

## Excellent Integrated System Limited

Stocking Distributor

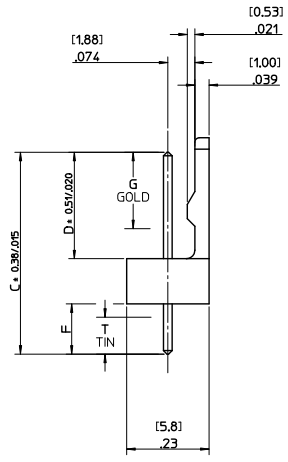
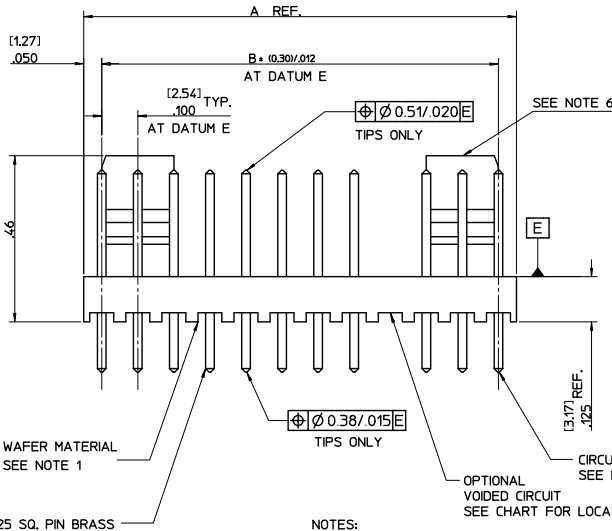
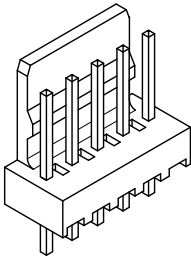
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0022272021](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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



AE-6410- N \* (\*) - \*

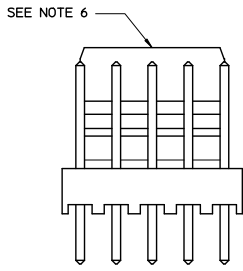
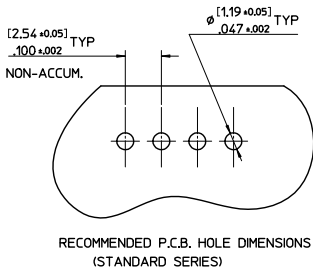
NO. OF CCTS

WAFER ASSY. OPTION

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

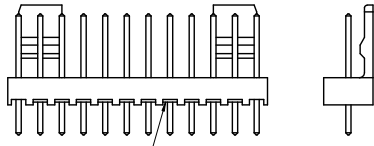
PLATING TYPE

- NOTES:
1. WAFER MATERIAL: NYLON, UL94V-0, PIN MATERIAL: BRASS
  2. FINISH:
    - 154 = OVERALL TIN: 0.00254/.00100 MIN. OVER 0.00127/.000050 MIN. NICKEL
    - 197 = OVERALL REFLOWED MATTE TIN: 0.00152/.00060 MIN. OVER 0.00127/.000050 MIN. NICKEL
    - 222 = OVERALL MATTE TIN: 0.00254/.00100 MIN. OVER 0.00127/.000050 MIN. NICKEL
    - 228 = SELECT GOLD 0.00076/.000030 MIN., SELECT MATTE TIN: 0.00254/.00100 OVER 0.00127/.000050 MIN. NICKEL
    - 231 = SELECT GOLD 0.00127/.000050 MIN., SELECT MATTE TIN: 0.00254/.00100 OVER 0.00076/.000030 MIN. NICKEL
    - 241 = SELECT GOLD 0.00051/.000020 MIN., SELECT MATTE TIN: 0.00254/.00100 OVER 0.00076/.000030 MIN. NICKEL
  3. THIS PART CONFORMS TO MOLEX PROD. SPEC. PS-99020-0088.
  4. PACKAGING: PER PK-6410-002
  5. PIN SOLDERABILITY PER MOLEX SPEC. SMES-152.
  6. SINGLE RAMP ON 2-6 CCTS TWO RAMP ON 7-16 CCTS, AS SHOWN.
  7. PIN PUSH OUT FORCE: 10.907 Kgf/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.



CHANGE PLATING EC NO: UCP2012-1821 DRAWN BY: DRW:MS/STROH 2011/12/29 CHECKED BY: CHK:KOKI/TIPPER 2012/01/03 APPROVED BY: APP:R/S/MTLH 2012/02/02	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	MM/IN	DATE				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	4 PLACES	± .10	MM/IN	28/01/03	T. MAHON	TITLE	WAFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS	
		3 PLACES	± .010	DATE	28/01/03				
		2 PLACES	± 0.25 ± .014	DATE	28/01/03				
1 PLACE	± 0.35 ± .---	DATE	2005/03/11	APPROVED BY: J DENNEHY	DATE	2005/03/11	MATERIAL NO.	DOCUMENT NO.	
SEE CHART		SDAE-6410-N		MOLEX INCORPORATED		SHEET NO. 1 OF 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

ENG. NO.	AE-6410-NA ( 222 )	AE-6410-NC ( 197 )	AE-6410-NH ( 197 )	AE-6410-NJ ( 197 )	AE-6410-NL ( 154 )	AE-6410-NM ( 154 )	
DIMN. "D"	(7.50) .295	(7.14) .281	(7.49) .295	(18.80) .740	(8.58) .338	(7.62) .300	
DIMN. "C"	(14.22 ) / .560	(20.32 ) / .800	(14.98 ) / .590	(25.40 ) / 1.000	(23.88 ) / .940	(20.32 ) / .800	
DIMN. "F"	(3.56 ) / .140 REF	(10.00 ) / .394 REF	(4.32 ) / .170 REF	(3.43 ) / .135 REF	(12.13 ) / .477 REF	(9.53 ) / .375 REF	
DIMN. "G"	N/A	N/A	N/A	N/A	N/A	N/A	
DIMN. "T"	OVERALL	OVERALL	OVERALL	OVERALL	OVERALL	OVERALL	
PLATING	222	197	197	197	154	154	
NO. OF CIRCUITS	2	AE-6410-2A(222) 22-27-2021	AE-6410-2C(197) 38-00-6292	AE-6410-2H(197) 38-00-6754	AE-6410-2J(197) NOT TOOLED	AE-6410-2L(154) NOT TOOLED	AE-6410-2M(154) NOT TOOLED
	3	3 A(222) 2031	3 C(197) 6293	3 H(197) NOT TOOLED	3 J(102) NOT TOOLED	3 L(154) 26-01-3195	3 M(154) 26-01-3179
	4	4 A(222) 2041	4 C(197) 6294	4 H(197) 22-27-2046	4 J(102) NOT TOOLED	4 L(154) NOT TOOLED	4 M(154) NOT TOOLED
	5	5 A(222) 2051	5 C(197) 6295	5 H(197) NOT TOOLED	5 J(102) 22-27-2057	5 L(154)	5 M(154)
	6	6 A(222) 2061	6 C(197) 6296	6 H(197)	6 J(102) NOT TOOLED	6 L(154)	6 M(154)
	7	7 A(222) 2071	7 C(197) 6297	7 H(197)	7 J(102) NOT TOOLED	7 L(154)	7 M(154)
	8	8 A(222) 2081	8 C(197) 6298	8 H(197)	8 J(102) 22-27-2087	8 L(154)	8 M(154)
	9	9 A(222) 2091	9 C(197) 6299	9 H(197)	9 J(102) NOT TOOLED	9 L(154)	9 M(154)
	10	10 A(222) 2101	10 C(197) 6300	10 H(197)	10 J(102)	10 L(154)	10 M(154)
	11	11 A(222) 2111	11 C(197) 6301	11 H(197) NOT TOOLED	11 J(102)	11 L(154)	11 M(154)
	12	12 A(222) 2121	12 C(197) 6302	12 H(197) 22-27-2126	12 J(102)	12 L(154)	12 M(154)
	13	13 A(222) 2131	13 C(197) 6303	13 H(197) NOT TOOLED	13 J(102)	13 L(154)	13 M(154)
	14	14 A(222) 2141	14 C(197) 6304	14 H(197)	14 J(102)	14 L(154) NOT TOOLED	14 M(154)
	15	15 A(222) 2151	15 C(197) 6305	15 H(197)	15 J(102)	15 L(154) 38-00-1736	15 M(154)
	16	AE-6410-2A(222) 22-27-2161	AE-6410-2C(197) 38-00-6306	AE-6410-2H(197) NOT TOOLED	AE-6410-2J(197) NOT TOOLED	AE-6410-2L(154) NOT TOOLED	AE-6410-2M(154) NOT TOOLED



RIBS ADDED (4-16 CCTS. ONLY)  
ALTERNATIVE WAFER CONFIGURATION

SEE SHEET 1 EC NO: UCP2012-1821 DRAWN BY: CHKDKMIPPER CHECKED BY: CHKDKMIPPER DATE: 2011/12/22 APPROVAL: CHKDKMIPPER DATE: 2012/02/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± .5 °	MM/IN	4:1	METRIC		
	DRAWN BY: T. MAHON DATE: 28/01/03 CHECKED BY: BMAGUIRE DATE: 28/01/03 APPROVED BY: J DENNEHY DATE: 2005/03/11	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART SIZE C	MATERIAL NO. DOCUMENT NO.	TITLE WAFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS	MOLEX INCORPORATED	SHEET NO. 2 OF 4
	BC	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SDAE-6410-N	MOLEX	MOLEX INCORPORATED	SDAE-6410-N	2 OF 4



VOIDED CIRCUIT OPTION

ENG. NO.	AE-6410-NA(197)-*		
DIM. D	7.50/.295		
DIM. C	14.22 /.560		
DIM. F (REF)	3.56 /.140		
DIM. G	N/A		
DIM. T	OVERALL		
PLATING	197		
PART No.	ENG No.	CKT SIZE	VOID LOCATION
38-00-7222	AE-6410-3A(197)-2	3	2
↑ 4749	↑ -4A(197)-3	4	3
0611	-5A(197)-3	5	3
0089	-6A(197)-3	6	3
0090	-6A(197)-51	6	3,4,5
5370	-15A(197)-02	15	2
↓ 7688	↓ -12A(197)-09	12	9

SEE SHEET 1 EC NO: UCP2012-1821 DRAWN BY: BROWNSTROH 2011/12/22 CHECKED BY: CHOKKALIPPER 2012/01/03 APPROVED BY: SMITH 2012/02/02 REV: BC	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$ $\nabla=0$	<table border="1"> <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	± .---	MM/IN	4:1	METRIC	
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DESCRIPTION	<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>T. MAHON</td> <td>28/01/03</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>BMAGUIRE</td> <td>28/01/03</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>JDENNEHY</td> <td>2005/03/11</td> </tr> </table>	DRAWN BY	DATE	T. MAHON	28/01/03	CHECKED BY	DATE	BMAGUIRE	28/01/03	APPROVED BY	DATE	JDENNEHY	2005/03/11	TITLE	MOLEX INCORPORATED WAFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS		MATERIAL NO. SEE CHART	DOCUMENT NO. SDAE-6410-N	SHEET NO. 4 OF 4		
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