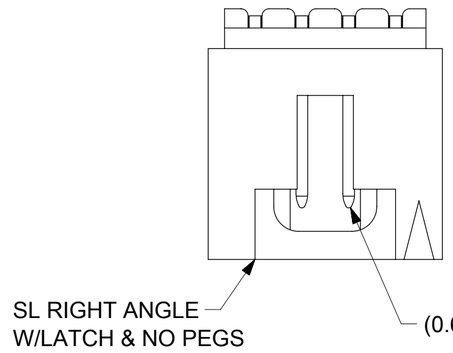
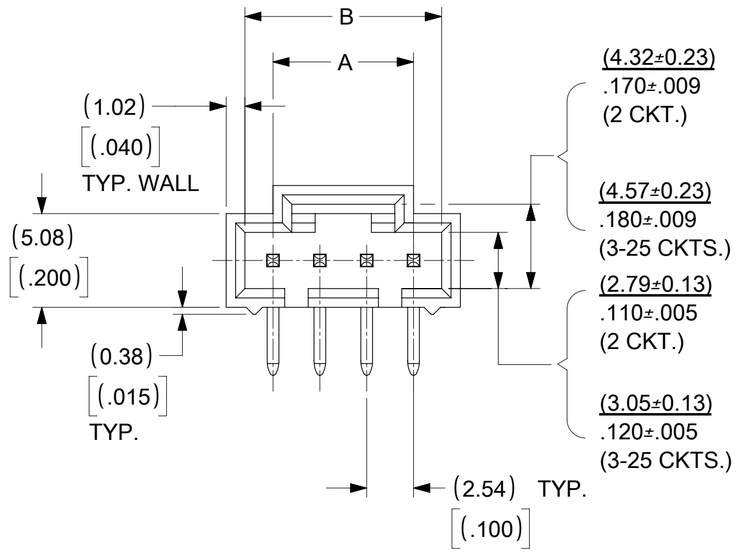
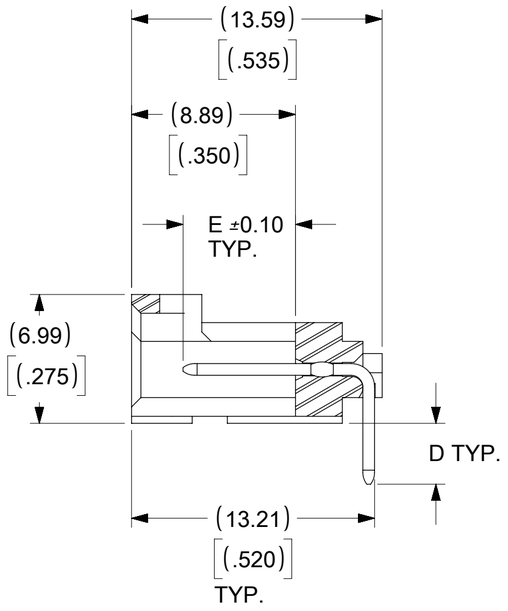
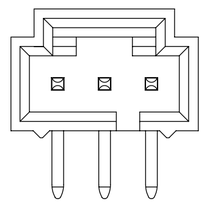
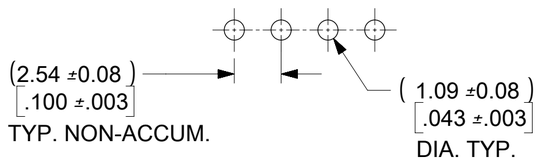
CKT. SIZE	DIM. "A"		DIM. "B"	
	MM	IN.	MM	IN.
2	2.54	.100	5.33	.210
3	5.08	.200	8.13	.320
4	7.62	.300	10.67	.420
5	10.16	.400	13.21	.520
6	12.70	.500	15.75	.620
7	15.24	.600	18.29	.720
8	17.78	.700	20.83	.820
9	20.32	.800	23.37	.920
10	22.86	.900	25.91	1.020
11	25.40	1.000	28.45	1.120
12	27.94	1.100	30.99	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



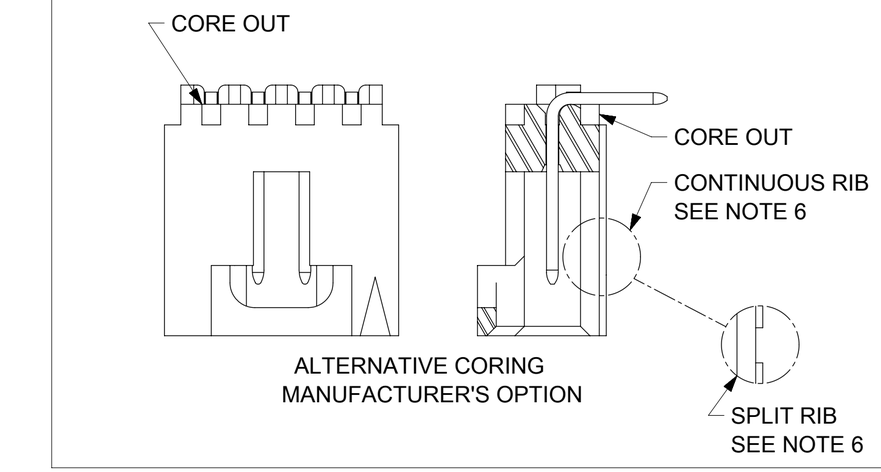








RECOMMENDED PC BOARD LAYOUT
(FOR USE WITH (1.57)/.062 THICK BOARD)



NOTES:
1. HEADER MATERIAL: GLASS FILLED POLYESTER;
   UL 94V-0, COLOR: BLACK
   PIN MATERIAL: PHOSPHOR BRONZE
2. FINISH:
   TIN: 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN PLATE OVERALL
   OVER NICKEL UNDERPLATE OVERALL
   15 GOLD: 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN CONTACT AREA
   1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN TAIL AREA
   OVER NICKEL UNDERPLATE OVERALL
   30 GOLD: 0.76 MICROMETERS/30 MICROINCHES MINIMUM GOLD PLATE IN CONTACT AREA
   1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN TAIL AREA
   OVER NICKEL UNDERPLATE OVERALL
3. HEADER TO BE USED WITH OPTION "G" 70400 AND 70430
   SERIES SL CONNECTORS
4. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541 & PS-70400
5. STANDARD PACKAGING IN TUBES PER PK-70873-0015 OR
   OPTIONAL PACKAGING IN BAGS PER PK-70873-0535.
   OPTION PACK NOT AVAILABLE FOR ALL CKT SIZES.
6. ALTERNATIVE RIB, MAY BE SPILT OR CONTINUOUS. EITHER OPTION DOES NOT IMPACT
   FUNCTION OF THE ASSEMBLY.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: MM/IN	SCALE: 4:1	CURRENT REV DESC: MIGRATED TO NX	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)			SALES ASSY, SL RIGHT ANGLE HDR W/LATCH (2.54)/.100 CENTERS
	MM / INCH	EC NO: 617172	
4 PLACES	± / ±	DRWN: GGUNAGI 2019/05/08	PRODUCT CUSTOMER DRAWING
3 PLACES	± / ± 0.005	CHK'D: GJEEVANSURES 2019/05/14	
2 PLACES	± 0.13 / ± 0.01	APPR: ISHWARG 2019/05/14	DOCUMENT NUMBER: SDA-70553-XXXX; DOC TYPE: PSD; DOC PART: 001; REVISION: M
1 PLACE	± 0.25 / ±	INITIAL REVISION:	
0 PLACES	± / ±	DRWN: AAB 1993/05/13	
ANGULAR TOL	± 0.5 °	APPR: WAZ 1993/05/13	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: C-SIZE; SERIES: 70553	MATERIAL NUMBER: SEE TABLE; CUSTOMER: GENERAL MARKET; SHEET NUMBER: 1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/05/14 13:29:29

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18

CIRCUIT SIZE	ENGINEERING NUMBER A-70553		D REF.	E ±.010	MATING AREA FINISH	PC TAIL AREA FINISH	SEE PACK INFORMATION DRAWING PK-70873
2-10	-0001-0009		(3.30) .130	(6.10) .240	15 GOLD	TIN	-0015 (TUBES)
11-25	-0010-0024		(3.30) .130	(6.10) .240	15 GOLD	TIN	-0015 (TUBES)
2-10	-0036-0044		(3.30) .130	(6.10) .240	TIN	TIN	-0015 (TUBES)
11-25	-0045-0059		(3.30) .130	(6.10) .240	TIN	TIN	-0015 (TUBES)
2-10	-0106-0114		(3.30) .130	(6.10) .240	30 GOLD	TIN	-0015 (TUBES)
11-25	-0115-0129		(3.30) .130	(6.10) .240	30 GOLD	TIN	-0015 (TUBES)
2-10	-0141-0149		(2.67) .105	(6.10) .240	15 GOLD	TIN	-0015 (TUBES)
11-25	-0150-0164		(2.67) .105	(6.10) .240	15 GOLD	TIN	-0015 (TUBES)
2-10							
11-25							

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER	
2		70553-0001		70553-0036		70553-0106		70553-0141				
3		70553-0002		70553-0037		70553-0107		70553-0142				
4		70553-0003		70553-0038		70553-0108		70553-0143				
5		70553-0004		70553-0039		70553-0109		70553-0144				
6		70553-0005		70553-0040		70553-0110		70553-0145				
7		70553-0006		70553-0041		70553-0111		70553-0146				
8		70553-0007		70553-0042		70553-0112		70553-0147				
9		70553-0008		70553-0043		70553-0113		70553-0148				
10		70553-0009		70553-0044		70553-0114		70553-0149				
11		70553-0010		70553-0045		70553-0115		70553-0150				
12		70553-0011		70553-0046		70553-0116		70553-0151				
13		70553-0012		70553-0047		70553-0117		70553-0152				
14		70553-0013		70553-0048		70553-0118		70553-0153				
15		70553-0014		70553-0049		70553-0119		70553-0154				
16		70553-0015		70553-0050		70553-0120		70553-0155				
17		70553-0016		70553-0051		70553-0121		70553-0156				
18		70553-0017		70553-0052		70553-01222		70553-0157				
19		70553-0018		70553-0053		70553-0123		70553-0158				
20		70553-0019		70553-0054		70553-0124		70553-0159				
21		70553-0020		70553-0055		70553-0125		70553-0160				
22		70553-0021		70553-0056		70553-0126		70553-0161				
23		70553-0022		70553-0057		70553-0127		70553-0162				
24		70553-0023		70553-0058		70553-0128		70553-0163				
25		70553-0024		70553-0059		70553-0129		70553-0164				

"X" IN COLUMN UNDER "ASSEMBLY ITEM NUMBER" HEADING DENOTES TOOLING NOT AVAILABLE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: MM/IN | SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.005
2 PLACES	± 0.13	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATED TO NX

EC NO: 617172
DRWN: GGUNAGI 2019/05/08
CHK'D: GJEEVANSURES 2019/05/14
APPR: ISHWARG 2019/05/14

INITIAL REVISION:
DRWN: AAB 1993/05/13
APPR: WAZ 1993/05/13

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 70553

molex

SALES ASSY, SL RIGHT ANGLE HDR W/LATCH (2.54)/.100 CENTERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SDA-70553-XXXX	PSD	001	M

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/05/14 13:29:29

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18

CIRCUIT SIZE	ENGINEERING NUMBER A-70553		D REF.	E ±.010	MATING AREA FINISH	PC TAIL AREA FINISH	SEE PACK INFORMATION DRAWING PK-70873
2-10	-5001-5009		(3.30) .130	(6.10) .240	15 GOLD	TIN	-0535(BAGS)
2-10	-5036-5044		(3.30) .130	(6.10) .240	TIN	TIN	-0535(BAGS)
2-10	-6001-6009		(3.30) .130	(6.10) .240	15 GOLD	TIN	-0535(BAGS)
2-10							

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER	
2	X	70553-5001		70553-0036								
3	X	70553-5002	X	70553-5037		70553-6002						
4	X	70553-5003		70553-5038								
5	X	70553-5004	X	70553-5039								
6	X	70553-5005	X	70553-5040								
7	X	70553-5006	X	70553-5041								
8	X	70553-5007	X	70553-5042								
9	X	70553-5008	X	70553-5043								
10	X	70553-5009	X	70553-5044								

"X" IN COLUMN UNDER "ASSEMBLY ITEM NUMBER" HEADING DENOTES TOOLING NOT AVAILABLE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
MM/IN	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.005
2 PLACES	± 0.13	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATED TO NX

EC NO: 617172

DRWN: GGUNAGI 2019/05/08

CHK'D: GJEEVANSURES 2019/05/14

APPR: ISHWARG 2019/05/14

INITIAL REVISION:

DRWN: AAB 1993/05/13

APPR: WAZ 1993/05/13

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 70553

molex

SALES ASSY, SL RIGHT ANGLE HDR W/LATCH (2.54)/.100 CENTERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SDA-70553-XXXX	PSD	001	M

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/05/14 13:29:29

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

447691602 0436802002 151660057 152670251 397730002 459705185 5046940301 0190690033 0436400901 152670357 190670071 190990009 760475001 0190700155 398800403 417920538 436803002 439151216 444280402 151670255 152660117 190690096 190990010 447642001 152670269 190730231 430451220 447641402 759001161 430450225