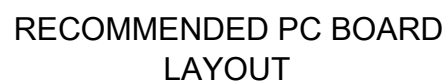
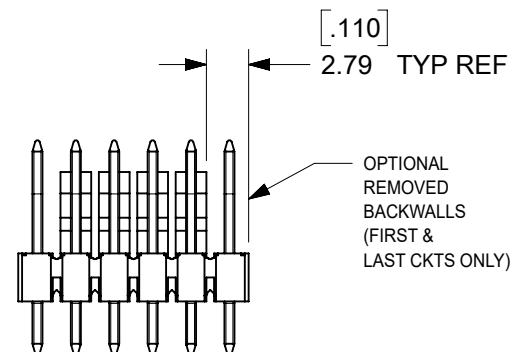
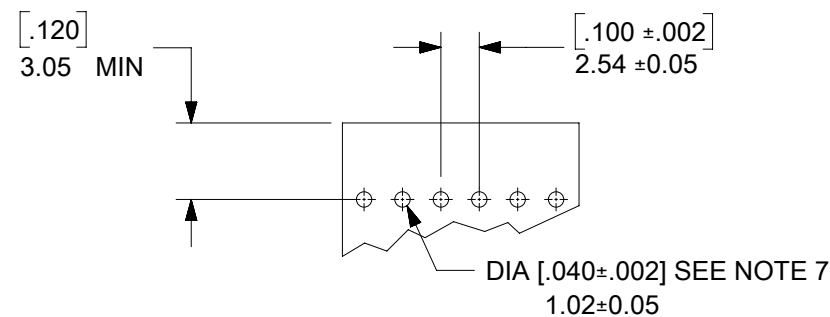
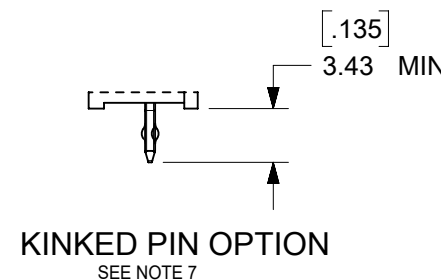
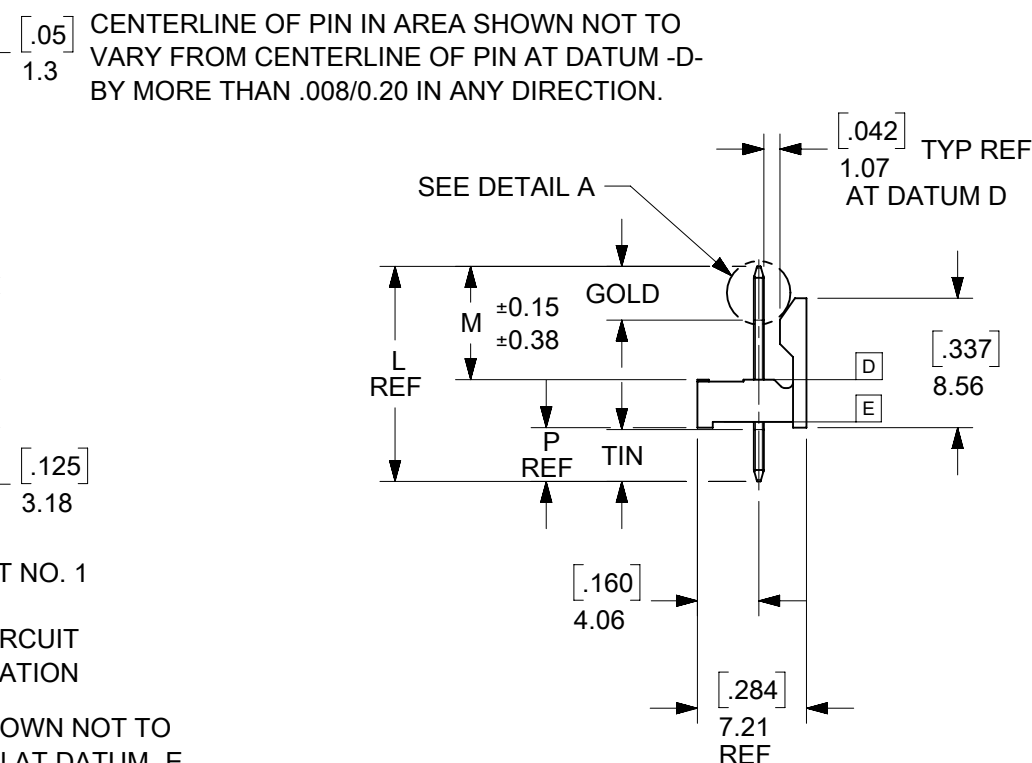
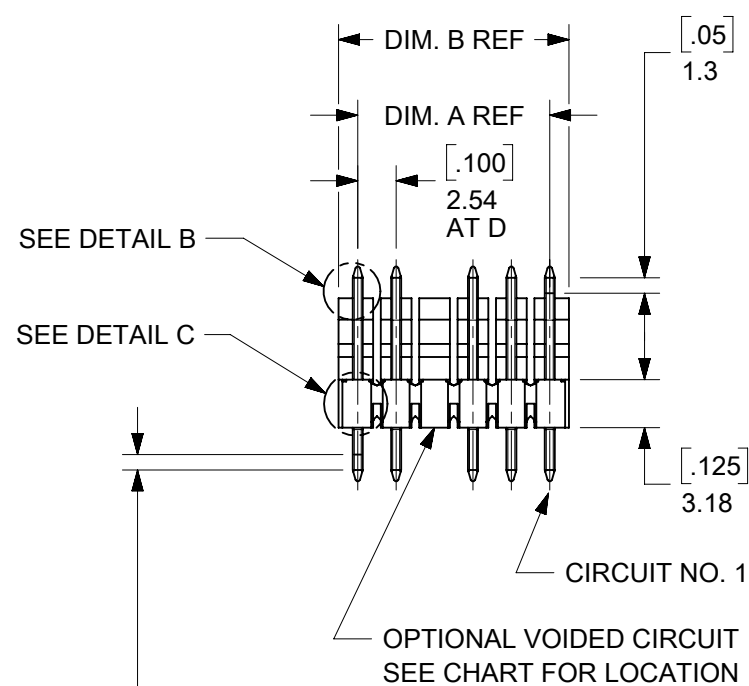
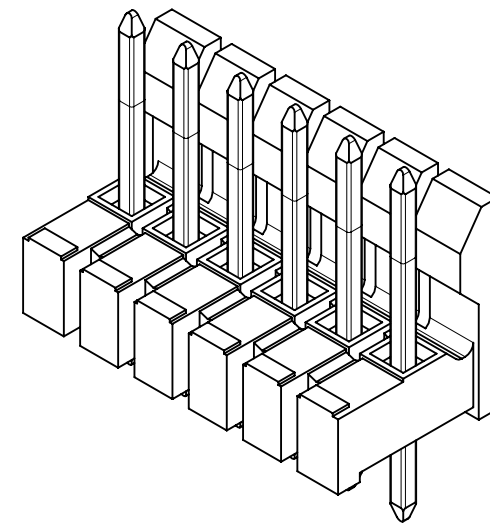
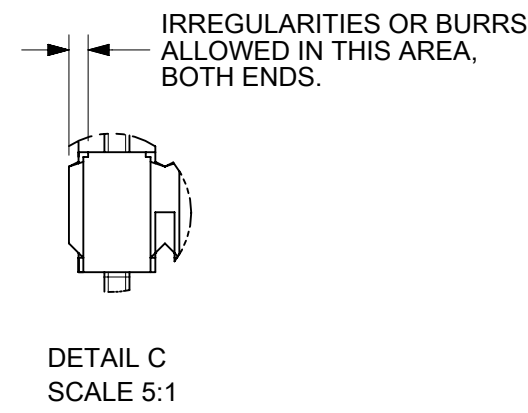
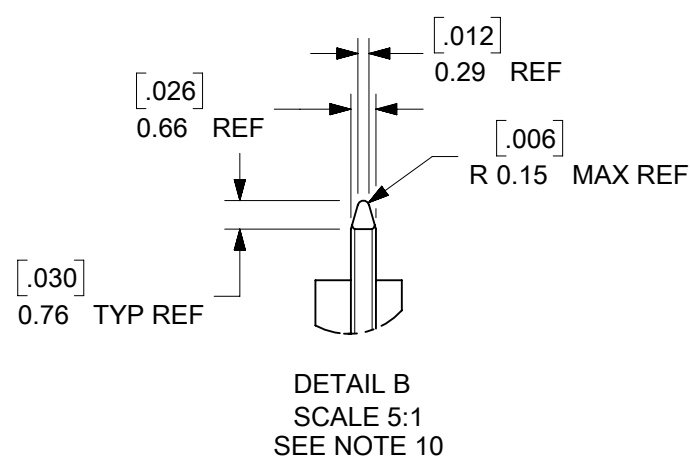
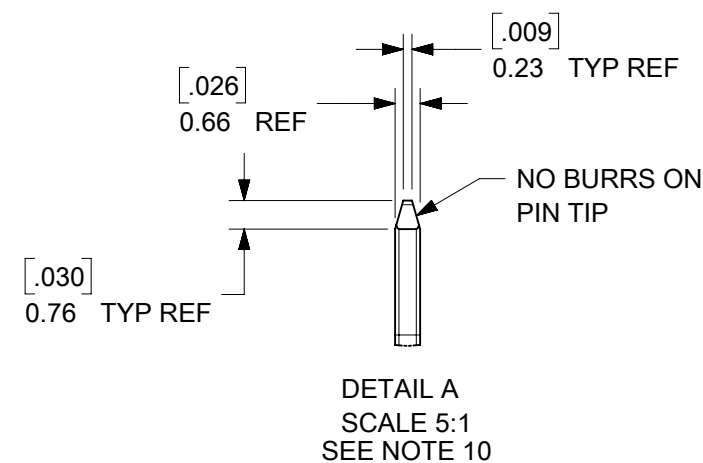


		10	
F	NO. OF CKTS	DIM A	DIM B
	2	.100/2.54	.200/5.08
	3	.200/5.08	.300/7.62
	4	.300/7.62	.400/10.16
	5	.400/10.16	.500/12.70
	6	.500/12.70	.600/15.24
	7	.600/15.24	.700/17.78
	8	.700/17.78	.800/20.32
E	9	.800/20.32	.900/22.86
	10	.900/22.86	1.000/25.40
	11	1.000/25.40	1.100/27.94
	12	1.100/27.94	1.200/30.48
	13	1.200/30.48	1.300/33.02
	14	1.300/33.02	1.400/35.56
	15	1.400/35.56	1.500/38.10
	16	1.500/38.10	1.600/40.64
	17	1.600/40.64	1.700/43.18
	18	1.700/43.18	1.800/45.72
D	19	1.800/45.72	1.900/48.26
	20	1.900/48.26	2.000/50.80
	21	2.000/50.80	2.100/53.34
	22	2.100/53.34	2.200/55.88
	23	2.200/55.88	2.300/58.42
	24	2.300/58.42	2.400/60.96
	25	2.400/60.96	2.500/63.50
	26	2.500/63.50	2.600/66.04
	27	2.600/66.04	2.700/68.58
	28	2.700/68.58	2.800/71.12
	29	2.800/71.12	2.900/73.66
	30	2.900/73.66	3.000/76.20
	31	3.000/76.20	3.100/78.74
	32	3.100/78.74	3.200/81.28
	33	3.200/81.28	3.300/83.82
	34	3.300/83.82	3.400/86.36
	35	3.400/86.36	3.500/88.90
	36	3.500/88.90	3.600/91.44



- NOTES:
1. MATERIAL: NYLON, 94V-0, COLOR: BLACK
 2. FINISH:
 - (154) OVERALL TIN: .000100/0.00254 MIN. OVER
NICKEL: .000050/0.00127 MIN.
 - (208) SELECT GOLD: .000015/0.00038 MIN,
SELECT TIN: .000100/0.00254 MIN,
WITH OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - (228) SELECT GOLD: .000030/0.00076 MIN,
SELECT TIN: .000100/0.00254 MIN,
WITH OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 3. PRODUCT SPECIFICATION PS 10-07.
 4. PACKAGING INFORMATION: SEE TABLES
 5. SOLDERABILITY PER SMES-152.
 6. PIN PUSH OUT FORCE: 3 LBS. MIN
 7. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS.
HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS
WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE
SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION
AND PLACEMENT.
 8. HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
 9. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
 10. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
 11. FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED
WHEN MATING TO A PART WITH POLARIZING RIBS.

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: OBSOLETE PART NUMBERS AS PER PCN#509451				molex					
IN/MM		2:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				.100 FRICTION LOCK BREAKAWAY HEADER ASSY									
	MM	INCH											
4 PLACES	±		±	EC NO: 686785 DRWN: SUGEEB2021/10/08 CHK'D: GGA2022/02/28 APPR: GGA2022/02/28				PRODUCT CUSTOMER DRAWING					
3 PLACES	±		± 0.01										
2 PLACES	±	0.25	± 0.014	INITIAL REVISION: DRWN: JSCHAFFER2004/03/18 APPR: MARGULIS2004/03/18									
1 PLACE	±	0.36	±										
0 PLACES	±		±	DOCUMENT NUMBER SD-42227-002				DOC TYPE		DOC PART	REVISION		
ANGULAR TOL ± 0.5 °								PSD		001	L		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						B-SIZE42227		SEE TABLE		GENERAL MARKET		1 OF 12	

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/28	11:54:37
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10	9	8	7	6	5	4	3	2	1

A-42227-1037/1071					
HEADER NUMBER:			41411		
PLATING:			228		
PIN LENGTH: L			.600/15.24		
MATING LENGTH: M			.295/7.49		
GOLD POINT: G			.180/4.57		
PC TAIL LENGTH: P			.180/4.57		
TIN: T			.135/3.43		
CKTS:			2-36		
KINKS:			NO		
REMOVED BACKWALLS:			YES		
VOIDED CKTS:			NONE		
PACKAGING:			BULK, PER PK-40873-0056		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
2			20	42227-1055	A-42227-1055
3	42227-1038	A-42227-1038	21	42227-1056	A-42227-1056
4			22	42227-1057	A-42227-1057
5	42227-1040	A-42227-1040	23	42227-1058	A-42227-1058
6	42227-1041	A-42227-1041	24	42227-1059	A-42227-1059
7	42227-1042	A-42227-1042	25	42227-1060	A-42227-1060
8	42227-1043	A-42227-1043	26	42227-1061	A-42227-1061
9	42227-1044	A-42227-1044	27	42227-1062	A-42227-1062
10	42227-1045	A-42227-1045	28	42227-1063	A-42227-1063
11	42227-1046	A-42227-1046	29	42227-1064	A-42227-1064
12			30	42227-1065	A-42227-1065
13	42227-1048	A-42227-1048	31	42227-1066	A-42227-1066
14			32	42227-1067	A-42227-1067
15	42227-1050	A-42227-1050	33	42227-1068	A-42227-1068
16	42227-1051	A-42227-1051	34	42227-1069	A-42227-1069
17	42227-1052	A-42227-1052	35	42227-1070	A-42227-1070
18	42227-1053	A-42227-1053	36	42227-1071	A-42227-1071
19	42227-1054	A-42227-1054			-

A-42227-1072/1106					
HEADER NUMBER:			41411		
PLATING:			208		
PIN LENGTH: L			.540 / 13.72		
MATING LENGTH: M			.280 / 7.11		
GOLD POINT: G			.140 / 3.56		
PC TAIL LENGTH: P			.135 / 3.43		
TIN: T			.135 / 3.43		
CKTS:			3-36		
KINKS:			NO		
REMOVED BACKWALLS:			YES		
VOIDED CKTS:			3		
PACKAGING:			BULK, PER PK-40873-0056		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
2			20		
3			21		
4			22		
5			23		
6			24		
7			25		
8			26		
9			27		
10			28		
11			29		
12			30		
13			31		
14			32		
15			33		
16			34		
17			35		
18	42227-1088	A-42227-1088	36		
19					-

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DIMENSION UNITS

INCH

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

42227

CURRENT REV DESC: OBSOLETE PART NUMBERS
AS PER PCN#509451

EC NO: 686785

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2021/10/08

2022/02/28

2022/02/28

INITIAL REVISION:

DRWN: DRAWN BY

APPR: APPR BY

0099/99/99

0099/99/99

DOCUMENT NUMBER

SD-42227-002

DOC TYPE

PSD

DOC PART

001

REVISION

L

DOCUMENT NUMBER

SD-42227-002

CUSTOMER

GENERAL MARKET

SHEET NUMBER

12 OF 12

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

9	8	7	6	5	4	3	2	1
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