	PRELIMINARY	A-42002-2CIB2		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														
K	10-84-4034	A-42002-3A IB1	3	A	1	B	1	.17/(4,3)												
	10-84-4035	A-42002-3B IB1		B	1	B	1													
	10-84-5032	A-42002-3C IB1		C	1	B	1													
	10-84-4036	A-42002-3A2B1		A	2	B	1													
	10-84-4037	A-42002-3B2B1		B	2	B	1													
	10-84-5033	A-42002-3C2B1		C	2	B	1													
	PRELIMINARY	A-42002-3AIB2		A	1	B	2	.23/(5,8)												
	PRELIMINARY	A-42002-3BIB2		B	1	B	2													
	PRELIMINARY	A-42002-3CIB2		C	1	B	2													
J	PRELIMINARY	A-42002-3A2B2	A	2	B	2														
	PRELIMINARY	A-42002-3B2B2	B	2	B	2														
	PRELIMINARY	A-42002-3C2B2	C	2	B	2														
	10-84-4044	A-42002-4A IB1	4	A	1	B	1	.17/(4,3)												
	10-84-4045	A-42002-4B IB1		B	1	B	1													
	10-84-5042	A-42002-4C IB1		C	1	B	1													
	10-84-4046	A-42002-4A2B1		A	2	B	1													
	10-84-4047	A-42002-4B2B1		B	2	B	1													
	10-84-5043	A-42002-4C2B1		C	2	B	1													
	PRELIMINARY	A-42002-4AIB2		A	1	B	2	.23/(5,8)												
	PRELIMINARY	A-42002-4BIB2		B	1	B	2													
	PRELIMINARY	A-42002-4CIB2		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														
	10-84-4064	A-42002-6A IB1	6	A	1	B	1	.17/(4,3)												
	10-84-4065	A-42002-6B IB1		B	1	B	1													
	10-84-5062	A-42002-6C IB1		C	1	B	1													
	10-84-4066	A-42002-6A2B1		A	2	B	1													
	10-84-4067	A-42002-6B2B1		B	2	B	1													
	10-84-5063	A-42002-6C2B1		C	2	B	1													
	PRELIMINARY	A-42002-6AIB2		A	1	B	2	.23/(5,8)												
	PRELIMINARY	A-42002-6BIB2		B	1	B	2													
	PRELIMINARY	A-42002-6CIB2		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														
	10-84-4094	A-42002-9A IB1	9	A	1	B	1	.17/(4,3)												
	10-84-4095	A-42002-9B IB1		B	1	B	1													
	10-84-5092	A-42002-9C IB1		C	1	B	1													
	10-84-4096	A-42002-9A2B1		A	2	B	1													
	10-84-4097	A-42002-9B2B1		B	2	B	1													
	10-84-5093	A-42002-9C2B1		C	2	B	1													
	PRELIMINARY	A-42002-9AIB2		A	1	B	2	.23/(5,8)												
	PRELIMINARY	A-42002-9BIB2		B	1	B	2													
	PRELIMINARY	A-42002-9CIB2		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														
																	</			

	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													
M	10-84-4124	A-42002-12A1B1	12	A	1	B	1	.17/(4,3)													
	10-84-4125	A-42002-12B1B1		B	1	B	1														
	10-84-5122	A-42002-12C1B1		C	1	B	1														
	10-84-4126	A-42002-12A2B1		A	2	B	1														
	10-84-4127	A-42002-12B2B1		B	2	B	1														
	10-84-5123	A-42002-12C2B1		C	2	B	1														
L	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														
K	10-84-4154	A-42002-15A1B1	15	A	1	B	1	.17/(4,3)													
	10-84-4155	A-42002-15B1B1		B	1	B	1														
	10-84-5152	A-42002-15C1B1		C	1	B	1														
	10-84-4156	A-42002-15A2B1		A	2	B	1														
	10-84-4157	A-42002-15B2B1		B	2	B	1														
	10-84-5153	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														
I																					
H																					
G																					
F																					
E																					
D																					
C																					
B																					
A																					

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 CHKD BY: SSUDHIR APPD BY: KRASID	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES	±----	±----	DRAWN BY SSUDHIR	DATE 2004/06/08	TITLE ASSEMBLY, PIN AND SOCKET HEADERS .084/(2.13) DIA. SERIES molex MOLEX INCORPORATED				
		3 PLACES	±----	±----	CHECKED BY GJLOWE	DATE 2004/06/08					
		2 PLACES	±----	±----	APPROVED BY GJLOWE	DATE 2004/06/08					
1 PLACE			±----	±----	ANGULAR ±1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-42002-*****	SHEET NO. 5 OF 5	
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								

D. Frame A1 P. ME. T
Rev. D. 2004/04/02