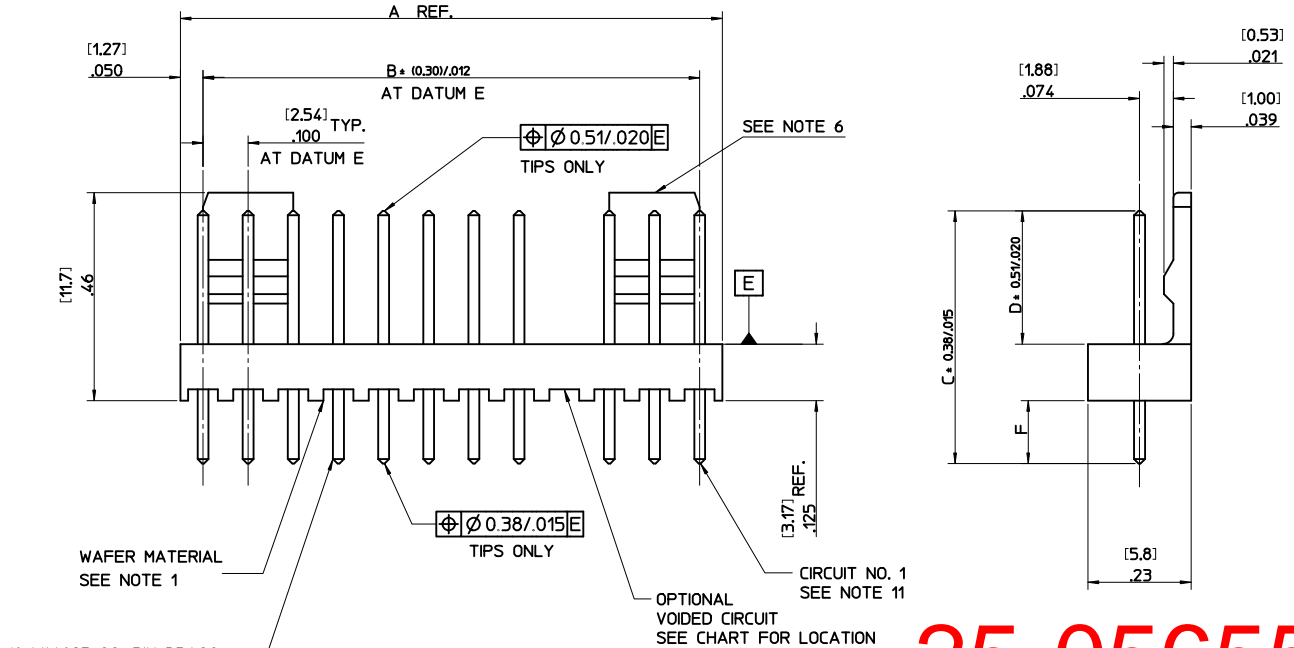
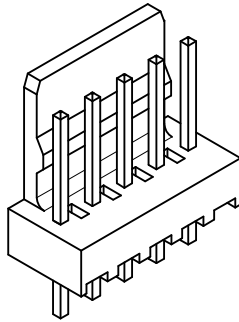


NO. OF CCTS	DIMN. "A"	DIMN. "B"
2	(5.08) .200	(2.54) .100
3	(7.62) .300	(5.08) .200
4	(10.16) .400	(7.62) .300
5	(12.70) .500	(10.16) .400
6	(15.24) .600	(12.70) .500
7	(17.78) .700	(15.24) .600
8	(20.32) .800	(17.78) .700
9	(22.86) .900	(20.32) .800
10	(25.40) 1.000	(22.86) .900
11	(27.94) 1.100	(25.40) 1.000
12	(30.48) 1.200	(27.94) 1.100
13	(33.02) 1.300	(30.48) 1.200
14	(35.56) 1.400	(33.02) 1.300
15	(38.10) 1.500	(35.56) 1.400
16	(40.64) 1.600	(38.10) 1.500
17	(43.18) 1.700	(40.64) 1.600
18	(45.72) 1.800	(43.18) 1.700
19	(48.26) 1.900	(45.72) 1.800
20	(50.80) 2.000	(48.26) 1.900
21	(53.34) 2.100	(50.80) 2.000
22	(55.88) 2.200	(53.34) 2.100
23	(58.42) 2.300	(55.88) 2.200
24	(60.96) 2.400	(58.42) 2.300
25	(63.50) 2.500	(60.96) 2.400
26	(66.04) 2.600	(63.50) 2.500
27	(68.58) 2.700	(66.04) 2.600
28	(71.12) 2.800	(68.58) 2.700



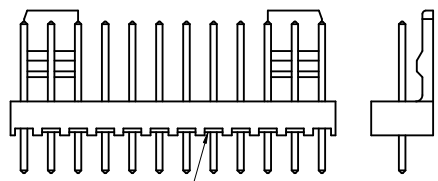
AE-6410- N * (*) - *

NO. OF CCTS

WAFFER ASSY. OPTION

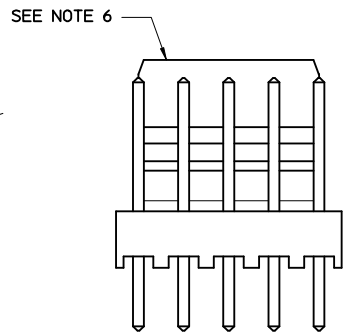
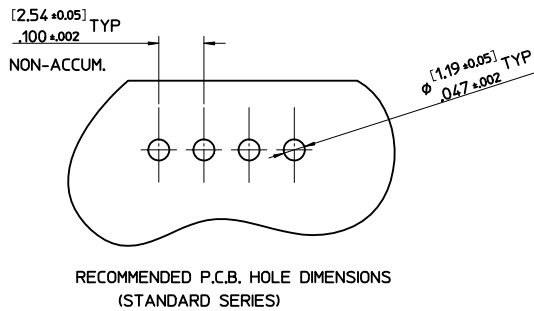
VOIDED CIRCUIT CODE NO. CORRESPONDS TO CIRCUIT NO. VOIDED. MULTIPLE VOIDS START WITH 51
BLANK = NONE

PLATING TYPE



- NOTES:
1. WAFER MATERIAL: NYLON, UL94V-0, PIN MATERIAL: BRASS
 2. FINISH:
 - 102 = OVERALL TIN: 0.00508/.000200 MIN. OVER 0.00254/.000100 MIN. COPPER
 - 154 = OVERALL TIN: 0.00254/.00100 MIN. OVER 0.00127/.000050 MIN. NICKEL
 - 501 = OVERALL GOLD: 0.00051/.000020 MIN. OVER 0.00076/.000030 MIN NICKEL
 - 503 = OVERALL GOLD 0.00076/.000030 MIN. OVER 0.00127/.000050 MIN NICKEL
 - 509 = OVERALL GOLD 0.00127/.000050 MIN. OVER 0.00076/.000030 MIN NICKEL
 - 516 = OVERALL GOLD 0.00025/.000010 MIN. OVER 0.00076/.000030 MIN NICKEL
 3. THIS PART CONFORMS TO MOLEX PROD. SPEC. PS-99020-0088.
 4. PACKAGING: PER PK-6373-001
 5. PIN SOLDERABILITY PER MOLEX SPEC. SMES-152.
 6. SINGLE RAMP ON 2-6 CCTS TWO RAMPS ON 7-28 CCTS, AS SHOWN.
 7. PIN PUSH OUT FORCE: (0.907 Kg)/2lbs MIN.
 8. PCB THICKNESS 1.6MM
 9. WAFERS STACKABLE END TO END WITH (2.54)/.100 BETWEEN END PINS
 10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 11. CIRCUIT 1 DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT LINE UP WITH CIRCUIT 1 ON THE MATING HOUSING.

25-05655



ADD/REVISE NOTES	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM/IN	5:1	METRIC	PROJECTION		
EC NO: UCP2010-2318	▽=0	± .005	± .0002	DRAWN BY	DATE	TITLE	WAFFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS		
DRW:HK IPER 2010/07/06	▽=0	± .010	± .001	T. MAHON	28/01/03				
CHKD:SS/ISEK 2010/07/07		± .025	± .014	CHECKED BY	DATE		MOLEX INCORPORATED		
APPR:FSM/TH 2010/07/07		± .035	± .010	BMAGUIRE	28/01/03				
		ANGULAR ± .5°		APPROVED BY	DATE		SDAE-6410-N		
				JDENNEHY	2005/03/11				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 4			
BB1				SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

ENG. NO.	AE-6410-NA (102)		AE-6410-NC (102)		AE-6410-ND (102)		AE-6410-NH (102)		AE-6410-NJ (102)		AE-6410-NL (102)	
DIMN. "D"	(7.50 ±0.25) .295 ±.010		(7.14 ±0.25) .281 ±.010		(8.05 ±0.25) .317 ±.010		(7.49 ±0.25) .295 ±.010		(18.80 ±0.38) .740 ±.015		(8.50 ±0.38) .335 ±.015	
DIMN. "C"	(14.22) / .560		(20.32) / .800		(14.22) / .560		(14.98) / .590		(25.40) / 1.000		(23.80) / .937	
DIMN. "F"	(3.56) / .140 REF		(10.00) / .394 REF		(2.99) .118 REF		(4.32) / .170 REF		(3.43) / .135 REF		(12.13) / .477 REF	
PLATING	102		102		102		102		102		102	
NO. OF CIRCUITS	2	AE-6410-2A(102) 22-27-2021	AE-6410-2C(102) 38-00-6292	AE-6410-2D(102) 38-00-5882	AE-6410-2H(102) 38-00-6754	AE-6410-2J(102) NOT TOOLED	AE-6410-2L(102) NOT TOOLED					
	3	3 A(102) 2031	3 C(102) 6293	3 D(102) 5883	3 H(102) NOT TOOLED	3 J(102) NOT TOOLED	L(102)					
	4	4 A(102) 2041	4 C(102) 6294	4 D(102) 5884	4 H(102) 22-27-2046	4 J(102) NOT TOOLED	L(102)					
	5	5 A(102) 2051	5 C(102) 6295	5 D(102) 5885	5 H(102) NOT TOOLED	5 J(102) 22-27-2057	L(102)					
	6	6 A(102) 2061	6 C(102) 6296	6 D(102) 5886	6 H(102)	6 J(102) NOT TOOLED	L(102)					
	7	7 A(102) 2071	7 C(102) 6297	7 D(102) 5887	7 H(102)	7 J(102) NOT TOOLED	L(102)					
	8	8 A(102) 2081	8 C(102) 6298	8 D(102) 5888	8 H(102)	8 J(102) 22-27-2087	L(102)					
	9	9 A(102) 2091	9 C(102) 6299	9 D(102) 5889	9 H(102)	9 J(102) NOT TOOLED	L(102)					
	10	10 A(102) 2101	10 C(102) 6300	10 D(102) 5890	10 H(102)	10 J(102)	L(102)					
	11	11 A(102) 2111	11 C(102) 6301	11 D(102) 5891	11 H(102) NOT TOOLED	11 J(102)	L(102)					
	12	12 A(102) 2121	12 C(102) 6302	12 D(102) 5892	12 H(102) 22-27-2126	12 J(102)	L(102)					
	13	13 A(102) 2131	13 C(102) 6303	13 D(102) 5893	13 H(102) NOT TOOLED	13 J(102)	L(102)					
	14	14 A(102) 2141	14 C(102) 6304	14 D(102) 5894	14 H(102)	14 J(102)	L(102)	NOT TOOLED				
	15	15 A(102) 2151	15 C(102) 6305	15 D(102) 5895	15 H(102)	15 J(102)	L(102)	38-00-1736				
	16	16 A(102) 2161	16 C(102) 6306	16 D(102) 5896	16 H(102)	16 J(102)	L(102)	NOT TOOLED				
	17	17 A(102) 2171	17 C(102) 6307	17 D(102) 5897	17 H(102)	17 J(102)	L(102)					
	18	18 A(102) 2181	18 C(102) 6308	18 D(102) 5898	18 H(102)	18 J(102)	L(102)					
	19	19 A(102) 2191	19 C(102) 6309	19 D(102) 5899	19 H(102)	19 J(102)	L(102)					
	20	20 A(102) 2201	20 C(102) 38-00-6310	20 D(102) 5900	20 H(102)	20 J(102)	L(102)					
	21	21 A(102) 2211	21 C(102) NOT TOOLED	21 D(102) 5901	21 H(102)	21 J(102)	L(102)					
	22	22 A(102) 2221	22 C(102)	22 D(102) 5902	22 H(102)	22 J(102)	L(102)					
	23	23 A(102) 2231	23 C(102)	23 D(102) 5903	23 H(102)	23 J(102)	L(102)					
	24	24 A(102) 2241	24 C(102)	24 D(102) 5904	24 H(102)	24 J(102)	L(102)					
	25	25 A(102) 2251	25 C(102)	25 D(102) 5905	25 H(102)	25 J(102)	L(102)					
	26	26 A(102) 2261	26 C(102)	26 D(102) 5906	26 H(102)	26 J(102)	L(102)					
	27	27 A(102) 2271	27 C(102)	27 D(102) 5907	27 H(102)	27 J(102)	L(102)					
	28	AE-6410-28A(102) 22-27-2281	AE-6410-28C(102) NOT TOOLED	AE-6410-28D(102) 38-00-5908	AE-6410-28H(102) NOT TOOLED	AE-6410-28J(102) NOT TOOLED	AE-6410-28L(102) NOT TOOLED					

REMOVE PLATING DIM REC NO: UCP2010-2318 DRWN:HKIPPER 2010/07/06 CHKD:SSOLSEK 2010/07/07 APPR:FSM:TH 2010/07/07 DESCRIPTION (REV)	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± .5°	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRAWN BY T. MAHON	DATE 28/01/03	TITLE WAFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS			
	CHECKED BY BMAGUIRE	DATE 28/01/03	APPROVED BY JDENNEHY	DATE 2005/03/11		
	MATERIAL NO. SEE CHART	DOCUMENT NO. SDAE-6410-N	SHEET NO. 2 OF 4			

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ENG. NO.	AE-6410-NA (501)	AE-6410-NA (516)	AE-6410-NK (516)	AE-6410-NC (501)	AE-6410-NA (509)	AE-6410-NS (501)	AE-6410-NA (503)	
DIMN. "D"	(7.50 ±0.25) .295 ±.010	(7.50 ±0.25) .295 ±.010	(9.22) REF .363	(7.14 ±0.25) .281 ±.010	(7.50 ±0.25) .295 ±.010	(7.50 ±0.25) .295 ±.010	(7.50 ±0.25) .295 ±.010	
DIMN. "C"	(14.22) / .560	(14.22) / .560	(15.88) / .625	(20.32) / .800	(14.22) / .560	(16.51) / .649	(14.22) / .560	
DIMN. "F"	(3.56) / .140 REF	(3.56) / .140 REF	(3.48 ±0.25) .137 ±.010	(10.00) / .394 REF	(3.56) / .140 REF	(5.84) / .230 REF	(3.56) / .140 REF	
PLATING	501	516	516	501	509	501	503	
NO. OF CIRCUITS	2	AE-6410-2A(501) 22-29-2021	AE-6410-2A(516) 22-29-2022	AE-6410-2K(516) 38-00-0932	AE-6410-2C(501) NOT TOOLED	AE-6410-2A(509) 38-00-7250	NOT TOOLED	AE-6410-2A(503) 38-00-7062
	3	3 A(501) 2031	3 A(516) 2032	3 K(516) 0933	3 C(501) 38-00-5909	3 A(509) NOT TOOLED	NOT TOOLED	3 A(503) 7063
	4	4 A(501) 2041	4 A(516) 2042	4 K(516) 0934	4 C(501) NOT TOOLED	4 A(509) 38-00-7251	AE-6410-4S(509) 38-00-7666	4 A 7064
	5	5 A(501) 2051	5 A(516) 2052	5 K(516) 0935	5 C(501)	5 A(509) NOT TOOLED	NOT TOOLED	5 A 7065
	6	6 A(501) 2061	6 A(516) 2062	6 K(516) 0936	6 C(501)	6 A(509)	6 S(501) 38-00-7667	6 A 7066
	7	7 A(501) 2071	7 A(516) 2072	7 K(516) 0937	7 C(501)	7 A(509)	NOT TOOLED	7 A 7067
	8	8 A(501) 2081	8 A(516) 2082	8 K(516) 0938	8 C(501)	8 A(509)		8 A 38-00-7068
	9	9 A(501) 2091	9 A(516) 2092	9 K(516) 0939	9 C(501)	9 A(509)		9 A NOT TOOLED
	10	10 A(501) 2101	10 A(516) 2102	10 K(516) 0940	10 C(501)	10 A(509)		10 A NOT TOOLED
	11	11 A(501) 2111	11 A(516) 2112	11 K(516) 0941	11 C(501)	11 A(509)		11 A NOT TOOLED
	12	12 A(501) 2121	12 A(516) 2122	12 K(516) 0942	12 C(501)	12 A(509)		12 A 38-00-7072
	13	13 A(501) 2131	13 A(516) 2132	13 K(516) 0943	13 C(501)	13 A(509)		13 A NOT TOOLED
	14	14 A(501) 2141	14 A(516) 2142	14 K(516) 0944	14 C(501)	14 A(509)		14 A 38-00-7074
	15	15 A(501) 2151	15 A(516) 2152	15 K(516) 0945	15 C(501)	15 A(509)		15 A NOT TOOLED
	16	16 A(501) 2161	16 A(516) 2162	16 K(516) 0946	16 C(501)	16 A(509)		16 A
	17	17 A(501) 2171	17 A(516) 2172	17 K(516) 0947	17 C(501)	17 A(509)		17 A
	18	18 A(501) 2181	18 A(516) 2182	18 K(516) 0948	18 C(501)	18 A(509)		18 A
	19	19 A(501) 2191	19 A(516) 2192	19 K(516) 0949	19 C(501)	19 A(509)		19 A NOT TOOLED
	20	20 A(501) 2201	20 A(516) 2202	20 K(516) 0950	20 C(501)	20 A(509)		20 A 38-00-7080
	21	21 A(501) 2211	21 A(516) 2212	21 K(516) 0951	21 C(501)	21 A(509)		21 A NOT TOOLED
	22	22 A(501) 2221	22 A(516) 2222	22 K(516) 0952	22 C(501)	22 A(509)		22 A NOT TOOLED
	23	23 A(501) 2231	23 A(516) 2232	23 K(516) 0953	23 C(501)	23 A(509)		23 A NOT TOOLED
	24	24 A(501) 2241	24 A(516) 2242	24 K(516) 0954	24 C(501)	24 A(509)		24 A 38-00-0441
	25	25 A(501) 2251	25 A(516) 2252	25 K(516) 0955	25 C(501)	25 A(509)		25 A NOT TOOLED
	26	26 A(501) 2261	26 A(516) 2262	26 K(516) 0956	26 C(501)	26 A(509)		26 A
	27	27 A(501) 2271	27 A(516) 2272	27 K(516) 0957	27 C(501)	27 A(509)		27 A(503)
	28	AE-6410-28A(501) 22-29-2281	AE-6410-28A(516) 22-29-2282	AE-6410-28K(516) 38-00-0958	AE-6410-28C(501) NOT TOOLED	AE-6410-28A(509) NOT TOOLED	NOT TOOLED	AE-6410-28A(503) NOT TOOLED

REMOVE PLATING DIM EC NO: UCP2010-2318 DRAWN/KIPPER 2010/07/06 CHKD:SSOUSEK 2010/07/07 APPR:FSMITH 2010/07/07 BB1	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± .5 °	DRAWN BY T. MAHON	DATE 28/01/03	TITLE WAFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY BMAGUIRE	DATE 28/01/03	APPROVED BY JDENNEHY			DATE 2005/03/11	MOLEX INCORPORATED
		SEE CHART	MATERIAL NO.	DOCUMENT NO. SDAE-6410-N	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 3 OF 4		

VOIDED CIRCUIT OPTION

PART No.	ENG No.	CKT SIZE	VOID LOCATION	DIM D	DIM F (REF)	PLATING
38-00-7222	AE-6410-3A(102)-2	3	2	(7.50)/.295	(3.56)/.140	102
38-00-4749	-4A(102)-3	4	3	(7.50)/.295	(3.56)/.140	102
38-00-0611	-5A(102)-3	5	3	(7.50)/.295	(3.56)/.140	102
38-00-0089	-6A(102)-3	6	3	(7.50)/.295	(3.56)/.140	102
38-00-0090	-6A(102)-51	6	3,4,5	(7.50)/.295	(3.56)/.140	102
38-00-5370	-15A(102)-02	15	2	(7.50)/.295	(3.56)/.140	102
38-00-5371	-19A(102)-12	19	12	(7.50)/.295	(3.56)/.140	102
38-00-7688	-12A(102)-09	12	9	(7.50)/.295	(3.56)/.140	102

CORRECT ENG. NO. EC NO: UCP2010-2318 DRWN:MKIPPER 2010/07/06 CHKD:SSOUSEK 2010/07/07 APPR:FSM TH 2010/07/07	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.35</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .014	1 PLACE	± 0.35	± ---	DRAWN BY: T. MAHON DATE: 28/01/03 CHECKED BY: BMAGUIRE DATE: 28/01/03 APPROVED BY: JDENNEHY DATE: 2005/03/11	TITLE WAFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS		
		mm	INCH																			
	4 PLACES	± ---	± ---																			
3 PLACES	± ---	± .010																				
2 PLACES	± 0.25	± .014																				
1 PLACE	± 0.35	± ---																				
		ANGULAR ± .5 °	MATERIAL NO. SEE TABLE	MOLEX INCORPORATED DOCUMENT NO. SDAE-6410-N																		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		