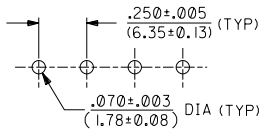


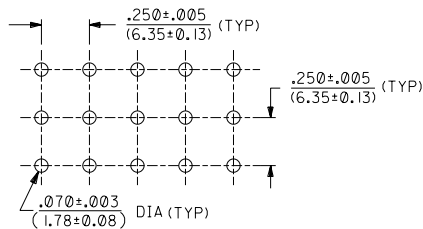
SEE CHARTS FOR "A" DIMENSION

P.C. BOARD MOUNTING DIMENSIONS

2, 3, & 4 POSITION HEADER ASSEMBLIES



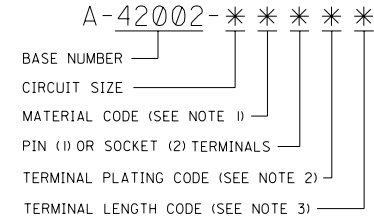
6, 9, 12 & 15 POSITION HEADER ASSEMBLIES



NOTES:

- 1) MATERIAL CODES:
 "A"= NYLON 6/6, 94V-2, NATURAL
 "B"= POLYESTER, 94V-0, BRICK RED
 "C"= PLOYESTER, 94V-0, WHITE/NATURAL
- 2) PLATING CODES:
 "A" = HOT TIN DIP 20 m.I./(.051 MICRONS) MINIMUM. PER SDES-88-P901
 "B" = 30 m.I./(.076 MICRONS) MINIMUM SELECT GOLD, AND 75 m.I./(.191 MICRONS) MINIMUM SELECT TIN - LEAD OVER 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:



5	B1			
4	B1	C1		REVISED AS PER 1.2003-0106 03/06/25
3	B1			
2	B1	C		ADD BLK TOL UCR1998-0296 98-6-B KSS
1	C1			
	MFG.	SH.	REV.	LTR.
				REVISIONS

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0		= 0		REVISE ONLY ON CAD SYSTEM	
3 PLACE ± .010		---		---		TITLE	
2 PLACE ± .014		± 0.25		---		HEADER HOUSING ASSEMBLIES, .084/(2.13) DIA. SERIES	
1 PLACE ---		± 0.36		---		DRAWING INFORMATION	
DRAWING INFORMATION		DRAWING INFORMATION		DRAWING INFORMATION		DRAWING INFORMATION	
DRWG. BY: RK	CHK'D. BY: GWF	SCALE: 1.5:1	FILE NAME: SDA42002X1.DGN	SHEET NO.: 1 OF 5	DATE: 11/16/87	PART NO. SDA-42002-*****	
SEE CHART		SEE CHART		SEE CHART		SEE CHART	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

	13	12	11	10	9	8	7	6	42002	4	3	2	1		
J	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							J
	10-84-4020	A-42002-2A IA I	2	A	1	A	1	.17/(4,3)							
	10-84-4021	A-42002-2B IA I		B	1	A	1								
	10-84-5020	A-42002-2C IA I		C	1	A	1								
	10-84-4022	A-42002-2A2A I		A	2	A	1								
	10-84-4023	A-42002-2B2A I		B	2	A	1								
	10-84-5021	A-42002-2C2A I		C	2	A	1								
I	PRELIMINARY	A-42002-2A IA2	A	1	A	2	.23/(5,8)							I	
	PRELIMINARY	A-42002-2B IA2	B	1	A	2									
	PRELIMINARY	A-42002-2C IA2	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									
H	10-84-4030	A-42002-3A IA I	3	A	1	A	1	.17/(4,3)							H
	10-84-4031	A-42002-3B IA I		B	1	A	1								
	10-84-5030	A-42002-3C IA I		C	1	A	1								
	10-84-4032	A-42002-3A2A I		A	2	A	1								
	10-84-4033	A-42002-3B2A I		B	2	A	1								
	10-84-5031	A-42002-3C2A I		C	2	A	1								
	PRELIMINARY	A-42002-3A IA2	A	1	A	2	.23/(5,8)								
G	PRELIMINARY	A-42002-3B IA2	B	1	A	2								G	
	PRELIMINARY	A-42002-3C IA2	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									
F	10-84-4040	A-42002-4A IA I	4	A	1	A	1	.17/(4,3)							F
	10-84-4041	A-42002-4B IA I		B	1	A	1								
	10-84-5040	A-42002-4C IA I		C	1	A	1								
	10-84-4042	A-42002-4A2A I		A	2	A	1								
	10-84-4043	A-42002-4B2A I		B	2	A	1								
	10-84-5041	A-42002-4C2A I		C	2	A	1								
	PRELIMINARY	A-42002-4A IA2	A	1	A	2	.23/(5,8)								
E	PRELIMINARY	A-42002-4B IA2	B	1	A	2								E	
	PRELIMINARY	A-42002-4C IA2	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									
D	10-84-4060	A-42002-6A IA I	6	A	1	A	1	.17/(4,3)							D
	10-84-4061	A-42002-6B IA I		B	1	A	1								
	10-84-5060	A-42002-6C IA I		C	1	A	1								
	10-84-4062	A-42002-6A2A I		A	2	A	1								
	10-84-4063	A-42002-6B2A I		B	2	A	1								
	10-84-5061	A-42002-6C2A I		C	2	A	1								
	PRELIMINARY	A-42002-6A IA2	A	1	A	2	.23/(5,8)								
	PRELIMINARY	A-42002-6B IA2	B	1	A	2									
	PRELIMINARY	A-42002-6C IA2	C	1	A	2									
	PRELIMINARY	A-42002-6A2A2	A	2	A	2									
C	PRELIMINARY	A-42002-6B2A2	B	2	A	2								C	
	PRELIMINARY	A-42002-6C2A2	C	2	A	2									
B	10-84-4090	A-42002-9A IA I	9	A	1	A	1	.17/(4,3)							B
	10-84-4091	A-42002-9B IA I		B	1	A	1								
	10-84-5090	A-42002-9C IA I		C	1	A	1								
	10-84-4092	A-42002-9A2A I		A	2	A	1								
	10-84-4093	A-42002-9B2A I		B	2	A	1								
	10-84-5091	A-42002-9C2A I		C	2	A	1								
	PRELIMINARY	A-42002-9A IA2	A	1	A	2	.23/(5,8)								
	PRELIMINARY	A-42002-9B IA2	B	1	A	2									
	PRELIMINARY	A-42002-9C IA2	C	1	A	2									
	PRELIMINARY	A-42002-9A2A2	A	2	A	2									
	PRELIMINARY	A-42002-9B2A2	B	2	A	2									
A	PRELIMINARY	A-42002-9C2A2	C	2	A	2								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) →

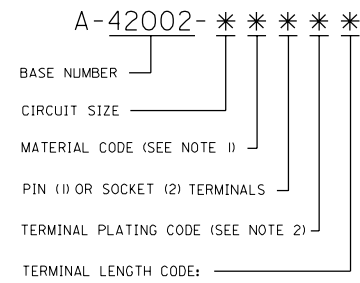
B1	SEE SHEET 1
A	SEE SHEET 1
I	SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°		▽ = 0	▼ = 0	REV. ONLY ON CAD SYSTEM
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		TITLE HEADER HOUSING ASSEMBLIES, .084/(2,13) DIA. SERIES		
DRWG. BY: RK		CHK'D. BY: GWF		DATE: 11/16/87
APP'D. BY: GWF		SCALE: --:--		SHEET NO. 2
FILE NAME: SDA42002X2		PART NO. SDA-42002-*****		
DCN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

42002

	13	12	11	10	9	8	7	6	42002	4	3	2	1			
J	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							J	
J	IO-84-4024	A-42002-2A IB1	2	A	1	B	1	.17/(4.3)							J	
	IO-84-4025	A-42002-2B IB1		B	1	B	1									I
	IO-84-5022	A-42002-2C IB1		C	1	B	1									
I	IO-84-4026	A-42002-2A2B1		A	2	B	1								G	
	IO-84-4027	A-42002-2B2B1		B	2	B	1									F
	IO-84-5023	A-42002-2C2B1		C	2	B	1									
H	PRELIMINARY	A-42002-2A IB2		A	1	B	2	.23/(5.8)							D	
	PRELIMINARY	A-42002-2B IB2		B	1	B	2									C
	PRELIMINARY	A-42002-2C IB2		C	1	B	2									
G	PRELIMINARY	A-42002-2A2B2	A	2	B	2								A		
	PRELIMINARY	A-42002-2B2B2	B	2	B	2										
	PRELIMINARY	A-42002-2C2B2	C	2	B	2										
F	IO-84-4034	A-42002-3A IB1	3	A	1	B	1	.17/(4.3)								
	IO-84-4035	A-42002-3B IB1		B	1	B	1									
	IO-84-5032	A-42002-3C IB1		C	1	B	1									
E	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									
D	PRELIMINARY	A-42002-3A IB2		A	1	B	2	.23/(5.8)								
	PRELIMINARY	A-42002-3B IB2		B	1	B	2									
	PRELIMINARY	A-42002-3C IB2		C	1	B	2									
C	PRELIMINARY	A-42002-3A2B2	A	2	B	2										
	PRELIMINARY	A-42002-3B2B2	B	2	B	2										
	PRELIMINARY	A-42002-3C2B2	C	2	B	2										
B	IO-84-4044	A-42002-4A IB1	4	A	1	B	1	.17/(4.3)								
	IO-84-4045	A-42002-4B IB1		B	1	B	1									
	IO-84-5042	A-42002-4C IB1		C	1	B	1									
A	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									
J	PRELIMINARY	A-42002-4A IB2		A	1	B	2	.23/(5.8)								
	PRELIMINARY	A-42002-4B IB2		B	1	B	2									
	PRELIMINARY	A-42002-4C IB2		C	1	B	2									
I	PRELIMINARY	A-42002-4A2B2	A	2	B	2										
	PRELIMINARY	A-42002-4B2B2	B	2	B	2										
	PRELIMINARY	A-42002-4C2B2	C	2	B	2										
H	IO-84-4064	A-42002-6A IB1	6	A	1	B	1	.17/(4.3)								
	IO-84-4065	A-42002-6B IB1		B	1	B	1									
	IO-84-5062	A-42002-6C IB1		C	1	B	1									
G	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									
F	PRELIMINARY	A-42002-6A IB2		A	1	B	2	.23/(5.8)								
	PRELIMINARY	A-42002-6B IB2		B	1	B	2									
	PRELIMINARY	A-42002-6C IB2		C	1	B	2									
E	PRELIMINARY	A-42002-6A2B2	A	2	B	2										
	PRELIMINARY	A-42002-6B2B2	B	2	B	2										
	PRELIMINARY	A-42002-6C2B2	C	2	B	2										
D	IO-84-4094	A-42002-9A IB1	9	A	1	B	1	.17/(4.3)								
	IO-84-4095	A-42002-9B IB1		B	1	B	1									
	IO-84-5092	A-42002-9C IB1		C	1	B	1									
C	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									
B	PRELIMINARY	A-42002-9A IB2		A	1	B	2	.23/(5.8)								
	PRELIMINARY	A-42002-9B IB2		B	1	B	2									
	PRELIMINARY	A-42002-9C IB2		C	1	B	2									
A	PRELIMINARY	A-42002-9A2B2	A	2	B	2										
	PRELIMINARY	A-42002-9B2B2	B	2	B	2										
	PRELIMINARY	A-42002-9C2B2	C	2	B	2										

LEGEND:



42002

B1 SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH		▽ = 0		▽ = 0		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES ANGLES ARE 1/2°		TITLE		ASSEMBLY, PIN AND SOCKET HEADERS .084/(2.13) DIA. SERIES		DATE 96/03/29	
3 PLACE ± ---		INCH		METRIC		MOLEX INCORPORATED SHEET NO. 4 U.S.A.	
2 PLACE ± ---		FILE NAME		SDA-42002-*****		DRAWING NO.	
1 PLACE --- ± ---		SCALE		1:1		CP C	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWG. BY		CM		CHK'D. BY	
APP'D. BY		RAS		SCALE		---	

	13	12	11	10	9	8	7	6	42002	4	3	2	1		
J	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							J
	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								
I	PRELIMINARY	A-42002-12A1B2	A	1	B	2	.23/(5,8)							I	
	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									
H	10-84-4154	A-42002-15A1B1	15	A	1	B	1	.17/(4,3)							H
	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								
G	PRELIMINARY	A-42002-15A1B2	A	1	B	2	.23/(5,8)							G	
	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									
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)

42002

B1 SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0	▽ = 0	REVISIONS																						
TITLE ASSEMBLY, PIN AND SOCKET HEADERS .084/(2.13) DIA. SERIES		REVISE ONLY ON CAD SYSTEM																								
<table border="1"> <tr> <th>PLACES</th> <th>INCH</th> <th>METRIC</th> </tr> <tr> <td>3 PLACE</td> <td>± .001</td> <td>± .002</td> </tr> <tr> <td>2 PLACE</td> <td>± .005</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± .010</td> <td>± .020</td> </tr> </table>		PLACES	INCH	METRIC	3 PLACE	± .001	± .002	2 PLACE	± .005	± .010	1 PLACE	± .010	± .020	<table border="1"> <tr> <td>MFG.</td> <td>SH.</td> <td>REV.</td> <td>LTR.</td> <td>REVISIONS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			MFG.	SH.	REV.	LTR.	REVISIONS					
PLACES	INCH	METRIC																								
3 PLACE	± .001	± .002																								
2 PLACE	± .005	± .010																								
1 PLACE	± .010	± .020																								
MFG.	SH.	REV.	LTR.	REVISIONS																						
<table border="1"> <tr> <td>DRWG. NO.</td> <td>CM</td> <td>ENGR. BY</td> <td>KBP</td> </tr> <tr> <td>APP'D. BY</td> <td>RAS</td> <td>SCALE</td> <td>1:1</td> </tr> </table>		DRWG. NO.	CM	ENGR. BY	KBP	APP'D. BY	RAS	SCALE	1:1	<table border="1"> <tr> <td>MOLEX INCORPORATED</td> <td>SHEET NO.</td> <td>DATE</td> </tr> <tr> <td>LITTLEFALL, N.J. 07643</td> <td>5</td> <td>96/03/29</td> </tr> </table>			MOLEX INCORPORATED	SHEET NO.	DATE	LITTLEFALL, N.J. 07643	5	96/03/29								
DRWG. NO.	CM	ENGR. BY	KBP																							
APP'D. BY	RAS	SCALE	1:1																							
MOLEX INCORPORATED	SHEET NO.	DATE																								
LITTLEFALL, N.J. 07643	5	96/03/29																								
<table border="1"> <tr> <td>FILE NAME</td> <td>SD42002X8</td> </tr> <tr> <td>DCN</td> <td>001</td> </tr> </table>		FILE NAME	SD42002X8	DCN	001	<table border="1"> <tr> <td>PART NO.</td> <td>SDA-42002-*****</td> </tr> <tr> <td>SEE CHART</td> <td>CP</td> </tr> </table>			PART NO.	SDA-42002-*****	SEE CHART	CP														
FILE NAME	SD42002X8																									
DCN	001																									
PART NO.	SDA-42002-*****																									
SEE CHART	CP																									
<small>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</small>																										