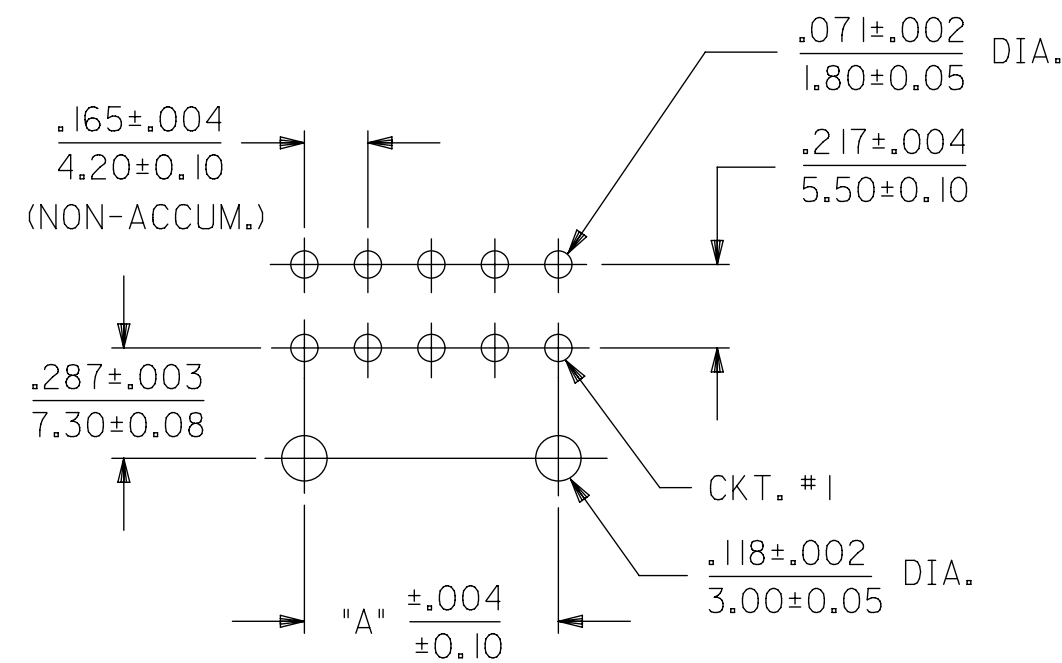
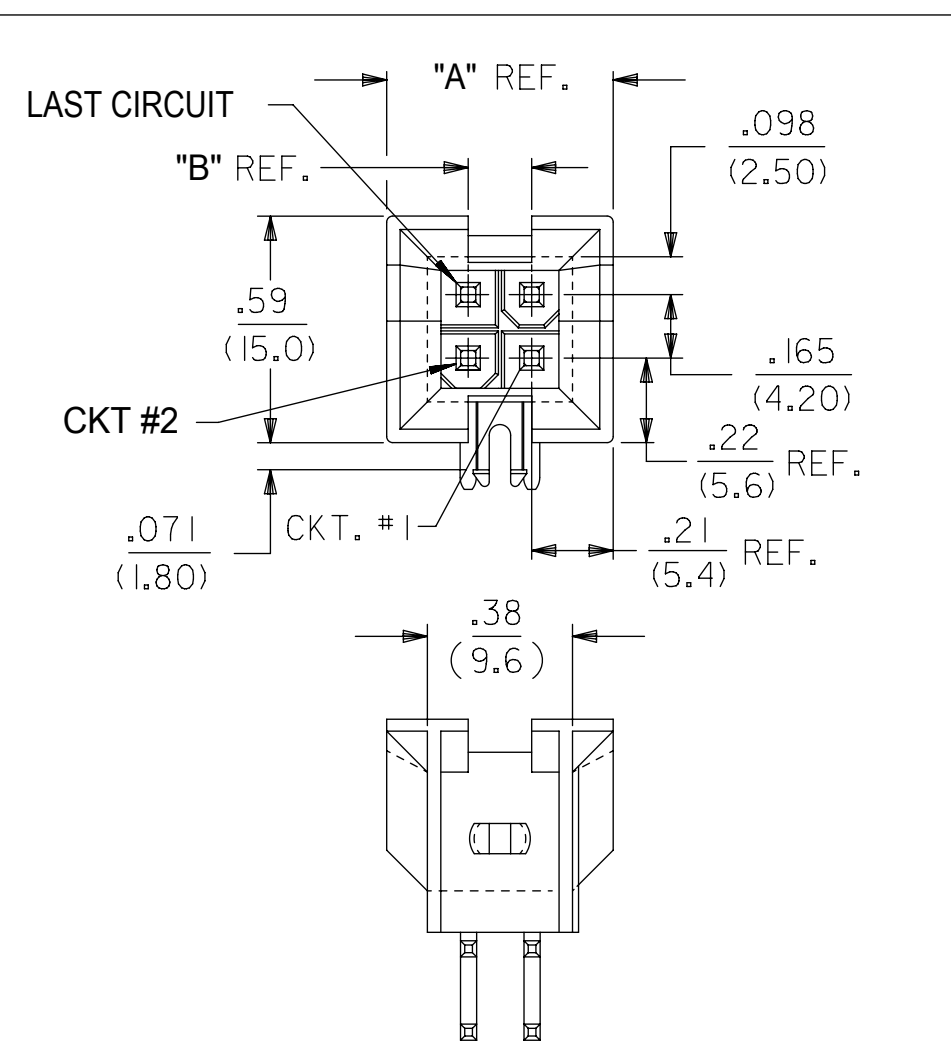


4 CIRCUIT PCB LAYOUT
RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
VIEWED FROM COMPONENT SIDE



RECOMMENDED P.C.B. LAYOUT, COMPONENT SIDE
.070/1.78 MAX. THICKNESS



4 CIRCUIT PART SHOWN

NOTES:

- MATERIAL:
HOUSINGS - NYLON, COLOR: NATURAL, SEE CHART
TERMINAL - BRASS
- FINISH:
222 = .000100/(.00254) MIN. MATTE TINE OVER
.000050/(.00127) MIN. NICKEL OVERALL.
228 = .000030/(.00076) MIN. SELECT GOLD AND
.000100/(.00254) MIN. MATTE TINE OVER
.000050/(.00127) MIN. NICKEL OVERALL.
- PRODUCT SPECIFICATION: PS-5556-002.
- PACKAGING SPECIFICATIN: PK-42404-002, 44151-3002 IS BULK PACKED.
- 4-24 CKT PARRTS MATE WITH MINI-FIT JR. RECEPTACLES
#5557, #42385 AND #42474. 2 CKT PART MATES WITH
#42385 AND # 42474 ONLY.
- PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH
MATING RECEPTACLE IN ANY DIRECTION. SEE MATING
CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- CONNECTOR ASSEMBLIES ARE NOT TO BE MATED
OR UNMATED WHILE CIRCUITS ARE LIVE.
- BOARD LOCK PEGS WILL NOT EXTEND THRU PC BOARDS THICKER
THAN THE RECOMMENDED .070/(1.78) MAX.
- DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN
IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE
MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A
NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE
PERFORMANCE OF THE HEADER ASSEMBLY.
- PART IS NOT DESIGNED FOR CURRENT SHARING.
- PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER
COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
- PART CONFOMS TO CLASS 'B' REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
- FORMING MARKS ARE ACCEPTABLE.

CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	—	—
4	.165 (4.20)	.59 (15.0)
6	.331 (8.40)	.76 (19.2)
8	.496 (12.60)	.92 (23.4)
10	.661 (16.80)	1.09 (27.6)
12	.827 (21.00)	1.25 (31.8)
14	.992 (25.20)	1.42 (36.0)
16	1.157 (29.40)	1.58 (40.2)
18	1.323 (33.60)	1.75 (44.4)
20	1.488 (37.80)	1.91 (48.6)
22	1.654 (42.00)	2.08 (52.8)
24	1.819 (46.20)	2.24 (57.0)

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS		SCALE			
▽ = 0	▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		IN/MM		2:1			
▽ = 0	▽ = 0	4 PLACES ± ±		DRWN BY		DATE		MINI-FIT JR BMI HEADER ASSEMBLY RIGHT ANGLE	
▽ = 0	▽ = 0	3 PLACES ± ±		SAMIEC		1/4/98			
▽ = 0	▽ = 0	2 PLACES ± 0.51 ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING	
▽ = 0	▽ = 0	1 PLACES ± 0.64 ±		BANDURA		1/4/98			
▽ = 0	▽ = 0	0 PLACES ± ±		APPR BY		DATE		PRODUCT CUSTOMER DRAWING	
▽ = 0	▽ = 0	ANGULAR TOL = 0.5		FSMITH		2012/09/26			
▽ = 0	▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES MATERIAL NUMBER CUSTOMER 44151 SEE CHART GENERAL MARKET	
▽ = 0	▽ = 0	C3		C		DOCUMENT NUMBER SD-44151-001		DOC TYPE DOC PART SHEET NUMBER PSD 000 1 OF 3	

12	11	10	9	8	7	6	5	4	3	2	1
44151-0025/0036		44151-0049/0060		44151-0061/0072		44151- /					
HOUSING	NYLON 94V-0	HOUSING	NYLON 94V-0	HOUSING	NYLON 94V-0	HOUSING					
PLATING	FINISH: 222 SEE NOTE 2	PLATING	FINISH: 222 SEE NOTE 2	PLATING	FINISH: 228 SEE NOTE 2	PLATING					
DIM. "D" REF.	$\frac{.22}{(5.7)}$	DIM. "D" REF.	$\frac{.19}{(4.8)}$	DIM. D REFERENCE	$\frac{.22}{(5.7)}$						
MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS				
44151-0025	02	44151-0049	02	44151-0061	02	44151-	02				
44151-0026	04	44151-0050	04	44151-0062	04	44151-	04				
44151-0027	06	44151-0051	06	44151-0063	06	44151-	06				
44151-0028	08	44151-0052	08	44151-0064	08	44151-	08				
44151-0029	10	44151-0053	10	44151-0065	10	44151-	10				
44151-0030	12	44151-0054	12	44151-0066	12	44151-	12				
44151-0031	14	44151-0055	14	44151-0067	14	44151-	14				
44151-0032	16	44151-0056	16	44151-0068	16	44151-	16				
44151-0033	18	44151-0057	18	44151-0069	18	44151-	18				
44151-0034	20	44151-0058	20	44151-0070	20	44151-	20				
44151-0035	22	44151-0059	22	44151-0071	22	44151-	22				
44151-0036	24	44151-0060	24	44151-0072	24	44151-	24				

12	11	10	9	8	7	6	5	4	3	2	1
44151-2025/2036		44151-2049/2060		44151-2061/2072		44151- /					
HOUSING	NYLON 94V-2	HOUSING	NYLON 94V-2	HOUSING	NYLON 94V-2	HOUSING					
PLATING	FINISH: 222 SEE NOTE 2	PLATING	FINISH: 222 SEE NOTE 2	PLATING	FINISH: 228 SEE NOTE 2	PLATING					
DIM. "D" REF.	$\frac{.22}{(5.7)}$	DIM. "D" REF.	$\frac{.19}{(4.8)}$	DIM. D REFERENCE	$\frac{.22}{(5.7)}$						
MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS				
44151-2025	02	44151-2049	02	44151-2061	02	44151-	02				
44151-2026	04	44151-2050	04	44151-2062	04	44151-	04				
44151-2027	06	44151-2051	06	44151-2063	06	44151-	06				
44151-2028	08	44151-2052	08	44151-2064	08	44151-	08				
44151-2029	10	44151-2053	10	44151-2065	10	44151-	10				
44151-2030	12	44151-2054	12	44151-2066	12	44151-	12				
44151-2031	14	44151-2055	14	44151-2067	14	44151-	14				
44151-2032	16	44151-2056	16	44151-2068	16	44151-	16				
44151-2033	18	44151-2057	18	44151-2069	18	44151-	18				
44151-2034	20	44151-2058	20	44151-2070	20	44151-	20				
44151-2035	22	44151-2059	22	44151-2071	22	44151-	22				
44151-2036	24	44151-2060	24	44151-2072	24	44151-	24				

NOTE
 THIS SHEET IS FOR STANDARD MATING CONFIGURATION
 (SEE SHT 3 FOR MATE FIRST/BREAK LAST MATING CONFIGURATION)

QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	ADD 4 CKT VIEW EC NO: 106700 DRWN: CSLAFTER CHKD: JBELL REV APPR: FSMITH	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION UNITS		SCALE					
				MM	INCH	IN/MM		1:1					
		4 PLACES		±	±	DRWN BY		DATE					
		3 PLACES		±	±	SAMIEC		1/4/98					
		2 PLACES		± 0.51	±	CHK'D BY		DATE					
	1 PLACES		± 0.64	±	BANDURA		1/4/98		PRODUCT CUSTOMER DRAWING				
	0 PLACES		±	±	APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER				
			ANGULAR TOL = 0.5		FSMITH		2012/09/26		44151 SEE CHART GENERAL MARKET				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER SD-44151-001 DOC TYPE PSD DOC PART 000 SHEET NUMBER 2 OF 3		
		C3		C									

