

13 12 11 10 9 8 7 6 5 4 3 2 1

J

I

H

G

F

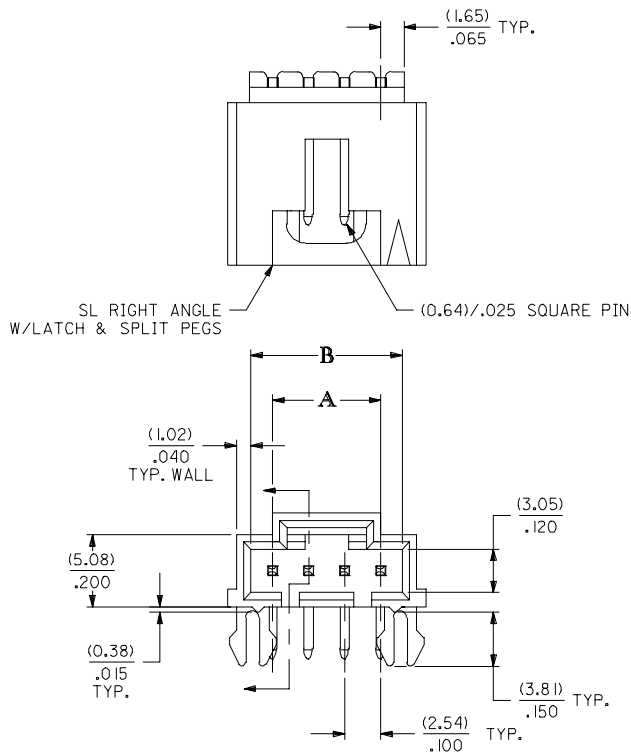
E

D

C

B

A

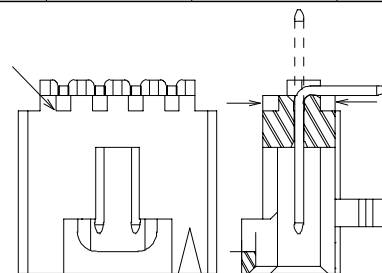


NOTES:

1. HEADER MATERIAL: GLASS FILLED POLYESTER; UL94V-0; COLOR: BLACK
PIN MATERIAL: PHOSPHOR BRONZE
2. HEADER TO BE USED WITH OPTION 'G' 70400 AND 70430 SERIES SL CONNECTORS.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
4. STANDARD PACKAGING PER PK-70873-0015.
5. DIMENSIONS WITHOUT TOLERANCE ARE SHOWN FOR REFERENCE ONLY.
6. MEASURE POINT FOR PLATING THICKNESS.

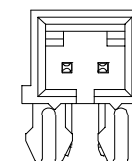
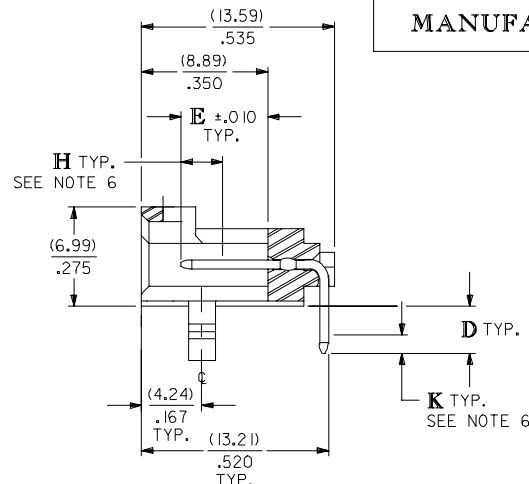
PLATING CODES:

- TIN - .000150 MINIMUM TIN PLATE
OVER .000050 MINIMUM NICKEL PLATE.
- 15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA,
.000075 MINIMUM TIN PLATE IN SELECT AREA,
OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA,
.000075 MINIMUM TIN PLATE IN SELECT AREA,
OVER .000050 MINIMUM NICKEL PLATE OVERALL.

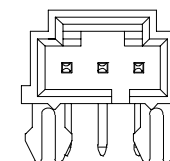


ALTERNATIVE CORING MANUFACTURER'S OPTION

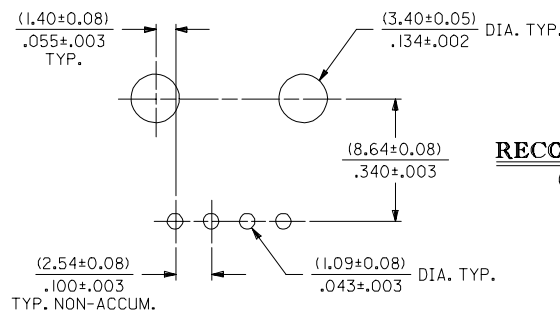
CKT. SIZE	DIM. "A"		DIM. "B"	
	MM	IN.	MM	IN.
2	2.54	.100	5.33	.210
3	5.08	.200	8.13	.320
4	7.62	.300	10.67	.420
5	10.16	.400	13.21	.520
6	12.70	.500	15.75	.620
7	15.24	.600	18.29	.720
8	17.78	.700	20.83	.820
9	20.32	.800	23.37	.920
10	22.86	.900	25.91	1.020
11	25.40	1.000	28.45	1.120
12	27.94	1.100	30.99	1.220
13	30.48	1.200	33.53	1.320
14	33.02	1.300	36.07	1.420
15	35.56	1.400	38.61	1.520
16	38.10	1.500	41.15	1.620
17	40.64	1.600	43.69	1.720
18	43.18	1.700	46.23	1.820
19	45.72	1.800	48.77	1.920
20	48.26	1.900	51.31	2.020
21	50.80	2.000	53.85	2.120
22	53.34	2.100	56.39	2.220
23	55.88	2.200	58.93	2.320
24	58.42	2.300	61.47	2.420
25	60.96	2.400	64.01	2.520



2 CIRCUIT



3 CIRCUIT

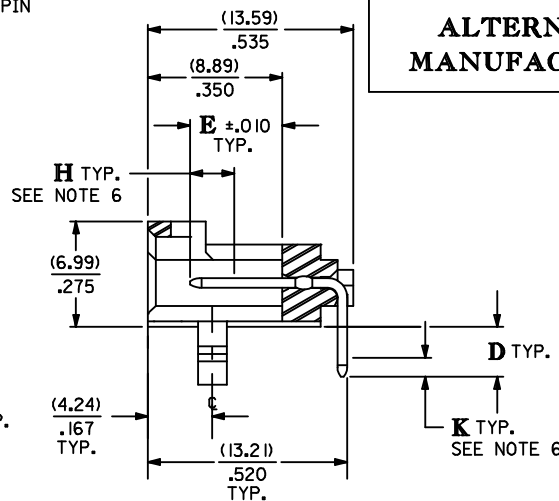
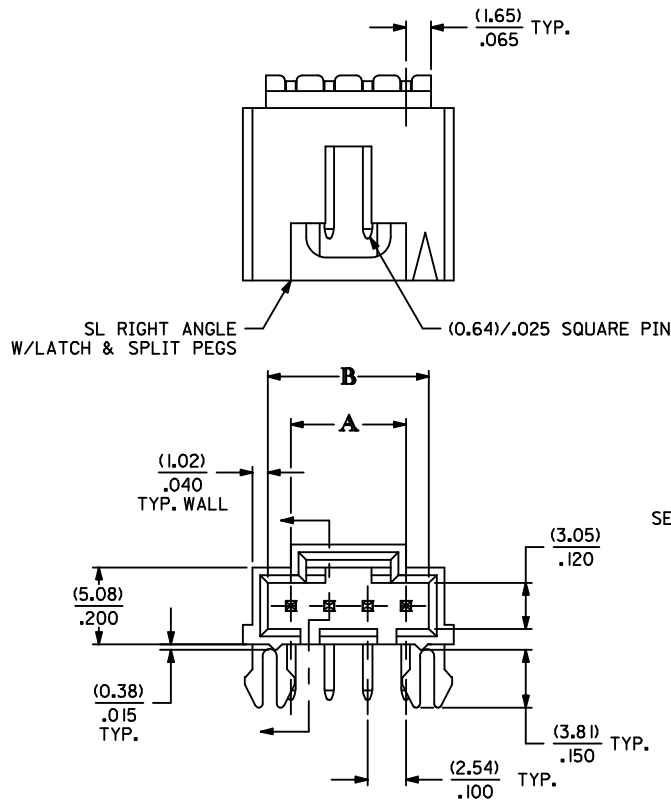


RECOMMENDED P.C. BOARD LAYOUT

(FOR USE WITH (.157)/.062 THICK BOARD)

2	B
1	B
SHT	REV

ADD LEAD FREE # S EC NO: UCP2006-0816 DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV	QUALITY SYMBOLS =0 =0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	SALES ASSY, SL RIGHT ANGLE HEADER W/LATCH AND SPLIT PEGS (2.54)/.100 MOLEX INCORPORATED				
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DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
DRAWN BY: BARRA 2005/12/01 CHKD BY: JORGAN 2005/12/08 APPR: SMILLER 2005/12/09 REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:								



ALTERNATIVE CORING MANUFACTURER'S OPTION

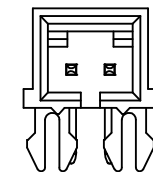
CKT. SIZE	DIM. "A"		DIM. "B"		DIM. "C"	
	MM	IN.	MM	IN.	MM	IN.
2	2.54	.100	5.33	.210	5.08	.200
3	5.08	.200	8.13	.320	7.62	.300
4	7.62	.300	10.67	.420	10.16	.400
5	10.16	.400	13.21	.520	12.70	.500
6	12.70	.500	15.75	.620	15.24	.600
7	15.24	.600	18.29	.720	17.78	.700
8	17.78	.700	20.83	.820	20.32	.800
9	20.32	.800	23.37	.920	22.86	.900
10	22.86	.900	25.91	1.020	25.4	1.000
11	25.40	1.000	28.45	1.120	27.94	1.100
12	27.94	1.100	30.99	1.220	30.48	1.200
13	30.48	1.200	33.53	1.320	33.02	1.300
14	33.02	1.300	36.07	1.420	35.56	1.400
15	35.56	1.400	38.61	1.520	38.10	1.500
16	38.10	1.500	41.15	1.620	40.64	1.600
17	40.64	1.600	43.69	1.720	43.18	1.700
18	43.18	1.700	46.23	1.820	45.72	1.800
19	45.72	1.800	48.77	1.920	48.26	1.900
20	48.26	1.900	51.31	2.020	50.80	2.000
21	50.80	2.000	53.85	2.120	53.34	2.100
22	53.34	2.100	56.39	2.220	55.88	2.200
23	55.88	2.200	58.93	2.320	58.42	2.300
24	58.42	2.300	61.47	2.420	60.96	2.400
25	60.96	2.400	64.01	2.520	63.50	2.500

NOTES:

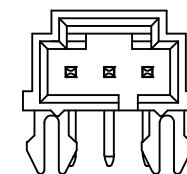
1. MATERIAL:
HOUSING: GLASS FILLED POLYESTER; UL94V-0
COLOR: BLACK
PIN MATERIAL: PHOSPHOR BRONZE
2. HEADER TO BE USED WITH OPTION "G" 70400 AND 70430 SERIES SL CONNECTORS
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541
4. STANDARD PACKAGING PER PK-70873-0015
5. DIMENSIONS WITHOUT TOLERANCE ARE SHOWN FOR REFERENCE ONLY
6. MEASURE POINT FOR PLATING THICKNESS

PLATING CODES:

- TIN - 3.81 MICROMETERS/15 MICROINCHES MINIMUM BRIGHT TIN PLATE
OVER 1.27 MICROMETERS/50 MICROINCHES MINIMUM NICKEL PLATE
- 15 GOLD - 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA
1.91 MICROMETERS/75 MICROINCHES MINIMUM MATTE TIN PLATE IN SELECT AREA
OVER 1.27 MICROMETERS/50 MICROINCHES MINIMUM NICKEL PLATE OVERALL
- 30 GOLD - 0.76 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA
1.91 MICROMETERS/75 MICROINCHES MINIMUM MATTE TIN PLATE IN SELECT AREA
OVER 1.27 MICROMETERS/50 MICROINCHES MINIMUM NICKEL PLATE OVERALL



2 CIRCUIT



3 CIRCUIT

RECOMMENDED P.C. BOARD LAYOUT

(FOR USE WITH (1.57)±.062 THICK BOARD)

MODIFY PCB LAYOUT EC NO: UCP2009-1569 DRAWN BY: CHWANGSIBARRA 2009/01/19 CHKD BY: MORGAN 2009/01/19 APPR: SKILLER 2009/01/20	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY	DATE	SL RIGHT ANGLE HEADER W/LATCH & SPLIT PEGS (2.54)±.100 CENTERS MOLEX INCORPORATED SDA-70551-****					
			4 PLACES	± ---	± ---	AAB	1993/05/13						
			3 PLACES	± ---	± .005	CHECKED BY	DATE						
			2 PLACES	± 0.13	± .010	AAB	1993/05/13						
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE	MOLEX INCORPORATED					
			ANGULAR ±1/2°			WAZ	1993/05/13						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-70551-****		SHEET NO. 1 OF 2			
						SIZE	C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

13		12		11		10		9		8		7		6		5		4		3		2		1	
J	ENGINEERING NUMBER A-70551	MANUFACTURE RELEASE STATUS								D	E			CONNECTOR END PLATING				P.C. BOARD END PLATING							
														TYPE	H MEAS.			TYPE	K MEAS.						
	-0001-0024	R.F.M.								(3,30) .130	(6,10) .240			TIN	(2,54) .100			TIN	(1,27) .050						
	-0036-0059	R.F.M.								(3,30) .130	(6,10) .240			15 GOLD	(2,54) .100			TIN	(1,27) .050						
I	-0071-0094	R.F.M.								(3,30) .130	(6,10) .240			30 GOLD	(2,54) .100			TIN	(1,27) .050						
H																									
G	CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER
	02	705-51-0001	705-51-0036	705-51-0071																					
	03	705-51-0002	705-51-0037	705-51-0072																					
	04	705-51-0003	705-51-0038	705-51-0073																					
	05	705-51-0004	705-51-0039	705-51-0074																					
	06	705-51-0005	705-51-0040	705-51-0075																					
F	07	705-51-0006	705-51-0041	705-51-0076																					
	08	705-51-0007	705-51-0042	705-51-0077																					
	09	705-51-0008	705-51-0043	705-51-0078																					
	10	705-51-0009	705-51-0044	705-51-0079																					
	11	705-51-0010	705-51-0045	705-51-0080																					
	12	705-51-0011	705-51-0046	705-51-0081																					
E	13	705-51-0012	705-51-0047	705-51-0082																					
	14	705-51-0013	705-51-0048	705-51-0083																					
	15	705-51-0014	705-51-0049	705-51-0084																					
	16	705-51-0015	705-51-0050	705-51-0085																					
	17	705-51-0016	705-51-0051	705-51-0086																					
	18	705-51-0017	705-51-0052	705-51-0087																					
	19	705-51-0018	705-51-0053	705-51-0088																					
D	20	705-51-0019	705-51-0054	705-51-0089																					
	21	705-51-0020	705-51-0055	705-51-0090																					
	22	705-51-0021	705-51-0056	705-51-0091																					
	23	705-51-0022	705-51-0057	705-51-0092																					
	24	705-51-0023	705-51-0058	705-51-0093																					
	25	705-51-0024	705-51-0059	705-51-0094																					
C																									
B																									
A																									
tb_frame_C_P_AM_T Rev. E 2006/04/15		12	11	10	9	8	7	6	5	4	3	2	1												

SEE SHEET 1 EC NO: UCP2009-1569 2009/01/19 DRWN:MSI BARRA CHKD:DMORGAN 2009/01/19 APPR:SMILLER 2009/01/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
	 		mm	INCH	DRAWN BY	DATE	SL RIGHT ANGLE HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS  MOLEX INCORPORATED			
		4 PLACES	± .010	± .005	AAB	1993/05/13				
		3 PLACES	± .010	± .005	AAB	1993/05/13				
			2 PLACES	± 0.13	± .010	AAB	1993/05/13	DOCUMENT NO. SDA-70551-**** SHEET NO. 2 OF 2		
	1 PLACE	± 0.25	± .010	WAZ	1993/05/13					
		ANGULAR ± 1/2°		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

SEE SHEET 1

EC NO: UCP2009-1569

2009/01/19

DRWN:MSI BARRA

2009/01/19

CHKD:DMORGAN

2009/01/19

APPR:SMILLER

2009/01/20

REV

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± .---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

DOCUMENT NO.

SHEET NO.

SCALE

4:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

SL RIGHT ANGLE HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS

MOLEX INCORPORATED

SDA-70551-****

2 OF 2

SIZE

C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION