

Excellent Integrated System Limited

Stocking Distributor

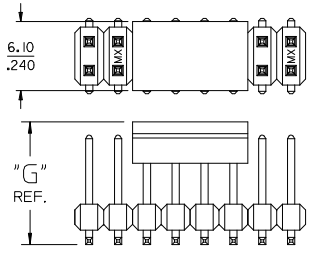
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0015910728](#)

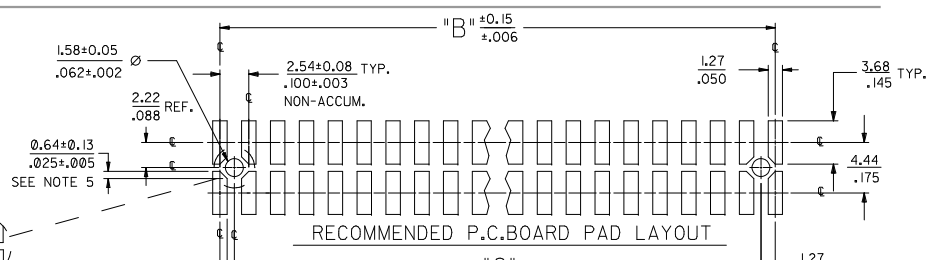
For any questions, you can email us directly:

sales@integrated-circuit.com

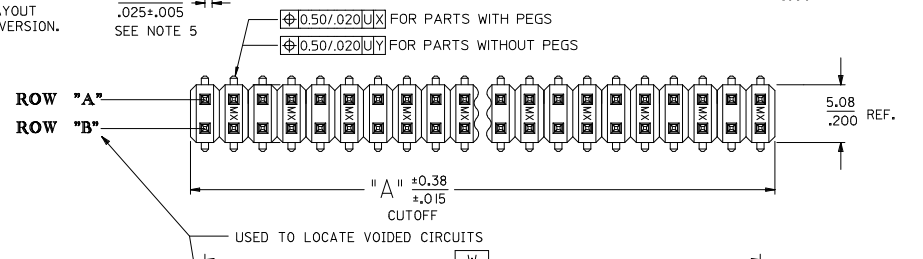
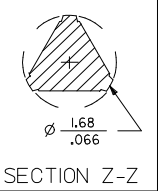
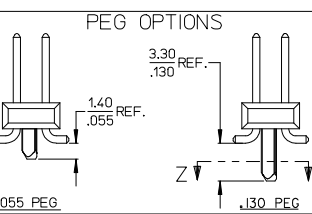
OPTIONAL
PICK AND PLACE CAP
SEE NOTES 4 & 9.



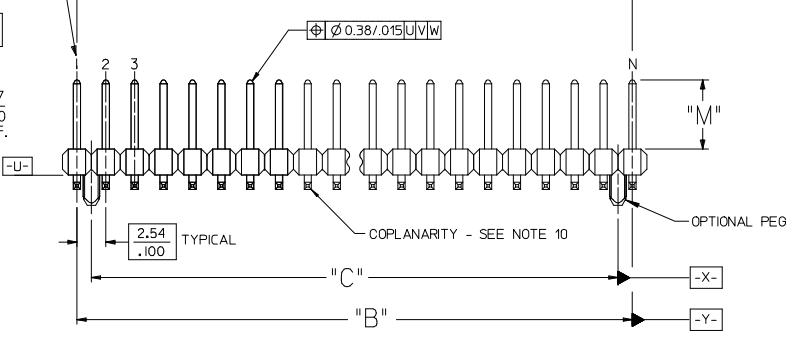
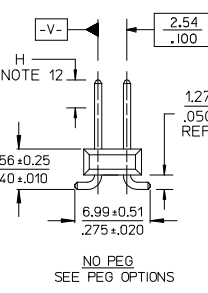
DIM. "M"	DIM. "G"
6.10 .240	10.67 .420
8.13 .320	12.70 .500



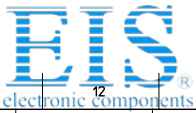
P.C. BOARD PAD LAYOUT
AT ENDS FOR NO PEG VERSION.



- NOTES:
- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
 - FINISH:
59 TIN - 0.00150/.00059 MIN. BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/.00150 MIN. BRIGHT TIN OVER NICKEL OVERALL.
REFLOWED MATTE TIN - 0.00152/.00060 MIN. REFLOWED MATTE TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/.00015 MIN. GOLD IN SELECT AREA OVER 0.00191/.00075 MIN. TIN IN SELECT AREA OVER NICKEL OVERALL.
30 GOLD - 0.00076/.00030 MIN. GOLD IN SELECT AREA OVER 0.00191/.00075 MIN. TIN IN SELECT AREA OVER NICKEL OVERALL.
50 GOLD - 0.00127/.00050 MIN. GOLD IN SELECT AREA OVER 0.00254/.00100 MIN. TIN IN SELECT AREA OVER NICKEL OVERALL.
 - PART TO CONFORM TO PS-71308.
 - PACKAGING (SEE CHARTS): BULK: PER PK-70873-0353
TUBES: PER PK-70873-0041.
71308-82** IN TUBES: PER PK-70873-042.
TUBES W/ VAC CAPS: PER PK-70873-0691
TAPE AND REEL W/ VAC CAPS: PER PK-70873-0805.
SEE SHEET 3 FOR TAPE & REEL PRODUCT WITH SHALLOW POCKET REQUIREMENTS.
 - TYP. DIMENSIONS FOR LANDS SURROUNDING HOLES FOR RETENTION PEGS.
 - PIN SOLERABILITY PER MOLEX SPEC. SMES-152.
 - SEE SHEETS 2-6 FOR CHARTED DIMS., PART/EDP NO'S, AND VOIDED CIRCUITS.
 - PIN PUSHOUT FORCE: 3 LBS. MINIMUM.
 - PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA WILL BE IN CENTER OF PART.
 - COPLANARITY FOR CIRCUIT SIZES UP TO 40 IS 0.15 MM/0.06 INCH. FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - MEASURE POINT FOR PLATING THICKNESS.



QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	MM/IN	DATE	INCH	INCH	
▽=0	4 PLACES ±	---	KMS	1999/10/15			SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100 molex SD-71308-001
▽=0	3 PLACES ±	±.005	CHECKED BY	DATE			
▽=0	2 PLACES ±	±.010	APPROVED BY	DATE			
▽=0	1 PLACE ±	±.025					
	0 PLACE ±	---					
	ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLES		SD-71308-001		1 OF 6
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



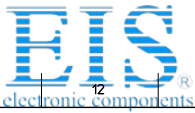
Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0015910728 - CONN HEADER 72POS GOLD SMD

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

Main table with columns for DIM. A, DIM. B, EDP NUMBER, and various connector specifications. Includes rows for DIM. M, PLATING, and DIM. H.

Technical drawing area containing: NO PEG VERSION (SEE ALSO SHEET 3), QUALITY SYMBOLS, GENERAL TOLERANCES, DIMENSION STYLE, SCALE, DESIGN UNITS, THIRD ANGLE PROJECTION, and MOLEX logo.



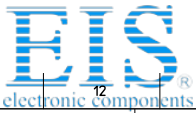
13 12 11 10 9 8 7 6 5 4 3 2 1

					IN TAPE AND REEL WITH SHALLOW POCKET TAPE					BULK / IN TUBES				
PACKAGING SEE NOTE 4. SHT 1					TAPE-N-REEL W/ VAC CAPS					TAPE-N-REEL W/ VAC CAPS				
4-8 CKT					TAPE-N-REEL W/ VAC CAPS					TAPE-N-REEL W/ VAC CAPS				
10-100 CKT					TAPE-N-REEL W/ VAC CAPS					TAPE-N-REEL W/ VAC CAPS				
DIM. M±0.25 MM					6.10 (.240)					6.10 (.240)				
PLATING					30 GOLD					15 GOLD				
DIM. H					2.54 (.100)					2.54 (.100)				
CKTS	DIM. A		DIM. B		EDP NUMBER	EDP NUMBER					EDP NUMBER	EDP NUMBER	CKTS	
	MM	IN	MM	IN										
04	5.08	.200	2.54	.100									04	
06	7.62	.300	5.08	.200		015-91-6068							06	
08	10.16	.400	7.62	.300		015-91-6088							08	
10	12.70	.500	10.16	.400		015-91-6108				713088010	71308-8210		10	
12	15.24	.600	12.70	.500									12	
14	17.78	.700	15.24	.600	015-91-6148								14	
16	20.32	.800	17.78	.700						713088016			16	
18	22.86	.900	20.32	.800									18	
20	25.40	1.000	22.86	.900									20	
22	27.94	1.100	25.40	1.000									22	
24	30.48	1.200	27.94	1.100									24	
26	33.02	1.300	30.48	1.200									26	
28	35.56	1.400	33.02	1.300									28	
30	38.10	1.500	35.56	1.400									30	
32	40.64	1.600	38.10	1.500									32	
34	43.18	1.700	40.64	1.600									34	
36	45.72	1.800	43.18	1.700									36	
38	48.26	1.900	45.72	1.800									38	
40	50.80	2.000	48.26	1.900									40	
42	53.34	2.100	50.80	2.000									42	
44	55.88	2.200	53.34	2.100									44	
46	58.42	2.300	55.88	2.200									46	
48	60.96	2.400	58.42	2.300									48	
50	63.50	2.500	60.96	2.400									50	
52	66.04	2.600	63.50	2.500									52	
54	68.58	2.700	66.04	2.600									54	
56	71.12	2.800	68.58	2.700									56	
58	73.66	2.900	71.12	2.800									58	
60	76.20	3.000	73.66	2.900									60	
62	78.74	3.100	76.20	3.000									62	
64	81.28	3.200	78.74	3.100									64	
66	83.82	3.300	81.28	3.200									66	
68	86.36	3.400	83.82	3.300									68	
70	88.90	3.500	86.36	3.400									70	
72	91.44	3.600	88.90	3.500									72	
74	93.98	3.700	91.44	3.600									74	
76	96.52	3.800	93.98	3.700									76	
78	99.06	3.900	96.52	3.800									78	
80	101.60	4.000	99.06	3.900									80	
82	104.14	4.100	101.60	4.000									82	
84	106.68	4.200	104.14	4.100									84	
86	109.22	4.300	106.68	4.200									86	
88	111.76	4.400	109.22	4.300									88	
90	114.30	4.500	111.76	4.400									90	
92	116.84	4.600	114.30	4.500									92	
94	119.38	4.700	116.84	4.600									94	
96	121.92	4.800	119.38	4.700									96	
98	124.46	4.900	121.92	4.800									98	
100	127.00	5.000	124.46	4.900									100	

NO PEG VERSION
(ALSO SEE SHEET 2)

SEE SHEET 1 EC NO: UCP2014-4901 DRAWN BY: 2015/08/12 CHKD: 2015/08/12 APPROV: 2015/09/10	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN			INCH		
		4 PLACES ±	mm	INCH	DRAWN BY	DATE	TITLE		
		3 PLACES ±	mm	INCH	KMS	1999/10/15	SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100		
2 PLACES ±	0.13	0.010	KMS	1999/10/15	molex				
1 PLACE ±	0.25		KMS	1999/10/15	SD-71308-001				
0 PLACE ±			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-71308-001		3 OF 6			
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13 12 11 10 9 8 7 6 5 4 3 2 1



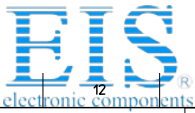
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Main table with columns for CKTS, DIM. A, DIM. B, DIM. C, EDP NUMBER, and various connector specifications.

Technical drawing area containing a title block with 'SHORT PEG VERSION (.055")', a table of general tolerances, dimension style, scale, and design units, and a signature block.



PEG-OPTION

Table with columns for NO PEG VERSION, LONG PEG VERSION (130'), and SHORT PEG VERSION (.055'). Includes sub-headers for NO PEG VERSION and LONG PEG VERSION (130'). Rows include DIM. M, PLATING, DIM. H, and a large table of CKTS (04 to 100) with dimensions and part numbers.

Technical drawing area containing: SEE SHEET 1, EC NO: UCP2014-4901, DIMENSION STYLE (MM/IN), SCALE, DESIGN UNITS (INCH), THIRD ANGLE PROJECTION, SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100, molex logo, SD-71308-001, SHEET NO. 6 OF 6, and a disclaimer: THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.