



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0015446812 - Connector Receptacle 12 Position 0.100" (2.54mm) Tin Through Hole

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

Excellent Integrated System Limited

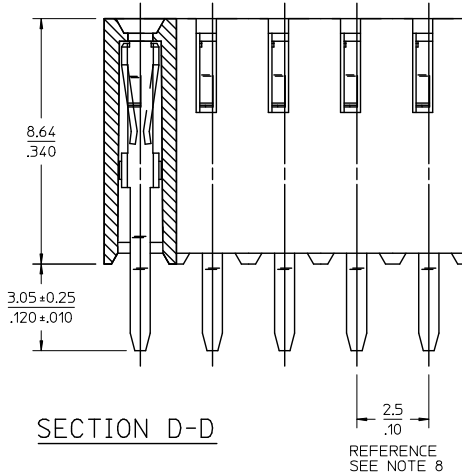
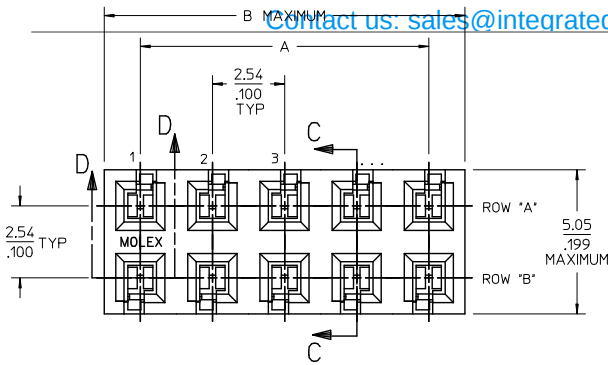
Stocking Distributor

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

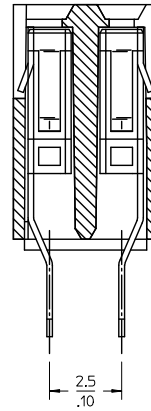
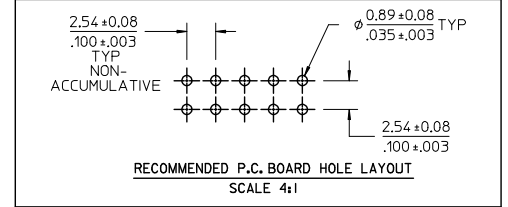
[Molex Connector Corporation](#)
[0015446812](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

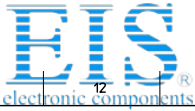


- NOTES:
1. HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER, UL 94V-0, COLOR: BLACK.
 2. FINISHES: SEE CHART SHEET 2.
 3. REFER TO PRODUCT SPECIFICATION PS-70181.
 4. PACKAGING IN TRAYS PER PK-70873-0660.
 5. SEE SHEET 2 FOR CIRCUIT SIZES AND OVERALL DIMENSIONS.
 6. RECOMMENDED PCB THICKNESS 1.37-1.80/.054-.071.
 7. PART COMPLIES WITH CLASS C REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 8. THE DESIGN OF THIS CONNECTOR ALLOWS THE TERMINAL TAIL TO FLOAT (MOVE). BECAUSE OF THIS, THE 2.5/.10 DIMENSION SHALL BE FOR REFERENCE ONLY.



SECTION C-C

ADD REF & NOTE 8	EC NO: UCP2013-5567 DRAWN BY: DRWMDJORGAN DATE: 2013/07/23 CHKD BY: CHKDMPJFF DATE: 2013/07/23 APPR: SMILLER DATE: 2016/03/17	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE	SALES VERTICAL MOUNT DUAL ROW HIGH TEMP .100 X .100 PC GRID		MATERIAL NO.	DOCUMENT NO.	SHEET NO.
								MM/IN	10:1	INCH								
								DRAWN BY	DATE									
								SKL	1988/02/29									
								CHECKED BY	DATE									
								MJM	1988/02/29									
								APPROVED BY	DATE									
								WAZ	1988/02/29									
								ANGULAR ±1/2°										
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												



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Datasheet of 0015446812 - Connector Receptacle 12 Position 0.100" (2.54mm) Tin Through

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

CKT. SIZE

TERMINAL: 70172-0004
PLATING: TIN

TERMINAL: 70172-0006
PLATING: 15 GOLD

TERMINAL: 70172-0008
PLATING: 30 GOLD

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

PER ROW	TOTAL	EDP NO		ENG NO		RELEASED FOR MANUFACTURING		EDP NO		ENG NO		RELEASED FOR MANUFACTURING		EDP NO		ENG NO		RELEASED FOR MANUFACTURING		DIM."A"		DIM."B"			
		MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH
2	4	15-44-6804	A-71850-0065	15-44-6804	A-71850-0065	15-44-5804	A-71850-0129	15-44-5804	A-71850-0129	15-44-5104	A-71850-0193	15-44-5104	A-71850-0193	2,54	.100	5,05	.199								
3	6	15-44-6806	A-71850-0066	15-44-6806	A-71850-0066	15-44-5806	A-71850-0130	15-44-5806	A-71850-0130	15-44-5106	A-71850-0194	15-44-5106	A-71850-0194	5,08	.200	7,59	.299								
4	8	15-44-6808	A-71850-0067	15-44-6808	A-71850-0067	15-44-5808	A-71850-0131	15-44-5808	A-71850-0131	15-44-5108	A-71850-0195	15-44-5108	A-71850-0195	7,62	.300	10,13	.399								
5	10	15-44-6810	A-71850-0068	15-44-6810	A-71850-0068	15-44-5810	A-71850-0132	15-44-5810	A-71850-0132	15-44-5110	A-71850-0196	15-44-5110	A-71850-0196	10,16	.400	12,67	.499								
6	12	15-44-6812	A-71850-0069	15-44-6812	A-71850-0069	15-44-5812	A-71850-0133	15-44-5812	A-71850-0133	15-44-5112	A-71850-0197	15-44-5112	A-71850-0197	12,70	.500	15,21	.599								
7	14	15-44-6814	A-71850-0070	15-44-6814	A-71850-0070	15-44-5814	A-71850-0134	15-44-5814	A-71850-0134	15-44-5114	A-71850-0198	15-44-5114	A-71850-0198	15,24	.600	17,75	.699								
8	16	15-44-6816	A-71850-0071	15-44-6816	A-71850-0071	15-44-5816	A-71850-0135	15-44-5816	A-71850-0135	15-44-5116	A-71850-0199	15-44-5116	A-71850-0199	17,78	.700	20,29	.799								
9	18	15-44-6818	A-71850-0072	15-44-6818	A-71850-0072	15-44-5818	A-71850-0136	15-44-5818	A-71850-0136	15-44-5118	A-71850-0200	15-44-5118	A-71850-0200	20,32	.800	22,83	.899								
10	20	15-44-6820	A-71850-0073	15-44-6820	A-71850-0073	15-44-5820	A-71850-0137	15-44-5820	A-71850-0137	15-44-5120	A-71850-0201	15-44-5120	A-71850-0201	22,86	.900	25,37	.999								
11	22	15-44-6822	A-71850-0074	15-44-6822	A-71850-0074	15-44-5822	A-71850-0138	15-44-5822	A-71850-0138	15-44-5122	A-71850-0202	15-44-5122	A-71850-0202	25,40	1,000	27,91	1,099								
12	24	15-44-6824	A-71850-0075	15-44-6824	A-71850-0075	15-44-5824	A-71850-0139	15-44-5824	A-71850-0139	15-44-5124	A-71850-0203	15-44-5124	A-71850-0203	27,94	1,100	30,45	1,199								
13	26	15-44-6826	A-71850-0076	15-44-6826	A-71850-0076	15-44-5826	A-71850-0140	15-44-5826	A-71850-0140	15-44-5126	A-71850-0204	15-44-5126	A-71850-0204	30,48	1,200	32,99	1,299								
14	28	15-44-6828	A-71850-0077	15-44-6828	A-71850-0077	15-44-5828	A-71850-0141	15-44-5828	A-71850-0141	15-44-5128	A-71850-0205	15-44-5128	A-71850-0205	33,02	1,300	35,53	1,399								
15	30	15-44-6830	A-71850-0078	15-44-6830	A-71850-0078	15-44-5830	A-71850-0142	15-44-5830	A-71850-0142	15-44-5130	A-71850-0206	15-44-5130	A-71850-0206	35,56	1,400	38,07	1,499								
16	32	15-44-6832	A-71850-0079	15-44-6832	A-71850-0079	15-44-5832	A-71850-0143	15-44-5832	A-71850-0143	15-44-5132	A-71850-0207	15-44-5132	A-71850-0207	38,10	1,500	40,61	1,599								
17	34	15-44-6834	A-71850-0080	15-44-6834	A-71850-0080	15-44-5834	A-71850-0144	15-44-5834	A-71850-0144	15-44-5134	A-71850-0208	15-44-5134	A-71850-0208	40,64	1,600	43,15	1,699								
18	36	15-44-6836	A-71850-0081	15-44-6836	A-71850-0081	15-44-5836	A-71850-0145	15-44-5836	A-71850-0145	15-44-5136	A-71850-0209	15-44-5136	A-71850-0209	43,18	1,700	45,69	1,799								
19	38	15-44-6838	A-71850-0082	15-44-6838	A-71850-0082	15-44-5838	A-71850-0146	15-44-5838	A-71850-0146	15-44-5138	A-71850-0210	15-44-5138	A-71850-0210	45,72	1,800	48,23	1,899								
20	40	15-44-6840	A-71850-0083	15-44-6840	A-71850-0083	15-44-5840	A-71850-0147	15-44-5840	A-71850-0147	15-44-5140	A-71850-0211	15-44-5140	A-71850-0211	48,26	1,900	50,77	1,999								
21	42	15-44-6842	A-71850-0084	15-44-6842	A-71850-0084	15-44-5842	A-71850-0148	15-44-5842	A-71850-0148	15-44-5142	A-71850-0212	15-44-5142	A-71850-0212	50,80	2,000	53,31	2,099								
22	44	15-44-6844	A-71850-0085	15-44-6844	A-71850-0085	15-44-5844	A-71850-0149	15-44-5844	A-71850-0149	15-44-5144	A-71850-0213	15-44-5144	A-71850-0213	53,34	2,100	55,85	2,199								
23	46	15-44-6846	A-71850-0086	15-44-6846	A-71850-0086	15-44-5846	A-71850-0150	15-44-5846	A-71850-0150	15-44-5146	A-71850-0214	15-44-5146	A-71850-0214	55,88	2,200	58,39	2,299								
24	48	15-44-6848	A-71850-0087	15-44-6848	A-71850-0087	15-44-5848	A-71850-0151	15-44-5848	A-71850-0151	15-44-5148	A-71850-0215	15-44-5148	A-71850-0215	58,42	2,300	60,93	2,399								
25	50	15-44-6850	A-71850-0088	15-44-6850	A-71850-0088	15-44-5850	A-71850-0152	15-44-5850	A-71850-0152	15-44-5150	A-71850-0216	15-44-5150	A-71850-0216	60,96	2,400	63,47	2,499								
26	52	15-44-6852	A-71850-0089	15-44-6852	A-71850-0089	15-44-5852	A-71850-0153	15-44-5852	A-71850-0153	15-44-5152	A-71850-0217	15-44-5152	A-71850-0217	63,50	2,500	66,01	2,599								
27	54	15-44-6854	A-71850-0090	15-44-6854	A-71850-0090	15-44-5854	A-71850-0154	15-44-5854	A-71850-0154	15-44-5154	A-71850-0218	15-44-5154	A-71850-0218	66,04	2,600	68,55	2,699								
28	56	15-44-6856	A-71850-0091	15-44-6856	A-71850-0091	15-44-5856	A-71850-0155	15-44-5856	A-71850-0155	15-44-5156	A-71850-0219	15-44-5156	A-71850-0219	68,58	2,700	71,09	2,799								
29	58	15-44-6858	A-71850-0092	15-44-6858	A-71850-0092	15-44-5858	A-71850-0156	15-44-5858	A-71850-0156	15-44-5158	A-71850-0220	15-44-5158	A-71850-0220	71,12	2,800	73,63	2,899								
30	60	15-44-6860	A-71850-0093	15-44-6860	A-71850-0093	15-44-5860	A-71850-0157	15-44-5860	A-71850-0157	15-44-5160	A-71850-0221	15-44-5160	A-71850-0221	73,66	2,900	76,17	2,999								
31	62	15-44-6862	A-71850-0094	15-44-6862	A-71850-0094	15-44-5862	A-71850-0158	15-44-5862	A-71850-0158	15-44-5162	A-71850-0222	15-44-5162	A-71850-0222	76,20	3,000	78,71	3,099								
32	64	15-44-6864	A-71850-0095	15-44-6864	A-71850-0095	15-44-5864	A-71850-0159	15-44-5864	A-71850-0159	15-44-5164	A-71850-0223	15-44-5164	A-71850-0223	78,74	3,100	81,25	3,199								
33	66	15-44-6866	A-71850-0096	15-44-6866	A-71850-0096	15-44-5866	A-71850-0160	15-44-5866	A-71850-0160	15-44-5166	A-71850-0224	15-44-5166	A-71850-0224	81,28	3,200	83,79	3,299								
34	68	15-44-6868	A-71850-0097	15-44-6868	A-71850-0097	15-44-5868	A-71850-0161	15-44-5868	A-71850-0161	15-44-5168	A-71850-0225	15-44-5168	A-71850-0225	83,82	3,300	86,33	3,399								
35	70	15-44-6870	A-71850-0098	15-44-6870	A-71850-0098	15-44-5870	A-71850-0162	15-44-5870	A-71850-0162	15-44-5170	A-71850-0226	15-44-5170	A-71850-0226	86,36	3,400	88,87	3,499								
36	72	15-44-6872	A-71850-0099	15-44-6872	A-71850-0099	15-44-5872	A-71850-0163	15-44-5872	A-71850-0163	15-44-5172	A-71850-0227	15-44-5172	A-71850-0227	88,90	3,500	91,41	3,599								
37	74	15-44-6874	A-71850-0100	15-44-6874	A-71850-0100	15-44-5874	A-71850-0164	15-44-5874	A-71850-0164	15-44-5174	A-71850-0228	15-44-5174	A-71850-0228	91,44	3,600	93,95	3,699								
38	76	15-44-6876	A-71850-0101	15-44-6876	A-71850-0101	15-44-5876	A-71850-0165	15-44-5876	A-71850-0165	15-44-5176	A-71850-0229	15-44-5176	A-71850-0229	93,98	3,700	96,49	3,799								
39	78	15-44-6878	A-71850-0102	15-44-6878	A-71850-0102	15-44-5878	A-71850-0166	15-44-5878	A-71850-0166	15-44-5178	A-71850-0230	15-44-5178	A-71850-0230	96,52	3,800	99,03	3,899								
40	80	15-44-6880	A-71850-0103	15-44-6880	A-71850-0103	15-44-5880	A-71850-0167	15-44-5880	A-71850-0167	15-44-5180	A-71850-0231	15-44-5180	A-71850-0231	99,06	3,900	101,57	3,999								

PLATING PER ES-88-***

TIN - (3.81 MICROMETERS)/150 MICROINCHES MINIMUM TIN OVERALL OVER NICKEL UNDERPLATE OVERALL.
15 GOLD - (0.38 MICROMETERS)/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA, (1.90 MICROMETERS)/75 MICROINCHES MINIMUM TIN IN SELECT AREA OVER NICKEL UNDERPLATE OVERALL.
30 GOLD - (0.76 MICROMETERS)/30 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA, (1.90 MICROMETERS)/75 MICROINCHES MINIMUM TIN IN SELECT AREA OVER NICKEL UNDERPLATE OVERALL.

SEE SHEET 1 EC NO: UCP2013-5567 2013/07/23 CHKD:MORGAN 2013/07/23 APPR:SMILLER 2016/05/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	SALES VERTICAL MOUNT DUAL ROW HIGH TEMP .100 X .100 PC GRID molex
		4 PLACES ±.005	±.005	DRAWN BY SKL	DATE 1988/02/29	TITLE SDA-71850-0***			
		3 PLACES ±.013							