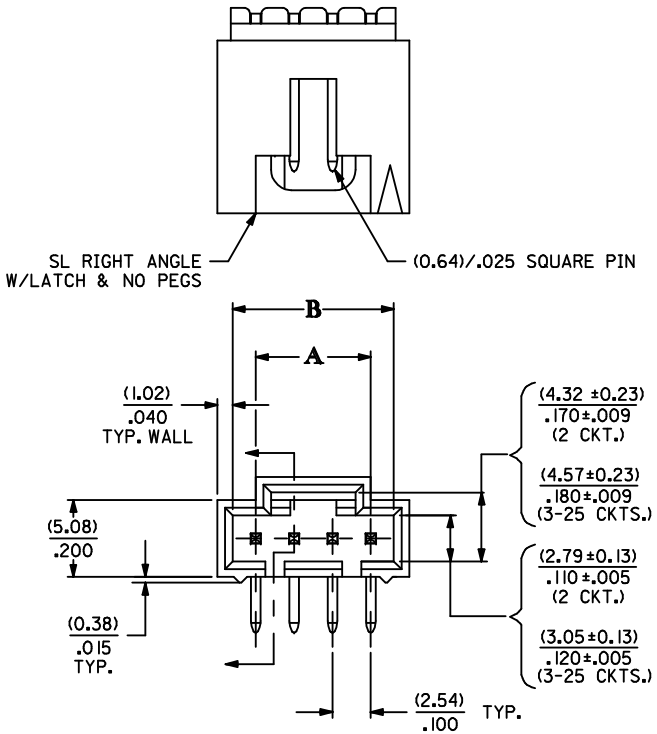
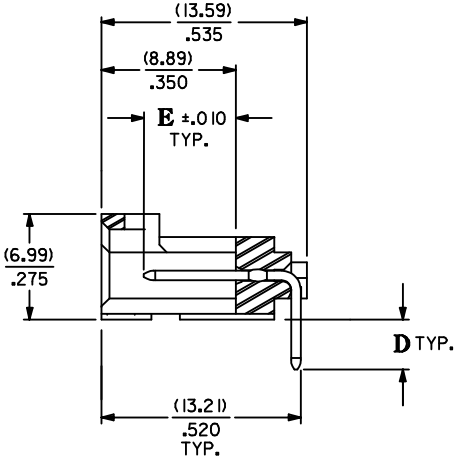
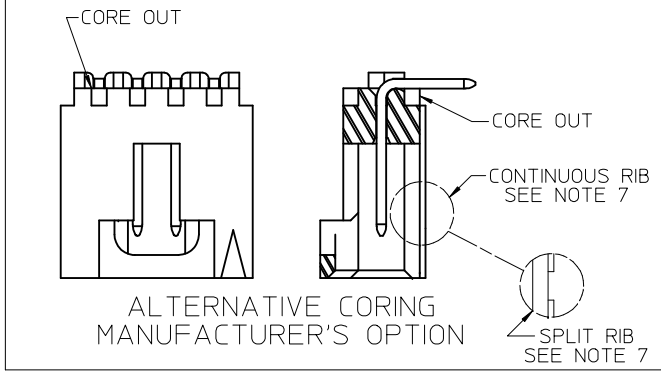
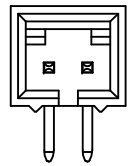


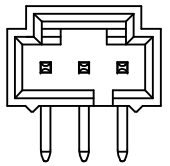




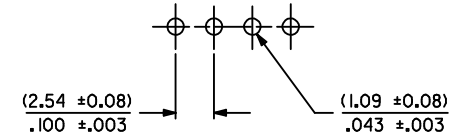
CKT. SIZE	DIM. "A" MM	DIM. "A" IN.	DIM. "B" MM	DIM. "B" IN.
2	2.54	.100	5.33	.210
3	5.08	.200	8.13	.320
4	7.62	.300	10.67	.420
5	10.16	.400	13.21	.520
6	12.70	.500	15.75	.620
7	15.24	.600	18.29	.720
8	17.78	.700	20.83	.820
9	20.32	.800	23.37	.920
10	22.86	.900	25.91	1.020
11	25.40	1.000	28.45	1.120
12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

REV	DESCRIPTION	
	REMOVE DIM HJK & REV. NOTE 6	2015/07/29
	EC NO: UCP2016-0427	2015/07/29
	DRWN:SVANG01	2016/02/19
	CH'KD:DMORGAN	
	APPR:SMILLER	

QUALITY SYMBOLS: E =0, F =0, P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM/IN
SCALE	4:1
DESIGN UNITS	INCH
	THIRD ANGLE PROJECTION
DRAWN BY	AAB
DATE	1993/05/13
CHECKED BY	AAB
DATE	1993/05/13
APPROVED BY	WAZ
DATE	1993/05/13
MATERIAL NO.	SEE TABLE
TITLE	SALES ASSY, SL RIGHT ANGLE HDR W/LATCH (2.54)/.100 CENTERS
DOCUMENT NO.	SDA-70553-****
SHEET NO.	1 OF 3
SIZE	C

molex

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

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	70553-0122	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

SEE SHEET 1
EC NO: UCP2016-0427
DRWN:SVANG01 2015/07/29
CH'KD:DMORGAN 2015/07/29
APPR:SMILLER 2016/02/19
DESCRIPTION
REV

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

	DRAWN BY	DATE
	AAB	1993/05/13
CHECKED BY	AAB	1993/05/13
APPROVED BY	WAZ	1993/05/13

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

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SDA-70553-****
SHEET NO.: 2 OF 3

SIZE: C

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

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		70553-5036								
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

SEE SHEET 1
EC NO: UCP2016-0427 2015/07/29
DRWN:SVANG01 2015/07/29
CH'KD:DMORGAN
APPR:SMILLER 2016/02/19
DESCRIPTION
REV

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	AAB	1993/05/13
CHECKED BY	AAB	1993/05/13
APPROVED BY	WAZ	1993/05/13

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

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SDA-70553-****
SHEET NO.: 3 OF 3
SIZE: C

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

Unikeyic Electronics

Global Electronic Components Distributor

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

molex:

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