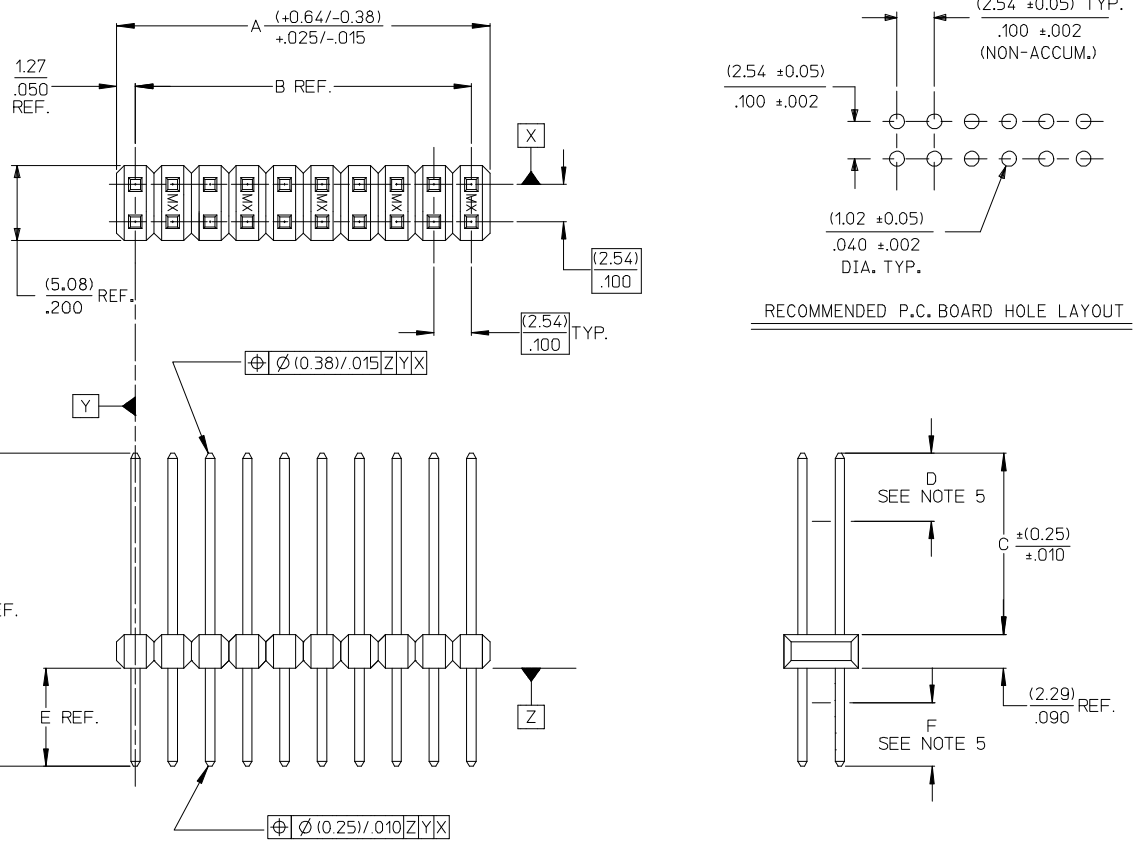


CKT. SIZE	DIM. A REF.		DIM. B REF.		
	(MM)	INCH	(MM)	INCH	
J	4	(5.08)	.200	(2.54)	.100
	6	(7.62)	.300	(5.08)	.200
	8	(10.16)	.400	(7.62)	.300
	10	(12.70)	.500	(10.16)	.400
	12	(15.24)	.600	(12.70)	.500
	14	(17.78)	.700	(15.24)	.600
I	16	(20.32)	.800	(17.78)	.700
	18	(22.86)	.900	(20.32)	.800
	20	(25.40)	1.000	(22.86)	.900
	22	(27.94)	1.100	(25.40)	1.000
	24	(30.48)	1.200	(27.94)	1.100
	26	(33.02)	1.300	(30.48)	1.200
	28	(35.56)	1.400	(33.02)	1.300
H	30	(38.10)	1.500	(35.56)	1.400
	32	(40.64)	1.600	(38.10)	1.500
	34	(43.18)	1.700	(40.64)	1.600
	36	(45.72)	1.800	(43.18)	1.700
	38	(48.26)	1.900	(45.72)	1.800
	40	(50.80)	2.000	(48.26)	1.900
G	42	(53.34)	2.100	(50.80)	2.000
	44	(55.88)	2.200	(53.34)	2.100
	46	(58.42)	2.300	(55.88)	2.200
	48	(60.96)	2.400	(58.42)	2.300
	50	(63.50)	2.500	(60.96)	2.400
	52	(66.04)	2.600	(63.50)	2.500
	54	(68.58)	2.700	(66.04)	2.600
F	56	(71.12)	2.800	(68.58)	2.700
	58	(73.66)	2.900	(71.12)	2.800
	60	(76.20)	3.000	(73.66)	2.900
	62	(78.74)	3.100	(76.20)	3.000
	64	(81.28)	3.200	(78.74)	3.100
	66	(83.82)	3.300	(81.28)	3.200
E	68	(86.36)	3.400	(83.82)	3.300
	70	(88.90)	3.500	(86.36)	3.400
	72	(91.44)	3.600	(88.90)	3.500
	74	(93.98)	3.700	(91.44)	3.600
	76	(96.52)	3.800	(93.98)	3.700
	78	(99.06)	3.900	(96.52)	3.800
D	80	(101.06)	4.000	(99.06)	3.900
	82	(104.14)	4.100	(101.06)	4.000
	84	(106.68)	4.200	(104.14)	4.100
	86	(109.22)	4.300	(106.68)	4.200
	88	(111.76)	4.400	(109.22)	4.300
	90	(114.30)	4.500	(111.76)	4.400
	92	(116.84)	4.600	(114.30)	4.500
C	94	(119.38)	4.700	(116.84)	4.600
	96	(121.92)	4.800	(119.38)	4.700
	98	(124.46)	4.900	(121.92)	4.800
	100	(127.00)	5.000	(124.46)	4.900

NOTES:

- MATERIAL:
PIN: COPPER ALLOY
WAFER: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER, UL 94V-0, COLOR: BLACK).
- FINISH:
TIN = (0.00380)/.000150 MINIMUM TIN PLATE OVER (0.00127)/.000050 MINIMUM NICKEL PLATE.
15 GOLD = (0.00038)/.000015 MINIMUM GOLD PLATE IN SELECT AREA, (0.00190)/.000075 MINIMUM TIN PLATE IN SELECT AREA, OVER (0.00127)/.000050 MINIMUM NICKEL PLATE OVERALL.
30 GOLD = (0.00076)/.000030 MINIMUM GOLD PLATE IN SELECT AREA, (0.00190)/.000075 MINIMUM TIN PLATE IN SELECT AREA, OVER (0.00127)/.000050 MINIMUM NICKEL PLATE OVERALL.
GT15 = (0.00038)/.000015 MINIMUM GOLD PLATE IN SELECT AREA, (0.00254)/.000100 MINIMUM TIN PLATE IN SELECT AREA, OVER (0.00127)/.000050 MINIMUM NICKEL PLATE OVERALL.
- PRODUCT SPECIFICATION NONE
- PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES) BULK PACK PER PK-70873-0353.
- MEASURE POINT FOR PLATING THICKNESS.
- FOR ASSEMBLIES WITH VOIDED PINS, REFER TO DRAWING NO. SDA-70280-5001-9999.
- PIN PUSHOUT FORCE 3 POUNDS MINIMUM IN EITHER DIRECTION.
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
- PINS MEET SOLDERABILITY SPEC SMES-152. ABSENCE OF PLATING PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE. (APPROXIMATELY (0.64)/.025 INCH LONG BY (0.15)/.006 INCH WIDE AT 2 LOCATIONS)
- PARTS CONFORM TO CLASS B OF COSMETIC SPECIFICATION PS-45499-002

* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD PLATING.



RECOMMENDED P.C. BOARD HOLE LAYOUT

9	G6
8	G5
7	G3
6	G3
5	G3
4	G3
3	G3
2	G3
1	G6
SHT. REV.	

ADD P/N 70280-1254 EC NO: UCP2008-2306 DRWN: J.BELL CHKD: LSCMIDT APPR: FSM/TH	2008/03/31 2008/04/07 2008/04/24	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±.013 ±.01 1 PLACE ±.025 ±--- ANGULAR ±1/2°	DIMENSION STYLE MM/IN DRAWN BY DATE SMR 04/19/1993 CHECKED BY DATE APPROVED BY DATE SMR 04/19/1993	SCALE 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPT. .025 SQ PINS MOLEX INCORPORATED	MATERIAL NO. SEE TABLE DOCUMENT NO. SDA-70280-0001-4000	SHEET NO. 1 OF 9

	13	12	11	10	9	8	7	6	5	4	3	2	1
J	ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE			E REF.	J REF.	C ±(0.25) .010		CONNECTOR END PLATING		P.C. BOARD END PLATING		FOR PACKAGING INFORMATION. SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)
									TYPE	D MEAS.	TYPE	F MEAS.	
	-0281/-0320	R.F.M.			(2.92) .115	(12.83) .505	(7.62) .300		TIN	(4.57) .180	TIN	(1.27) .050	PK-70873-0090
I	-0361/-0399	R.F.M.			(3.68) .145	(17.02) .670	(11.05) .435		TIN	(6.46) .254	TIN	(1.23) .048	PK-70873-0276
H	-0549/-0588	R.F.M.			(2.72) .107	(11.10) .437	(6.10) .240		TIN	(2.54) .100	TIN	(1.27) .050	PK-70873-0090
									-0589/-0628	R.F.M.			(4.45) .175

	CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
		N.A.	AX-70280-0281							N/A	A-70280-0549	N/A	ENG-70280-0589			
G	04	010-97-7047	A-70280-0282			70280-0361	A-70280-0361			70280-0550	A-70280-0550	70280-0590	A-70280-0590			04
	06	010-97-7067	A-70280-0283			70280-0362	A-70280-0362			70280-0551	A-70280-0551	70280-0591	A-70280-0591			06
G	08	010-97-7087	A-70280-0284			70280-0363	A-70280-0363			70280-0552	A-70280-0552	70280-0592	A-70280-0592			08
	10	010-97-7107	A-70280-0285			70280-0364	A-70280-0364			70280-0553	A-70280-0553	70280-0593	A-70280-0593			10
G	12	010-97-7127	A-70280-0286			70280-0365	A-70280-0365			70280-0554	A-70280-0554	70280-0594	A-70280-0594			12
	14	010-97-7147	A-70280-0287			70280-0366	A-70280-0366			70280-0555	A-70280-0555	70280-0595	A-70280-0595			14
G	16	010-97-7167	A-70280-0288			70280-0367	A-70280-0367			70280-0556	A-70280-0556	70280-0596	A-70280-0596			16
	18	010-97-7187	A-70280-0289			70280-0368	A-70280-0368			70280-0557	A-70280-0557	70280-0597	A-70280-0597			18
F	20	010-97-7207	A-70280-0290			70280-0369	A-70280-0369			70280-0558	A-70280-0558	70280-0598	A-70280-0598			20
	22	010-97-7227	A-70280-0291			70280-0370	A-70280-0370			70280-0559	A-70280-0559	70280-0599	A-70280-0599			22
F	24	010-97-7247	A-70280-0292			70280-0371	A-70280-0371			70280-0560	A-70280-0560	70280-0600	A-70280-0600			24
	26	010-97-7267	A-70280-0293			70280-0372	A-70280-0372			70280-0561	A-70280-0561	70280-0601	A-70280-0601			26
F	28	010-97-7287	A-70280-0294			70280-0373	A-70280-0373			70280-0562	A-70280-0562	70280-0602	A-70280-0602			28
	30	010-97-7307	A-70280-0295			70280-0374	A-70280-0374			70280-0563	A-70280-0563	70280-0603	A-70280-0603			30
F	32	010-97-7327	A-70280-0296			70280-0375	A-70280-0375			70280-0564	A-70280-0564	70280-0604	A-70280-0604			32
	34	010-97-7347	A-70280-0297			70280-0376	A-70280-0376			70280-0565	A-70280-0565	70280-0605	A-70280-0605			34
E	36	010-97-7367	A-70280-0298			70280-0377	A-70280-0377			70280-0566	A-70280-0566	70280-0606	A-70280-0606			36
	38	010-97-7387	A-70280-0299			70280-0378	A-70280-0378			70280-0567	A-70280-0567	70280-0607	A-70280-0607			38
E	40	010-97-7407	A-70280-0300			70280-0379	A-70280-0379			70280-0568	A-70280-0568	70280-0608	A-70280-0608			40
	42	010-97-7427	A-70280-0301			70280-0380	A-70280-0380			70280-0569	A-70280-0569	70280-0609	A-70280-0609			42
E	44	010-97-7447	A-70280-0302			70280-0381	A-70280-0381			70280-0570	A-70280-0570	70280-0610	A-70280-0610			44
	46	010-97-7467	A-70280-0303			70280-0382	A-70280-0382			70280-0571	A-70280-0571	70280-0611	A-70280-0611			46
E	48	010-97-7487	A-70280-0304			70280-0383	A-70280-0383			70280-0572	A-70280-0572	70280-0612	A-70280-0612			48
	50	010-97-7507	A-70280-0305			70280-0384	A-70280-0384			70280-0573	A-70280-0573	70280-0613	A-70280-0613			50
E	52	010-97-7527	A-70280-0306			70280-0385	A-70280-0385			70280-0574	A-70280-0574	70280-0614	A-70280-0614			52
	54	010-97-7547	A-70280-0307			70280-0386	A-70280-0386			70280-0575	A-70280-0575	70280-0615	A-70280-0615			54
D	56	010-97-7567	A-70280-0308			70280-0387	A-70280-0387			70280-0576	A-70280-0576	70280-0616	A-70280-0616			56
	58	010-97-7587	A-70280-0309			70280-0388	A-70280-0388			70280-0577	A-70280-0577	70280-0617	A-70280-0617			58
D	60	010-97-7607	A-70280-0310			70280-0389	A-70280-0389			70280-0578	A-70280-0578	70280-0618	A-70280-0618			60
	62	010-97-7627	A-70280-0311			70280-0390	A-70280-0390			70280-0579	A-70280-0579	70280-0619	A-70280-0619			62
D	64	010-97-7647	A-70280-0312			70280-0391	A-70280-0391			70280-0580	A-70280-0580	70280-0620	A-70280-0620			64
	66	010-97-7667	A-70280-0313			70280-0392	A-70280-0392			70280-0581	A-70280-0581	70280-0621	A-70280-0621			66
C	68	010-97-7687	A-70280-0314			70280-0393	A-70280-0393			70280-0582	A-70280-0582	70280-0622	A-70280-0622			68
	70	010-97-7707	A-70280-0315			70280-0394	A-70280-0394			70280-0583	A-70280-0583	70280-0623	A-70280-0623			70
C	72	010-97-7727	A-70280-0316			70280-0395	A-70280-0395			70280-0584	A-70280-0584	70280-0624	A-70280-0624			72
	74	010-97-7747	A-70280-0317			70280-0396	A-70280-0396			70280-0585	A-70280-0585	70280-0625	A-70280-0625			74
C	76	010-97-7767	A-70280-0318			70280-0397	A-70280-0397			70280-0586	A-70280-0586	70280-0626	A-70280-0626			76
	78	010-97-7787	A-70280-0319			70280-0398	A-70280-0398			70280-0587	A-70280-0587	70280-0627	A-70280-0627			78
C	80	010-97-7807	A-70280-0320			70280-0399	A-70280-0399			70280-0588	A-70280-0588	70280-0628	A-70280-0628			80

B	UPDATE DIMENSIONS EC NO: UCP2007-1440 DRAWN: P. DIDER CHKD: ADERR APPR: FSM TH 2006/12/18 2006/12/18 2007/01/10 DESCRIPTION REV: G3	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	DRAWN BY SMR	DATE 04/19/1993	TITLE SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPTION, .025 SQ PINS
A	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2°		APPROVED BY SMR		DATE 04/19/1993		MOLEX INCORPORATED	
		SEE CHART		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
								SDA-70280-0001-4000	
								3 OF 8	
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	