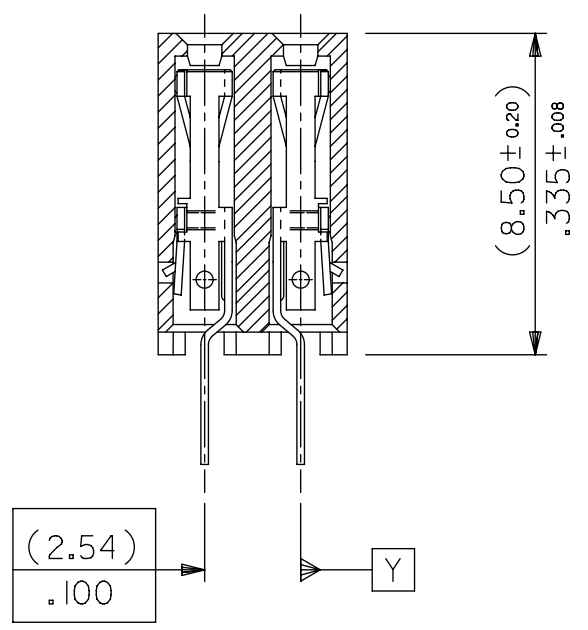
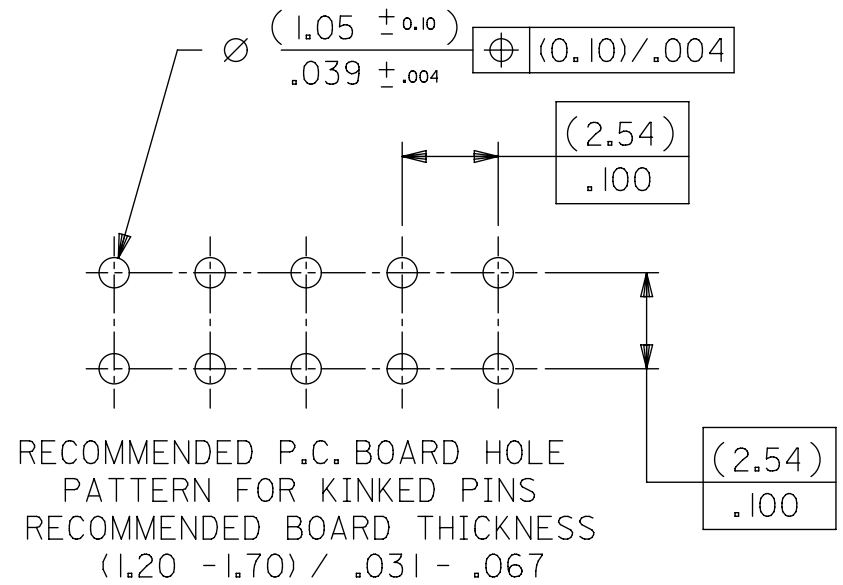
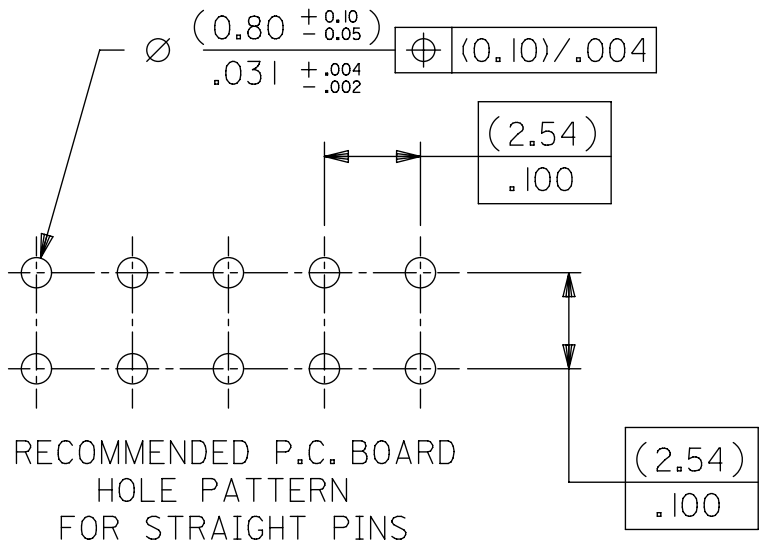
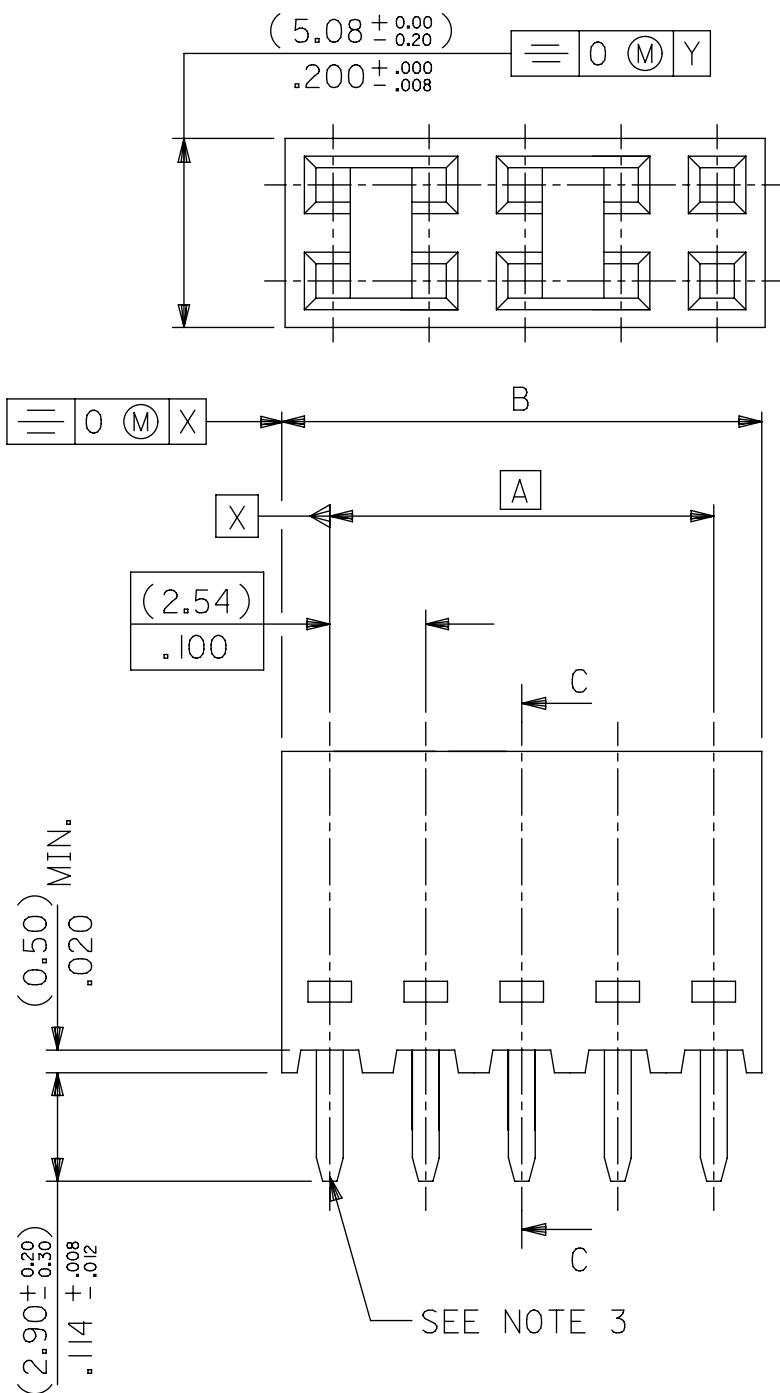
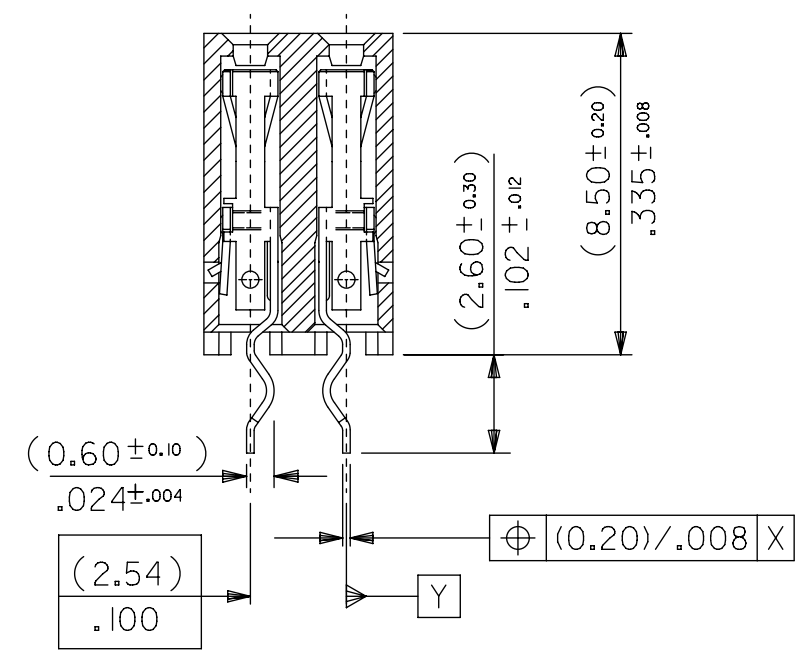




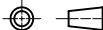
SECTION C-C



SECTION C-C

- NOTES
- 1) CONTACT-PLATED PHOSPHOR BRONZE.
 - 2) HOUSING-15% GLASS FILLED POLYESTER. COLOUR-BLACK.
 - 3) COMPATIBLE WITH PCB HOLE PATTERN.
 - 4) FOR (0.635)/.025 SQ. MALE PINS THE LENGTH MUST BE (5.65)/.222 MIN & (7.00)/.276 MAX. TO ENSURE GOOD CONNECTION WITH CONTACT.

6	AF
5	AD
4	AD
3	AD
2	AG
1	AH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED				molex C-GRID III DUAL ROW VERTICAL P.C. BOARD CONNECTOR						
mm		1:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
	MM		INCH											
4 PLACES		±		±	EC NO: 615440				2019/04/10 2019/04/12 2019/04/12					
3 PLACES		±		±	DRWN: MKP									
2 PLACES		±	0.05	±	CHK'D: NMANE02									
1 PLACE		±	0.1	±	APPR: MRAMAKRISHNA				PRODUCT CUSTOMER DRAWING					
0 PLACES		±		±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
		±			DRWN: DB				SDA-90151		PSD	001	AJ	
		±			21/07/86									
ANGULAR TOL				±	°		APPR:							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						A3-SIZE		90151		SEE TABLE		GENERAL MARKET		1 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/12	12:54:09
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F

PART NO.

SEE CHART

SDA-90151

DWG. NO.

E

D

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B

A

90151-XXYY

INDICATES NO. OF CIRCUITS.

SEE CHART

PLATING CODE.

1 = VERSION A.

2 = VERSION E.

3 = VERSION F.

4 = VERSION N.

5 = VERSION G.

DOCUMENT STATUS

P1

RELEASE DATE

2019/04/12

12:54:09

PART NO.

SEE CHART

SDA-90151

DWG. NO.

E

D

C

B

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90151-XXYY

INDICATES NO. OF CIRCUITS.

SEE CHART

PLATING CODE.

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DOCUMENT STATUS

P1

RELEASE DATE

2019/04/12

12:54:09

PART NO.

SEE CHART

SDA-90151

DWG. NO.

E

D

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B

A

90151-XXYY

INDICATES NO. OF CIRCUITS.

SEE CHART

PLATING CODE.

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5 = VERSION G.

DOCUMENT STATUS

P1

RELEASE DATE

2019/04/12

12:54:09

PART NO. STRAIGHT PINS	PART NO. KINKED PINS	NO.OF CKTS.	DIM." A"	DIM." B" (^{+0.00} _{-0.30})(^{+0.000} _{-.012})	QTY. PER TUBE
90151-2X04	90151-3X04	4	(2.54) .100	(5.08) .200	105
↑↑ 06	↑↑ 06	6	(5.08) .200	(7.62) .300	72
↑ 08	↑ 08	8	(7.62) .300	(10.16) .400	52
↑ 10	↑ 10	10	(10.16) .400	(12.70) .500	44
↑ 12	↑ 12	12	(12.70) .500	(15.24) .600	36
↑ 14	↑ 14	14	(15.24) .600	(17.78) .700	30
↑ 16	↑ 16	16	(17.78) .700	(20.32) .800	26
↑ 18	↑ 18	18	(20.32) .800	(22.86) .900	24
↑ 20	↑ 20	20	(22.86) .900	(25.40) 1.000	22
↑ 22	↑ 22	22	(25.40) 1.000	(27.94) 1.100	20
↑ 24	↑ 24	24	(27.94) 1.100	(30.48) 1.200	18
↑ 26	↑ 26	26	(30.48) 1.200	(33.02) 1.300	16
↑ 28	↑ 28	28	(33.02) 1.300	(35.56) 1.400	14
↑ 30	↑ 30	30	(35.56) 1.400	(38.10) 1.500	14
↑ 32	↑ 32	32	(38.10) 1.500	(40.64) 1.600	13
↑ 34	↑ 34	34	(40.64) 1.600	(43.18) 1.700	12
↑ 36	↑ 36	36	(43.18) 1.700	(45.72) 1.800	12
↑ 38	↑ 38	38	(45.72) 1.800	(48.26) 1.900	11
↑ 40	↑ 40	40	(48.26) 1.900	(50.80) 2.000	11
↑ 42	↑ 42	42	(50.80) 2.000	(53.34) 2.100	11
↑ 44	↑ 44	44	(53.34) 2.100	(55.88) 2.200	10
↑ 46	↑ 46	46	(55.88) 2.200	(58.42) 2.300	10
↑ 48	↑ 48	48	(58.42) 2.300	(60.96) 2.400	9
↑ 50	↑ 50	50	(60.96) 2.400	(63.50) 2.500	8
↑ 52	↑ 52	52	(63.50) 2.500	(66.04) 2.600	8
↑ 54	↑ 54	54	(66.04) 2.600	(68.58) 2.700	8
↑ 56	↑ 56	56	(68.58) 2.700	(71.12) 2.800	7
↑ 58	↑ 58	58	(71.12) 2.800	(73.66) 2.900	7
↑ 60	↑ 60	60	(73.66) 2.900	(76.20) 3.000	7
↓ 62	↓ 62	62	(76.20) 3.000	(78.74) 3.100	7
90151-2X64	90151-3X64	64	(78.74) 3.100	(81.28) 3.200	6

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DOCUMENT STATUS

P1

RELEASE DATE

2019/04/12

12:54:09

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F

PART NO.

SEE CHART

SDA-90151

DWG. NO.

E

D

C

B

A

90151-XXYY

INDICATES NO. OF CIRCUITS.

SEE CHART

PLATING CODE.

1 = VERSION A.

2 = VERSION E.

3 = VERSION F.

4 = VERSION N.

5 = VERSION G.

DOCUMENT STATUS

P1

RELEASE DATE

2019/04/12

12:54:09

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

0.05

±

1 PLACE

±

0.1

±

0 PLACES

±

±

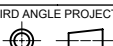
ANGULAR TOL

±

°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

90151

CURRENT REV DESC: MIGRATED

EC NO: 615440

DRWN: MKP

CHK'D: NMANE02

APPR: MRAMAKRISHNA

2019/04/10

2019/04/12

2019/04/12

INITIAL REVISION:

DRWN: DB

APPR:

21/07/86

DOCUMENT NUMBER

SDA-90151

DOC TYPE

PSD

DOC PART

001

REVISION

AJ

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-90151

DOC TYPE

PSD

DOC PART

001

REVISION

AJ

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 6

PLATING VERSION A

PRE-PLATED HOT DIP TIN

1.0 TO 2.5 um (.000040" TO .000100").

PLATING VERSION E

1.27 TO 1.78 um (.000050" TO .000070") NICKEL

OVERALL, 0.38 TO 0.64 um (.000015" TO .000025")

GOLD ON CONTACT AREA (OVER NICKEL).

3 TO 5 um (.000120" TO .000200") TIN

ON SOLDER TAILS (OVER NICKEL).

PLATING VERSION F.

1.27 TO 1.78 um (.000050" TO .000070") NICKEL

OVERALL, 0.76 TO 1.0 um (.000030" TO .000040")

GOLD ON CONTACT AREA (OVER NICKEL).

3 TO 5 um (.000120" TO .000200") TIN

ON SOLDER TAILS (OVER NICKEL).

PLATING VERSION G.

1.27 TO 1.78 um (.000050" TO .000070") NICKEL

OVERALL, 0.125 um MIN. (.000005" MIN.)

GOLD FLASH

ON CONTACT AREA (OVER NICKEL).

3 TO 5 um (.000120" TO .000200") TIN

ON SOLDER TAILS (OVER NICKEL).

PLATING VERSION N.

1.27 TO 1.78 um (.000050" TO .000070") NICKEL

OVERALL, 0.76 TO 2.6 um (.000030" TO .000100")

GOLD ON CONTACT AREA (OVER NICKEL).

4 um (.000120") MINIMUM TIN

ON SOLDER TAILS (OVER NICKEL).

STANDARD PRODUCTS

SEE CHART

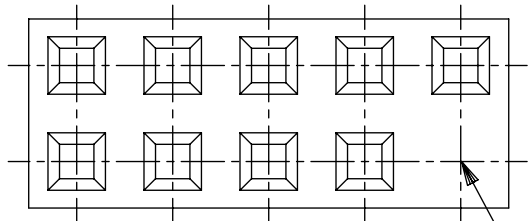
SDA-90151

90151-XXYY

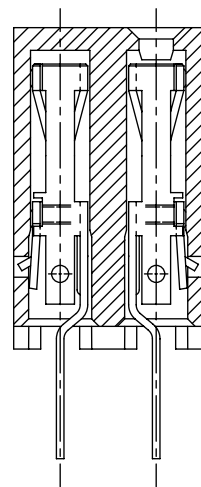
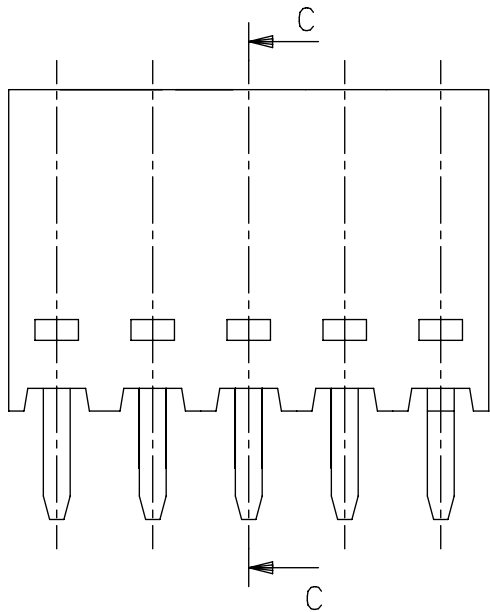
INDICATES NO. OF CIRCUITS.

PLATING CODE.

- 41 = VERSION A.
- 42 = VERSION E.
- 43 = VERSION N.
- 44 = VERSION F.



TYPICAL POSITION
VOID



SECTION C-C

PART NUMBER	CKT. SIZE	PIN VOID	QTY. PER TUBE
90151-4424	2 X 12	5	36
90151-4114	2 X 7	1,13.	55
90151-4340	2 X 20	2,4,6,8,12,13,15,16,23 24,26,27,28,30,33, 34,35,36,37,38,40.	11
90151-4322	2 X 11	1,4,5,6,7,8,9,10,11,14 15,16,17,18,19,20,21.	20
90151-4206	2 X 3	3,4	72
90151-4420	2 x 10	1	22

NOTES

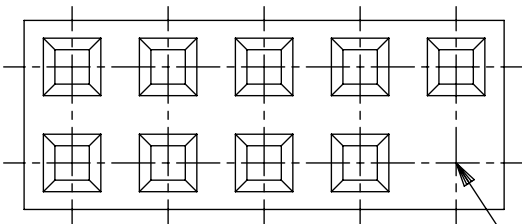
- 1) FOR DIMENSIONS SEE SHEET 1.
- 2) FOR PLATING CODE DEFINITIONS SEE SHEET 2.

NON-STANDARD PRODUCTS

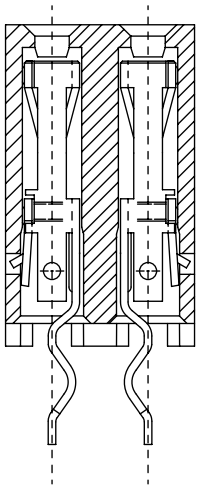
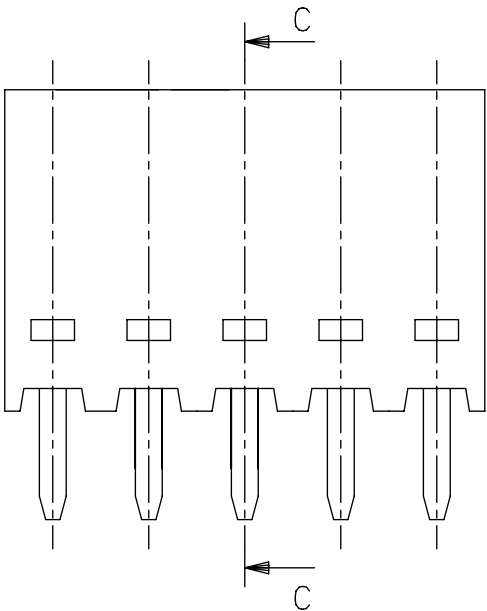
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED				molex		
mm		1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 615440 DRWN: MKP 2019/04/10 CHK'D: NMANE02 2019/04/12 APPR: MRAMAKRISHNA 2019/04/12				C-GRID III DUAL ROW VERTICAL P.C. BOARD CONNECTOR		
		MM	INCH							
4 PLACES	±		±	INITIAL REVISION: DRWN: DB 21/07/86 APPR:				PRODUCT CUSTOMER DRAWING		
3 PLACES	±		±							
2 PLACES	±	0.05	±	DOCUMENT NUMBER SDA-90151				DOC TYPE PSD		
1 PLACE	±	0.1	±							
0 PLACES	±		±	SHEET NUMBER 3 OF 6				REVISION AJ		
ANGULAR TOL		±	°							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	
						A3-SIZE	90151	SEE TABLE	GENERAL MARKET	

PART NO.
SEE CHART

DWG. NO.
SDA-90151



TYPICAL VOID SHOWN



SECTION C-C

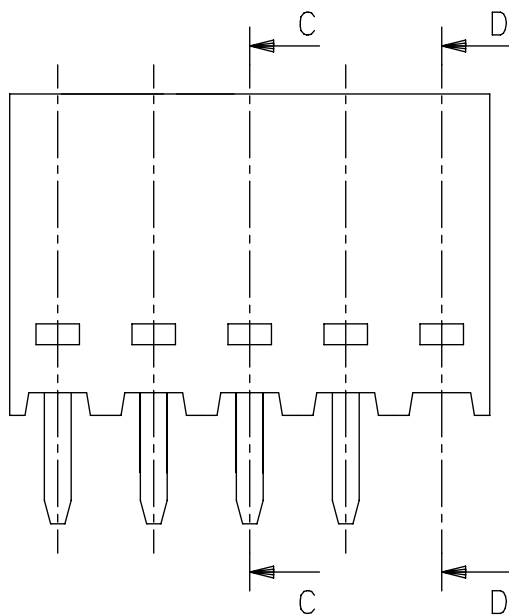
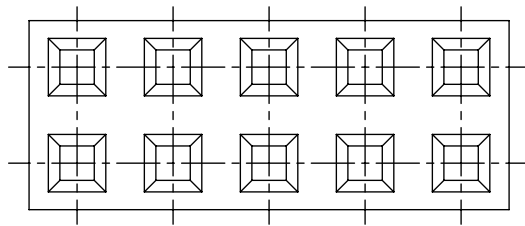
PART NO.	CKT SIZE	CONTACT VOIDS	MOULDING COLOUR	PLATING TYPE	QTY. PER TUBE
90151-9216	2 X 8	1, 2, 15, 16	WHITE	E	26

NOTES

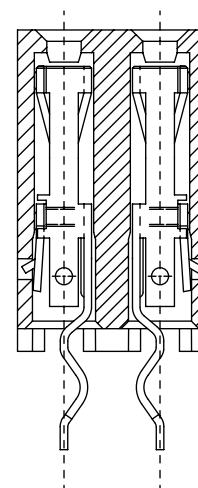
1) FOR ALL UNSTATED NOTES AND DIMENSIONS
SEE SHEET 1.

NON STANDARD PRODUCTS

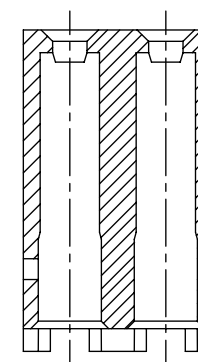
DWG. NO. SDA-90151



PART NO.	CKT SIZE	CONTACT VOID POSITIONS	MOULDING COLOUR	PLATING TYPE	QTY. PER TUBE
90151-8164	2 X32	1, 2, 63, 64	BLACK	E	12
90151-8138	2 X19	1, 2, 37, 38	BLACK	E	22
90151-8124	2 X12	1, 2, 23, 24	BLACK	E	18
90151-8114	2 X 7	1, 2, 13, 14	BLACK	E	73



SECTION C-C
(LOADED CONTACTS)

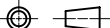


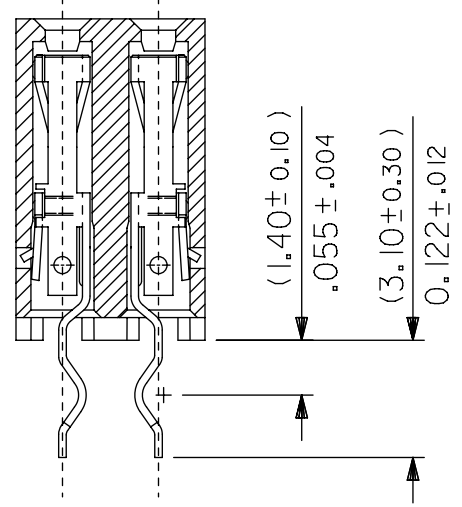
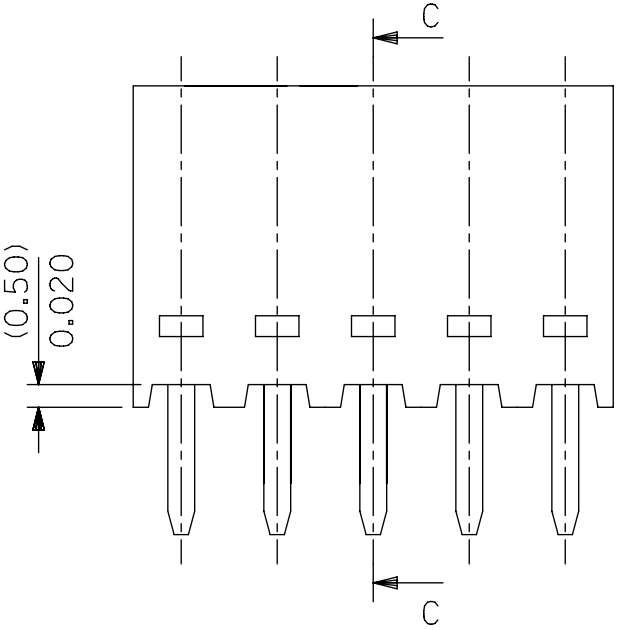
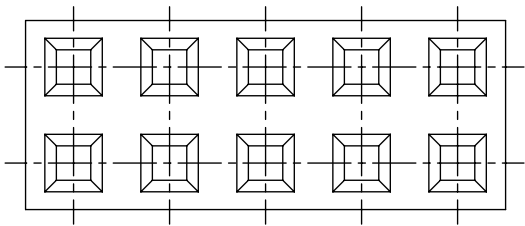
SECTION D-D
(CONTACTS REMOVED FOR
VOID POSITIONS)

NOTES

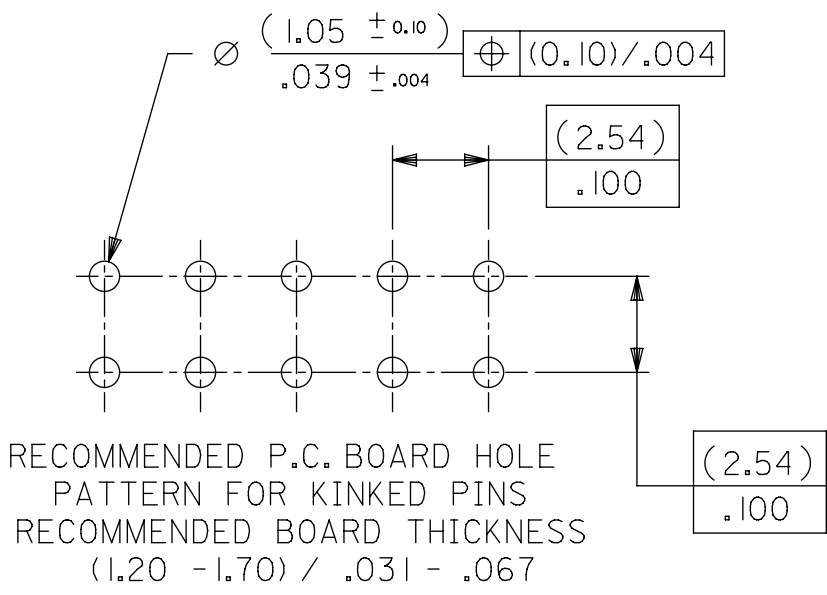
1) FOR ALL UNSTATED NOTES AND DIMENSIONS
SEE SHEET 1.

NON STANDARD PRODUCTS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED				molex					
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 615440 DRWN: MKP2019/04/10 CHK'D: NMANE022019/04/12 APPR: MRAMAKRISHNA2019/04/12				C-GRID III DUAL ROW VERTICAL P.C. BOARD CONNECTOR					
													MM
4 PLACES	±	±											
3 PLACES	±	±											
2 PLACES	±	0.05	±										
1 PLACE	±	0.1	±										
0 PLACES	±	±											
ANGULAR TOL ± °				INITIAL REVISION: DRWN: DB21/07/86 APPR:				DOCUMENT NUMBER SDA-90151		DOC TYPE PSD	DOC PART 001	REVISION AJ	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION 				DRAWING A3-SIZE		SERIES 90151		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 6	



SECTION C-C



PART No.	CKT SIZE	MOULDING COLOUR	QUANTITY PER TUBE	PLATING VERSION
90151-5238	38	BLACK	11	E

NOTES

1) FOR ALL UNSTATED NOTES AND DIMENSIONS SEE SHEET 1.

NON STANDARD PRODUCT

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DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: MIGRATED			molex						
GENERAL TOLERANCES (UNLESS SPECIFIED)													
		MM	INCH	EC NO: 615440 DRWN: MKP 2019/04/10 CHK'D: NMANE02 2019/04/12 APPR: MRAMAKRISHNA 2019/04/12			C-GRID III DUAL ROW VERTICAL P.C. BOARD CONNECTOR						
4 PLACES	±		±										
3 PLACES	±		±										
2 PLACES	±	0.05	±										
1 PLACE	±	0.1	±										
0 PLACES	±		±	INITIAL REVISION: DRWN: DB 21/07/86 APPR:			DOCUMENT NUMBER SDA-90151			DOC TYPE PSD	DOC PART 001	REVISION AJ	
ANGULAR TOL ± °							PRODUCT CUSTOMER DRAWING						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE	SERIES 90151	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 6 OF 6	