

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0702800605](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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

NOTES:

- MATERIAL:**
PIN: COPPER ALLOY
WAFER: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER, UL 94V-0, COLOR: BLACK.
- FINISH:**
TIN = (0.00380)/0.000150 MINIMUM TIN PLATE OVER (0.00127)/0.000050 MINIMUM NICKEL PLATE.
15 GOLD = (0.00038)/0.00015 MINIMUM GOLD PLATE IN SELECT AREA, (0.00190)/0.000075 MINIMUM TIN PLATE IN SELECT AREA, OVER (0.00127)/0.000050 MINIMUM NICKEL PLATE OVERALL.
30 GOLD = (0.00076)/0.000030 MINIMUM GOLD PLATE IN SELECT AREA, (0.00190)/0.000075 MINIMUM TIN PLATE IN SELECT AREA, OVER (0.00127)/0.000050 MINIMUM NICKEL PLATE OVERALL.
GT15 = (0.00038)/0.00015 MINIMUM GOLD PLATE IN SELECT AREA, (0.00254)/0.000100 MINIMUM TIN PLATE IN SELECT AREA, OVER (0.00127)/0.000050 MINIMUM NICKEL PLATE OVERALL.

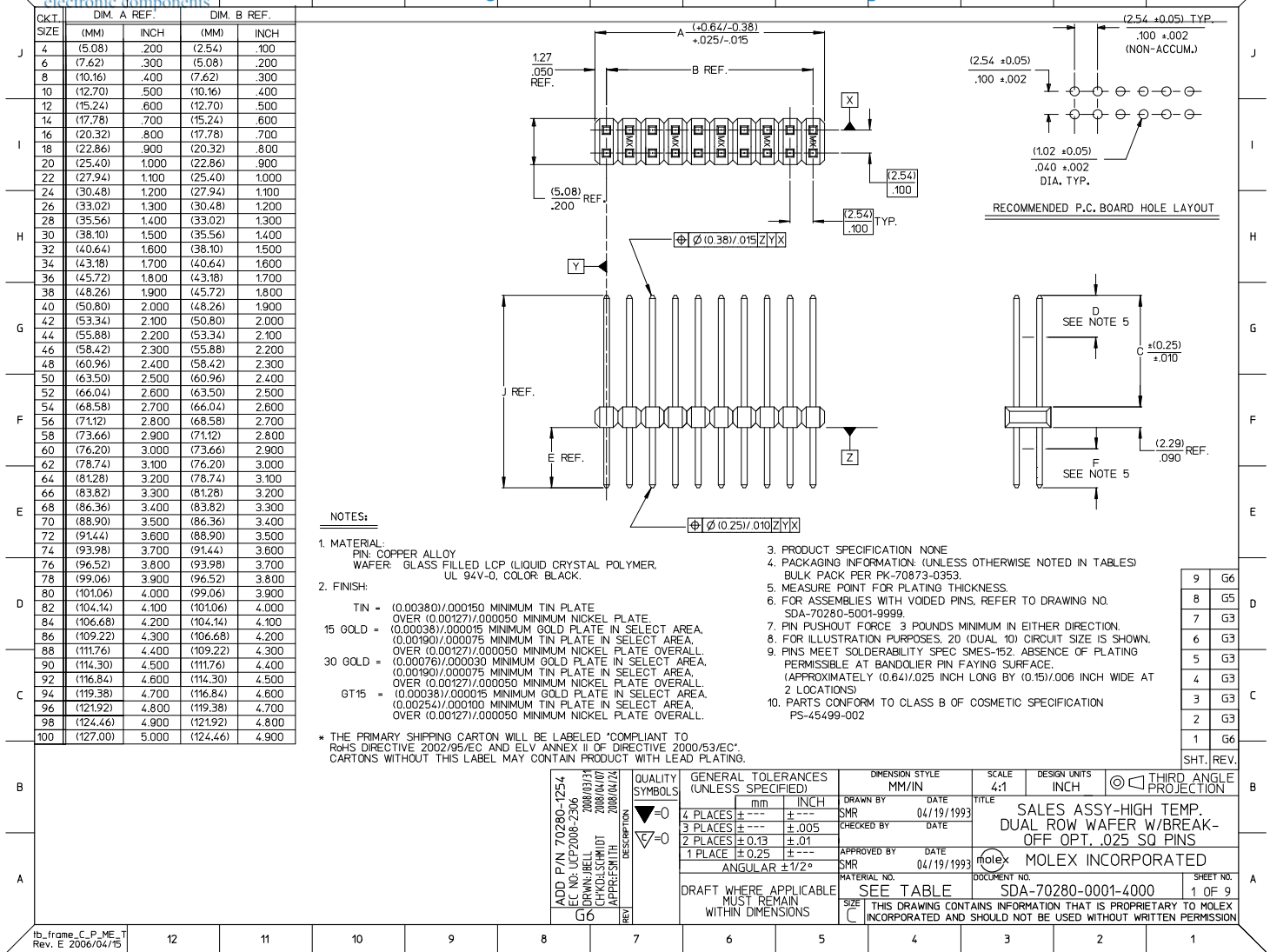
- PRODUCT SPECIFICATION NONE
- PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES)
BULK PACK PER PK-70873-0353.
- MEASURE POINT FOR PLATING THICKNESS.
- FOR ASSEMBLIES WITH VOIDED PINS, REFER TO DRAWING NO. SDA-70280-5001-9999.
- PIN PUSHOUT FORCE 3 POUNDS MINIMUM IN EITHER DIRECTION.
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
- PINS MEET SOLDERABILITY SPEC SMES-152. ABSENCE OF PLATING PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE. (APPROXIMATELY 0.641/.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.

ADD P/N	EC NO.	DRAWN BY	CHKD BY	APPROVED BY	DATE	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	MOLEX INCORPORATED	DOCUMENT NO.	SHEET NO.
								mm	INCH	MM/IN	INCH							
070280-1254	UCP2008-2306	2008/03/13	2008/04/07	2008/04/24			▽=0 ▽=0	4 PLACES ±---	±---	DATE	DATE	4:1	INCH	THIRD ANGLE PROJECTION	SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPT. .025 SQ PINS	MOLEX INCORPORATED	SDA-70280-0001-4000	1 OF 9
								3 PLACES ±---	±.005	SMR	04/19/1993							
								2 PLACES ±.13	±.01	CHECKED BY	DATE							
								1 PLACE ±0.25	±---	APPROVED BY	DATE							
								ANGULAR ±1/2°		SMR	04/19/1993							
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE								
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE C								

tb_frame_C_P_ME_T
Rev. E 2006/04/15

12 11 10 9 8 7 6 5 4 3 2 1



		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 PACKAGNG 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																																																																															
		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	CKTS																																																																																						
G		04	010-97-7047	A-70280-0282			70280-0361	A-70280-0361		N/A	A-70280-0549	N/A	A-70280-0589																																																																																								
		06	010-97-7067	A-70280-0283			70280-0362	A-70280-0362		70280-0550	A-70280-0550	70280-0590	A-70280-0590		04																																																																																						
		08	010-97-7087	A-70280-0284			70280-0363	A-70280-0363		70280-0551	A-70280-0551	70280-0591	A-70280-0591		06																																																																																						
		10	010-97-7107	A-70280-0285			70280-0364	A-70280-0364		70280-0552	A-70280-0552	70280-0592	A-70280-0592		08																																																																																						
		12	010-97-7127	A-70280-0286			70280-0365	A-70280-0365		70280-0553	A-70280-0553	70280-0593	A-70280-0593		10																																																																																						
		14	010-97-7147	A-70280-0287			70280-0366	A-70280-0366		70280-0554	A-70280-0554	70280-0594	A-70280-0594		12																																																																																						
		16	010-97-7167	A-70280-0288			70280-0367	A-70280-0367		70280-0555	A-70280-0555	70280-0595	A-70280-0595		14																																																																																						
		18	010-97-7187	A-70280-0289			70280-0368	A-70280-0368		70280-0556	A-70280-0556	70280-0596	A-70280-0596		16																																																																																						
		20	010-97-7207	A-70280-0290			70280-0369	A-70280-0369		70280-0557	A-70280-0557	70280-0597	A-70280-0597		18																																																																																						
		22	010-97-7227	A-70280-0291			70280-0370	A-70280-0370		70280-0558	A-70280-0558	70280-0598	A-70280-0598		20																																																																																						
F		24	010-97-7247	A-70280-0292			70280-0371	A-70280-0371		70280-0559	A-70280-0559	70280-0599	A-70280-0599		22																																																																																						
		26	010-97-7267	A-70280-0293			70280-0372	A-70280-0372		70280-0560	A-70280-0560	70280-0600	A-70280-0600		24																																																																																						
		28	010-97-7287	A-70280-0294			70280-0373	A-70280-0373		70280-0561	A-70280-0561	70280-0601	A-70280-0601		26																																																																																						
		30	010-97-7307	A-70280-0295			70280-0374	A-70280-0374		70280-0562	A-70280-0562	70280-0602	A-70280-0602		28																																																																																						
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		34	010-97-7347	A-70280-0297			70280-0376	A-70280-0376		70280-0564	A-70280-0564	70280-0604	A-70280-0604		32																																																																																						
		36	010-97-7367	A-70280-0298			70280-0377	A-70280-0377		70280-0565	A-70280-0565	70280-0605	A-70280-0605		34																																																																																						
		38	010-97-7387	A-70280-0299			70280-0378	A-70280-0378		70280-0566	A-70280-0566	70280-0606	A-70280-0606		36																																																																																						
D		40	010-97-7407	A-70280-0300			70280-0379	A-70280-0379		70280-0567	A-70280-0567	70280-0607	A-70280-0607		38																																																																																						
		42	010-97-7427	A-70280-0301			70280-0380	A-70280-0380		70280-0568	A-70280-0568	70280-0608	A-70280-0608		40																																																																																						
		44	010-97-7447	A-70280-0302			70280-0381	A-70280-0381		70280-0569	A-70280-0569	70280-0609	A-70280-0609		42																																																																																						
		46	010-97-7467	A-70280-0303			70280-0382	A-70280-0382		70280-0570	A-70280-0570	70280-0610	A-70280-0610		44																																																																																						
C		48	010-97-7487	A-70280-0304			70280-0383	A-70280-0383		70280-0571	A-70280-0571	70280-0611	A-70280-0611		46																																																																																						
		50	010-97-7507	A-70280-0305			70280-0384	A-70280-0384		70280-0572	A-70280-0572	70280-0612	A-70280-0612		48																																																																																						
		52	010-97-7527	A-70280-0306			70280-0385	A-70280-0385		70280-0573	A-70280-0573	70280-0613	A-70280-0613		50																																																																																						
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		62	010-97-7627	A-70280-0311			70280-0390	A-70280-0390		70280-0578	A-70280-0578	70280-0618	A-70280-0618		60																																																																																						
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		66	010-97-7667	A-70280-0313			70280-0392	A-70280-0392		70280-0580	A-70280-0580	70280-0620	A-70280-0620		64																																																																																						
		68	010-97-7687	A-70280-0314			70280-0393	A-70280-0393		70280-0581	A-70280-0581	70280-0621	A-70280-0621		66																																																																																						
		70	010-97-7707	A-70280-0315			70280-0394	A-70280-0394		70280-0582	A-70280-0582	70280-0622	A-70280-0622		68																																																																																						
		72	010-97-7727	A-70280-0316			70280-0395	A-70280-0395		70280-0583	A-70280-0583	70280-0623	A-70280-0623		70																																																																																						
		74	010-97-7747	A-70280-0317			70280-0396	A-70280-0396		70280-0584	A-70280-0584	70280-0624	A-70280-0624		72																																																																																						
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		80	010-97-7807	A-70280-0320			70280-0399	A-70280-0399		70280-0587	A-70280-0587	70280-0627	A-70280-0627		78																																																																																						
											70280-0588	A-70280-0588	70280-0628	A-70280-0628		80																																																																																					
		<table><tr><td rowspan="4">UPDATE DIMENSIONS EC NO: UCP2007-1440 DRAWN BY: 2006/12/18 CHKD BY: 2006/12/18 APPR: SMTH 2007/01/10</td><td rowspan="4">QUALITY SYMBOLS ▽=0 ▽=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE</td><td colspan="2">SCALE</td><td colspan="2">DESIGN UNITS</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2"></td><td colspan="2">MM/IN</td><td colspan="2">---</td><td colspan="2">INCH</td><td colspan="2" rowspan="7"> SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPTION, .025 SQ PINS MOLEX INCORPORATED </td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>SMR</td><td>DRAWN BY</td><td>DATE</td><td colspan="4">TITLE</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td></td><td>CHECKED BY</td><td>DATE</td><td colspan="4"></td></tr><tr><td rowspan="4">A</td><td rowspan="5"></td><td>2 PLACES</td><td>± ---</td><td>± ---</td><td></td><td>APPROVED BY</td><td>DATE</td><td colspan="4"></td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td></td><td>SMR</td><td>04/19/1993</td><td colspan="4"></td></tr><tr><td colspan="2">ANGULAR ±1/2°</td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td><td colspan="4">SEE CHART SDA-70280-0001-4000</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SIZE</td><td colspan="2">C</td><td colspan="4">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>																UPDATE DIMENSIONS EC NO: UCP2007-1440 DRAWN BY: 2006/12/18 CHKD BY: 2006/12/18 APPR: SMTH 2007/01/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION				MM/IN		---		INCH		SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPTION, .025 SQ PINS MOLEX INCORPORATED		4 PLACES	± ---	± ---	SMR	DRAWN BY	DATE	TITLE				3 PLACES	± ---	± ---		CHECKED BY	DATE					A		2 PLACES	± ---	± ---		APPROVED BY	DATE					1 PLACE	± ---	± ---		SMR	04/19/1993					ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SEE CHART SDA-70280-0001-4000				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
UPDATE DIMENSIONS EC NO: UCP2007-1440 DRAWN BY: 2006/12/18 CHKD BY: 2006/12/18 APPR: SMTH 2007/01/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION																																																																																											
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		13	12	11	10	9	8	7	6	5	4	3	2	1																																																																																							