

	13		12		11	
	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	
I	12	(15.24)	.600	(12.70)	.500	
	14	(17.78)	.700	(15.24)	.600	
	16	(20.32)	.800	(17.78)	.700	
	18	(22.86)	.900	(20.32)	.800	
	20	(25.40)	1.000	(22.86)	.900	
H	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	
	30	(38.10)	1.500	(35.56)	1.400	
G	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	
F	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	
E	52	(66.04)	2.600	(63.50)	2.500	
	54	(68.58)	2.700	(66.04)	2.600	
	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	
D	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	
	68	(86.36)	3.400	(83.82)	3.300	
	70	(88.90)	3.500	(86.36)	3.400	
C	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	
	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	
	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	

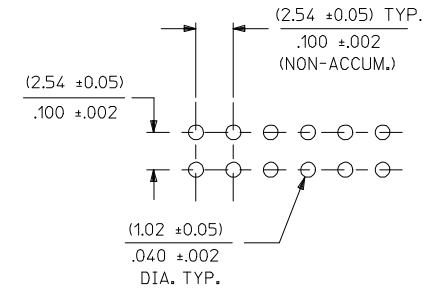
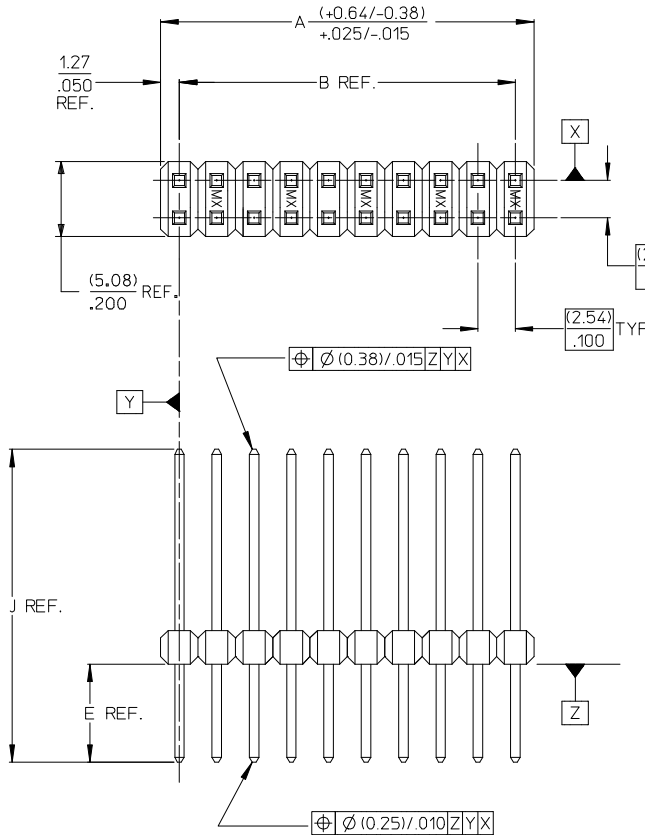
NOTES:

1. MATERIAL:
PIN: COPPER ALLOY
WAFER: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER,
UL 94V-0, COLOR: BLACK.

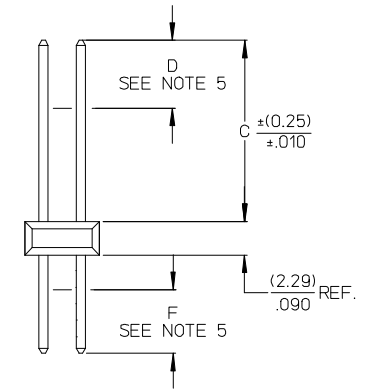
2. FINISH:

- 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.

* 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



3. PRODUCT SPECIFICATION NONE
4. PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES)
BULK PACK PER PK-70873-0353.
5. MEASURE POINT FOR PLATING THICKNESS.
6. FOR ASSEMBLIES WITH VOIDED PINS, REFER TO DRAWING NO.
SDA-70280-5001-9999.
7. PIN PUSHOUT FORCE 3 POUNDS MINIMUM IN EITHER DIRECTION.
8. FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
9. 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)
10. PARTS CONFORM TO CLASS B OF COSMETIC SPECIFICATION
PS-45499-002

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)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ±--- ANGULAR ±1/2°	DRAWN BY SMR	DATE 04/19/1993	TITLE SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPT. .025 SQ PINS	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY SMR	DATE 04/19/1993	MOLEX INCORPORATED	SHEET NO. 1 OF 9
		G6	MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-70280-0001-4000	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

	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)	J				
									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	I				
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	H				
	-0589/-0628	R.F.M.			(4.45) .175	(12.83) .505	(6.10) .240		TIN	(2.54) .100		TIN	(1.27) .050		H				
G	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	G		
		N.A.	AX-70280-0281							N/A	A-70280-0549	N/A	A-70280-0589						
	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			
	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			
	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			
	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	F		
	22	010-97-7227	A-70280-0291			70280-0370	A-70280-0370			70280-0559	A-70280-0559	70280-0599	A-70280-0599			22			
	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			
	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			
	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			
	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	E		
	42	010-97-7427	A-70280-0301			70280-0380	A-70280-0380			70280-0569	A-70280-0569	70280-0609	A-70280-0609			42			
	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			
	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			
	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			
	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	D		
	62	010-97-7627	A-70280-0311			70280-0390	A-70280-0390			70280-0579	A-70280-0579	70280-0619	A-70280-0619			62			
	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			
	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			
	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			
	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			
B	80	010-97-7807	A-70280-0320			70280-0399	A-70280-0399			70280-0588	A-70280-0588	70280-0628	A-70280-0628			80	B		
A						UPDATE DIMENSIONS EC NO: UCP2007-1440 DRAWN BY: DER CHKD: ADERR APPR: FSM TH 2006/12/18 2006/12/18 2007/01/10		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°		DIMENSION STYLE MM/IN DRAWN BY DATE SMR 04/19/1993 CHECKED BY DATE		SCALE --- DESIGN UNITS INCH		THIRD ANGLE PROJECTION		SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPTION, .025 SQ PINS MOLEX INCORPORATED	SHEET NO. 3 OF 8	A
tb_frame_C_P_ME_T Rev. E 2006/04/15		12	11	10	9	8	7	6	5	4	3	2	1						