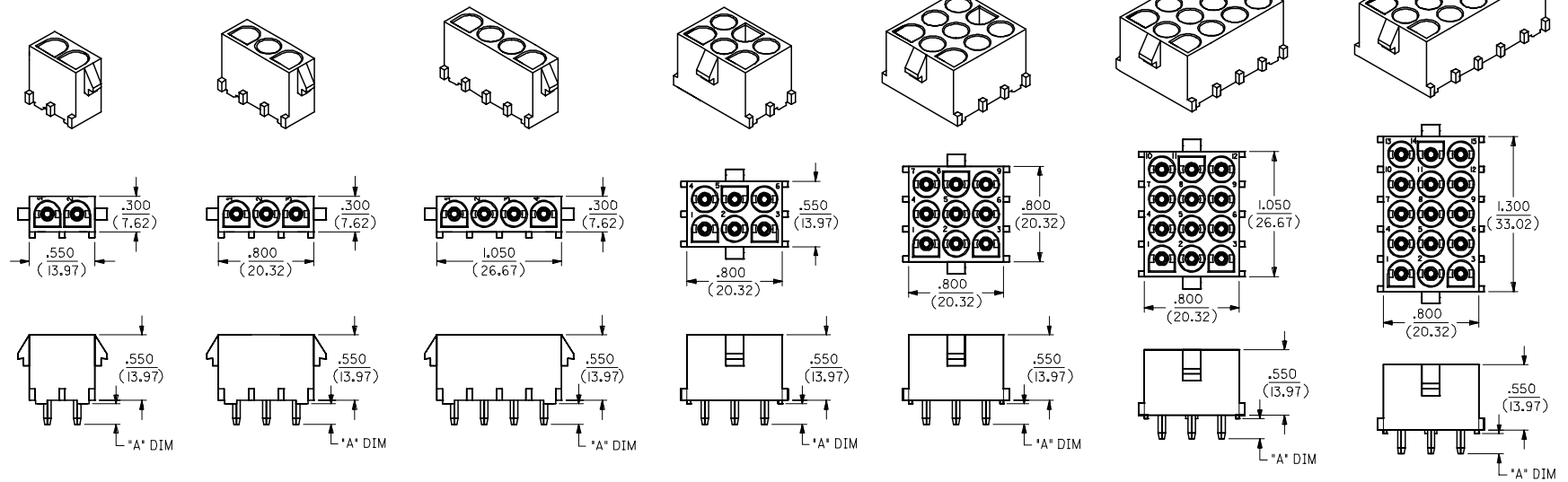
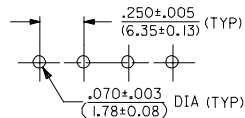




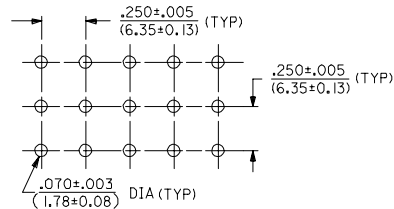
SEE CHARTS FOR "A" DIMENSION

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./(.254 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	
DRWN:SSDHIR		2006/01/20		4 PLACES ±---		DRAWN BY		TITLE			
CHK:GJLOWE		2006/01/20		3 PLACES ±---		CHECKED BY		.084/(2.13) DIA. SERIES			
APPR:KPRASAD		2006/01/23		2 PLACES ±---		GJLOWE		2004/06/08			
				1 PLACE ±---		APPROVED BY		DATE			
				ANGULAR ±---°		GJLOWE		2004/06/08			
								MOLEX MOLEX INCORPORATED			
						MATERIAL NO.		DOCUMENT NO.			
						SEE CHART		SDA-42002-*****			
						SIZE		SHEET NO.			
						A2		1 OF 5			

		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													
		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														
K		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													
J		PRELIMINARY	A-42002-3A2A2	A	2	A	2														
		PRELIMINARY	A-42002-3B2A2	B	2	A	2														
		PRELIMINARY	A-42002-3C2A2	C	2	A	2														
	I		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													
H		PRELIMINARY	A-42002-4A2A2	A	2	A	2														
		PRELIMINARY	A-42002-4B2A2	B	2	A	2														
		PRELIMINARY	A-42002-4C2A2	C	2	A	2														
	G		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													
F		PRELIMINARY	A-42002-6A2A2	A	2	A	2														
		PRELIMINARY	A-42002-6B2A2	B	2	A	2														
		PRELIMINARY	A-42002-6C2A2	C	2	A	2														
	E		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													
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)

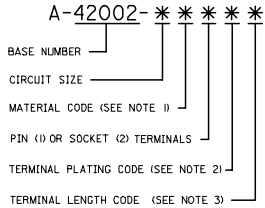
EC NO: 12005-0180 DRAWN:SSUDHIR 2006/01/20 CHKD:SSUDHIR 2006/01/20 APPR:KPRASAD 2006/01/23	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY SSUDHIR	DATE 2004/06/08	TITLE HEADER HOUSING ASSEMBLIES .084/(2.13) DIA. SERIES		
		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.			DOCUMENT NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-42002-*****				
SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10-Frame A1.P_ME.T
Rev. D 2004/04/02

19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---

	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:



EC NO: D2005-0180
DRAWN BY: SSUDHIR
CHKD BY: SSUDHIR
APPROVED BY: GJLOWE
DATE: 2006/01/20
DATE: 2006/01/20
DATE: 2006/01/20

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± ±
3 PLACES ± ±
2 PLACES ± ±
1 PLACE ± ±
ANGULAR ±1/2°

DIMENSION STYLE
IN/MM
DRAWN BY: SSUDHIR
CHECKED BY: GJLOWE
APPROVED BY: GJLOWE
DATE: 2004/06/08
DATE: 2004/06/08
DATE: 2004/06/08

SCALE
1:1
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION

TITLE
HEADER HOUSING ASSEMBLES
.084/(2.13) DIA. SERIES

MATERIAL NO.
SDA-42002-*****
DOCUMENT NO.
SDA-42002-*****
SHEET NO.
3 OF 3

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SIZE
A1

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	IO-84-4024	A-42002-2A IB I	2	A	1	B	1	.17/(4,3)												
	IO-84-4025	A-42002-2B IB I		B	1	B	1													
	IO-84-5022	A-42002-2C IB I		C	1	B	1													
	IO-84-4026	A-42002-2A2B I		A	2	B	1													
	IO-84-4027	A-42002-2B2B I		B	2	B	1													
	IO-84-5023	A-42002-2C2B I		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	IO-84-4034	A-42002-3A IB I	3	A	1	B	1	.17/(4,3)												
	IO-84-4035	A-42002-3B IB I		B	1	B	1													
	IO-84-5032	A-42002-3C IB I		C	1	B	1													
	IO-84-4036	A-42002-3A2B I		A	2	B	1													
	IO-84-4037	A-42002-3B2B I		B	2	B	1													
	IO-84-5033	A-42002-3C2B I		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														
	IO-84-4044	A-42002-4A IB I	4	A	1	B	1	.17/(4,3)												
	IO-84-4045	A-42002-4B IB I		B	1	B	1													
	IO-84-5042	A-42002-4C IB I		C	1	B	1													
	IO-84-4046	A-42002-4A2B I		A	2	B	1													
	IO-84-4047	A-42002-4B2B I		B	2	B	1													
	IO-84-5043	A-42002-4C2B I		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														
G	IO-84-4064	A-42002-6A IB I	6	A	1	B	1	.17/(4,3)												
	IO-84-4065	A-42002-6B IB I		B	1	B	1													
	IO-84-5062	A-42002-6C IB I		C	1	B	1													
	IO-84-4066	A-42002-6A2B I		A	2	B	1													
	IO-84-4067	A-42002-6B2B I		B	2	B	1													
	IO-84-5063	A-42002-6C2B I		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														
F	IO-84-4094	A-42002-9A IB I	9	A	1	B	1	.17/(4,3)												
	IO-84-4095	A-42002-9B IB I		B	1	B	1													
	IO-84-5092	A-42002-9C IB I		C	1	B	1													
	IO-84-4096	A-42002-9A2B I		A	2	B	1													
	IO-84-4097	A-42002-9B2B I		B	2	B	1													
	IO-84-5093	A-42002-9C2B I		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: DRWSSUDHIR CHKD BY: CHKSSUDHIR APPD BY: APPKPRASAD REV: D	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		
		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							