

Excellent Integrated System Limited

Stocking Distributor

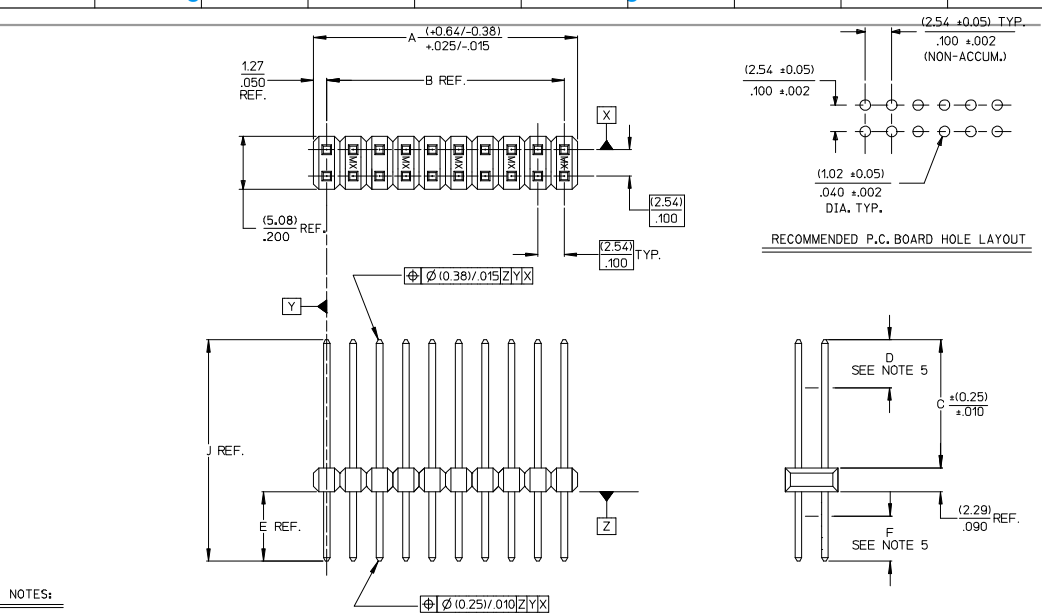
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[Molex Connector Corporation](#)
[0702800590](#)

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)	.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
	68	(86.36)	3.400	(83.82)	3.300
E	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
	80	(101.60)	4.000	(99.06)	3.900
D	82	(104.14)	4.100	(101.60)	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)/0.000150 MINIMUM TIN PLATE OVER (0.00127)/0.000050 MINIMUM NICKEL PLATE OVER (0.00038)/0.000015 MINIMUM GOLD PLATE IN SELECT AREA.
15 GOLD = (0.00127)/0.000050 MINIMUM NICKEL PLATE OVERALL.
30 GOLD = (0.00078)/0.000030 MINIMUM GOLD PLATE IN SELECT AREA, (0.00190)/0.000075 MINIMUM TIN PLATE IN SELECT AREA, (0.00078)/0.000030 MINIMUM NICKEL PLATE OVERALL.
GT15 = (0.00127)/0.000050 MINIMUM NICKEL PLATE OVERALL, (0.00038)/0.000015 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 PUSH-OUT 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)/0.025 INCH LONG BY (0.15)/0.006 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 70280-1254 EC NO: LCP2006-2306 DRAWN: JELL 2008/03/31 CHECKED: SCHMIDT 2008/04/07 APPROVED: SMITH 2008/04/24 DESCRIPTION: CGRID VT BKWY HDR TIN 4CKT (240/1254)	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm	INCH	MM/IN	4:1	INCH	
		4 PLACES ±---	±---			DRAWN BY	DATE	TITLE
		3 PLACES ±---	±.005			SMR	04/19/1993	SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPT. .025 SQ PINS
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		MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
		SEE TABLE	SDA-70280-0001-4000	1 OF 9				
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0702800590 - CGRID VT BKWY HDR TIN 4CKT (240/

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

ENGINEERING NUMBER A-70280-		RELEASE FOR MANUFACTURE	E REF.	J REF.	C (+0.25) (-0.10)	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.						
J	-0281/-0320	R.F.M.	(2.92) .15	(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					
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	EDP NUMBER	ENG NUMBER	CKTS
04	010-97-7047	A-70280-0281			70280-0361	A-70280-0361			N/A	A-70280-0549	N/A	A-70280-0589			04
06	010-97-7067	A-70280-0283			70280-0362	A-70280-0362			70280-0550	A-70280-0550	70280-0590	A-70280-0590			06
08	010-97-7087	A-70280-0284			70280-0363	A-70280-0363			70280-0551	A-70280-0551	70280-0591	A-70280-0591			08
10	010-97-7107	A-70280-0285			70280-0364	A-70280-0364			70280-0552	A-70280-0552	70280-0592	A-70280-0592			10
12	010-97-7127	A-70280-0286			70280-0365	A-70280-0365			70280-0553	A-70280-0553	70280-0593	A-70280-0593			12
14	010-97-7147	A-70280-0287			70280-0366	A-70280-0366			70280-0554	A-70280-0554	70280-0594	A-70280-0594			14
16	010-97-7167	A-70280-0288			70280-0367	A-70280-0367			70280-0555	A-70280-0555	70280-0595	A-70280-0595			16
18	010-97-7187	A-70280-0289			70280-0368	A-70280-0368			70280-0556	A-70280-0556	70280-0596	A-70280-0596			18
20	010-97-7207	A-70280-0290			70280-0369	A-70280-0369			70280-0557	A-70280-0557	70280-0597	A-70280-0597			20
22	010-97-7227	A-70280-0291			70280-0370	A-70280-0370			70280-0558	A-70280-0558	70280-0598	A-70280-0598			22
24	010-97-7247	A-70280-0292			70280-0371	A-70280-0371			70280-0559	A-70280-0559	70280-0599	A-70280-0599			24
26	010-97-7267	A-70280-0293			70280-0372	A-70280-0372			70280-0560	A-70280-0560	70280-0600	A-70280-0600			26
28	010-97-7287	A-70280-0294			70280-0373	A-70280-0373			70280-0561	A-70280-0561	70280-0601	A-70280-0601			28
30	010-97-7307	A-70280-0295			70280-0374	A-70280-0374			70280-0562	A-70280-0562	70280-0602	A-70280-0602			30
32	010-97-7327	A-70280-0296			70280-0375	A-70280-0375			70280-0563	A-70280-0563	70280-0603	A-70280-0603			32
34	010-97-7347	A-70280-0297			70280-0376	A-70280-0376			70280-0564	A-70280-0564	70280-0604	A-70280-0604			34
36	010-97-7367	A-70280-0298			70280-0377	A-70280-0377			70280-0565	A-70280-0565	70280-0605	A-70280-0605			36
38	010-97-7387	A-70280-0299			70280-0378	A-70280-0378			70280-0566	A-70280-0566	70280-0606	A-70280-0606			38
40	010-97-7407	A-70280-0300			70280-0379	A-70280-0379			70280-0567	A-70280-0567	70280-0607	A-70280-0607			40
42	010-97-7427	A-70280-0301			70280-0380	A-70280-0380			70280-0568	A-70280-0568	70280-0608	A-70280-0608			42
44	010-97-7447	A-70280-0302			70280-0381	A-70280-0381			70280-0569	A-70280-0569	70280-0609	A-70280-0609			44
46	010-97-7467	A-70280-0303			70280-0382	A-70280-0382			70280-0570	A-70280-0570	70280-0610	A-70280-0610			46
48	010-97-7487	A-70280-0304			70280-0383	A-70280-0383			70280-0571	A-70280-0571	70280-0611	A-70280-0611			48
50	010-97-7507	A-70280-0305			70280-0384	A-70280-0384			70280-0572	A-70280-0572	70280-0612	A-70280-0612			50
52	010-97-7527	A-70280-0306			70280-0385	A-70280-0385			70280-0573	A-70280-0573	70280-0613	A-70280-0613			52
54	010-97-7547	A-70280-0307			70280-0386	A-70280-0386			70280-0574	A-70280-0574	70280-0614	A-70280-0614			54
56	010-97-7567	A-70280-0308			70280-0387	A-70280-0387			70280-0575	A-70280-0575	70280-0615	A-70280-0615			56
58	010-97-7587	A-70280-0309			70280-0388	A-70280-0388			70280-0576	A-70280-0576	70280-0616	A-70280-0616			58
60	010-97-7607	A-70280-0310			70280-0389	A-70280-0389			70280-0577	A-70280-0577	70280-0617	A-70280-0617			60
62	010-97-7627	A-70280-0311			70280-0390	A-70280-0390			70280-0578	A-70280-0578	70280-0618	A-70280-0618			62
64	010-97-7647	A-70280-0312			70280-0391	A-70280-0391			70280-0579	A-70280-0579	70280-0619	A-70280-0619			64
66	010-97-7667	A-70280-0313			70280-0392	A-70280-0392			70280-0580	A-70280-0580	70280-0620	A-70280-0620			66
68	010-97-7687	A-70280-0314			70280-0393	A-70280-0393			70280-0581	A-70280-0581	70280-0621	A-70280-0621			68
70	010-97-7707	A-70280-0315			70280-0394	A-70280-0394			70280-0582	A-70280-0582	70280-0622	A-70280-0622			70
72	010-97-7727	A-70280-0316			70280-0395	A-70280-0395			70280-0583	A-70280-0583	70280-0623	A-70280-0623			72
74	010-97-7747	A-70280-0317			70280-0396	A-70280-0396			70280-0584	A-70280-0584	70280-0624	A-70280-0624			74
76	010-97-7767	A-70280-0318			70280-0397	A-70280-0397			70280-0585	A-70280-0585	70280-0625	A-70280-0625			76
78	010-97-7787	A-70280-0319			70280-0398	A-70280-0398			70280-0586	A-70280-0586	70280-0626	A-70280-0626			78
80	010-97-7807	A-70280-0320			70280-0399	A-70280-0399			70280-0587	A-70280-0587	70280-0627	A-70280-0627			80
80	010-97-7807	A-70280-0320			70280-0399	A-70280-0399			70280-0588	A-70280-0588	70280-0628	A-70280-0628			80

UPDATE DIMENSIONS IEC NO: UCP2007-1440 DRAWN BY: 2006/12/18 CHK'D BY: 2006/12/18 APPR'D BY: 2007/07/10	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 CHECKED BY: DATE: APPROVED BY: SMR DATE: 04/19/1993
		MATERIAL NO. MOLEX INCORPORATED DOCUMENT NO. SDA-70280-0001-4000 SHEET NO. 3 OF 8
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		