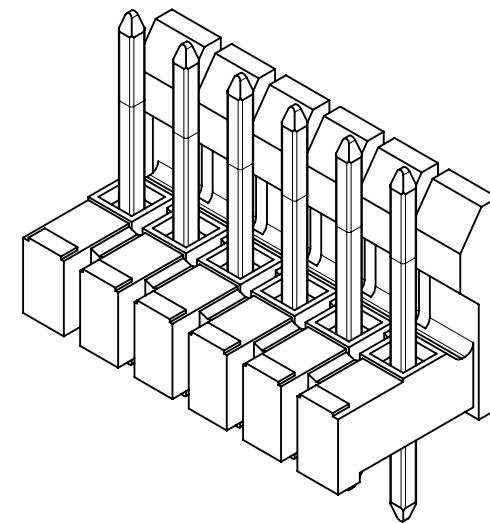
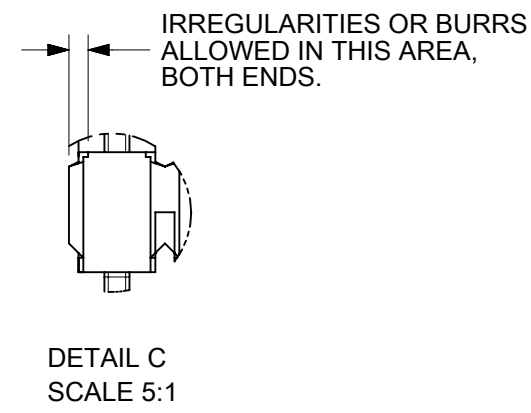
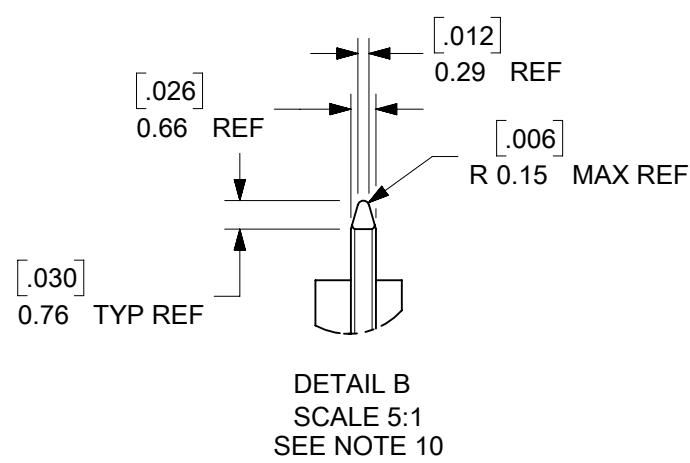
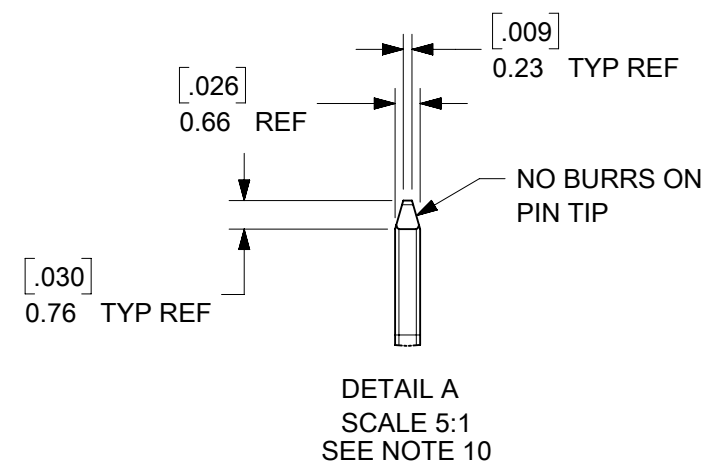
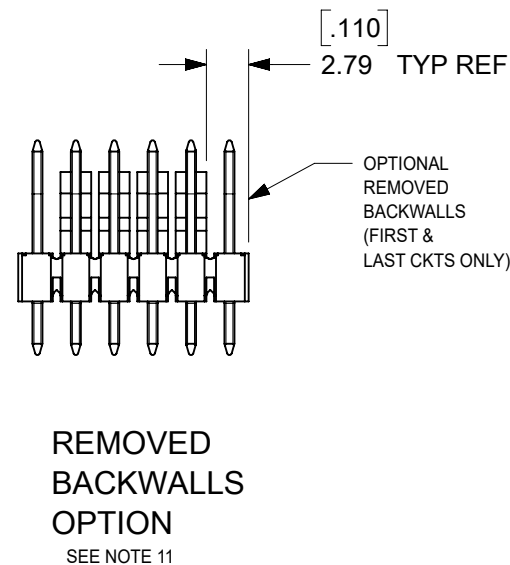
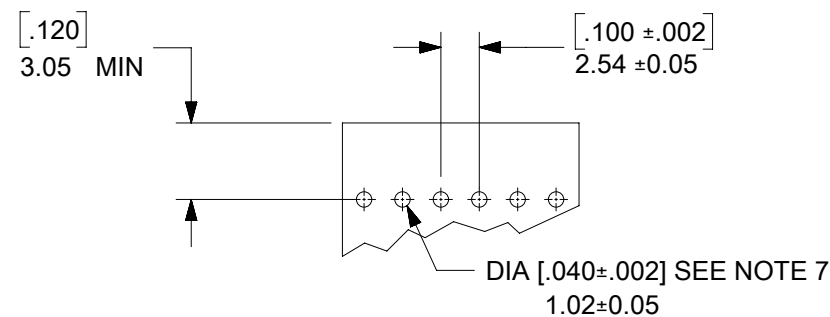
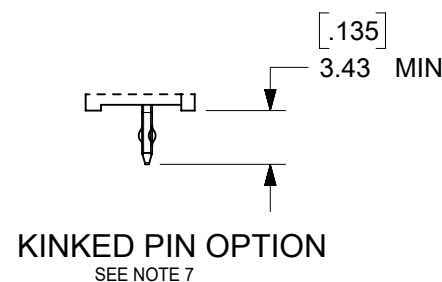
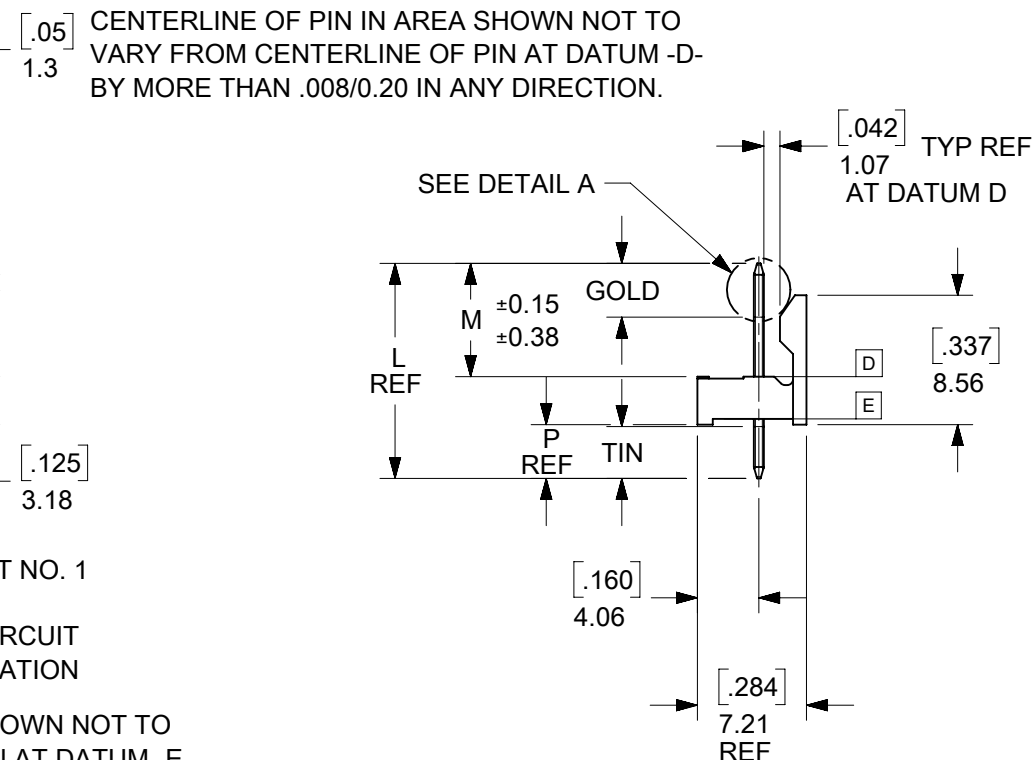


		10	
F	NO. OF CKTS	DIM A	DIM B
	2	.100/2.54	.200/5.08
	3	.200/5.08	.300/7.62
	4	.300/7.62	.400/10.16
	5	.400/10.16	.500/12.70
	6	.500/12.70	.600/15.24
	7	.600/15.24	.700/17.78
	8	.700/17.78	.800/20.32
E	9	.800/20.32	.900/22.86
	10	.900/22.86	1.000/25.40
	11	1.000/25.40	1.100/27.94
	12	1.100/27.94	1.200/30.48
	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

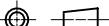


Technical drawing of a 5-pin D-sub connector. The drawing shows a side view of the connector with five pins. Key dimensions and callouts include:

- DIM. B REF**: Dimension across the top of the connector housing.
- DIM. A REF**: Dimension across the middle of the connector housing.
- .100** and **2.54 AT D**: Dimension for the pin pitch.
- .05** and **1.3**: Dimension for the pin length.
- .125** and **3.18**: Dimension for the pin diameter.
- SEE DETAIL B**: Callout pointing to the top of the connector housing.
- SEE DETAIL C**: Callout pointing to the bottom of the connector housing.
- CIRCUIT NO. 1**: Callout pointing to the first pin.
- OPTIONAL VOIDED CIRCUIT SEE CHART FOR LOCATION**: Callout pointing to the second pin.



- 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)				EC NO: 686785 DRWN: SUGEEB 2021/10/08 CHK'D: GGA 2022/02/28 APPR: GGA 2022/02/28				.100 FRICTION LOCK BREAKAWAY HEADER ASSY				
	MM	INCH										
4 PLACES	±		±									
3 PLACES	±		± 0.01									
2 PLACES	±	0.25	± 0.014									
1 PLACE	±	0.36	±	INITIAL REVISION: DRWN: JSCHAFFER 2004/03/18 APPR: MARGULIS 2004/03/18				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±		±					SD-42227-002		PSD	001	L
ANGULAR TOL ± 0.5 °												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING B-SIZE	SERIES 42227	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 12

10	9	8	7	6	5	4	3	2	1

10	9	8	7	6	5	4	3	2	1

10	9	8	7	6	5	4	3	2	1