

Excellent Integrated System Limited

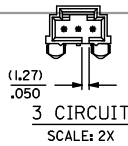
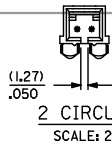
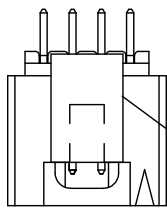
Stocking Distributor

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

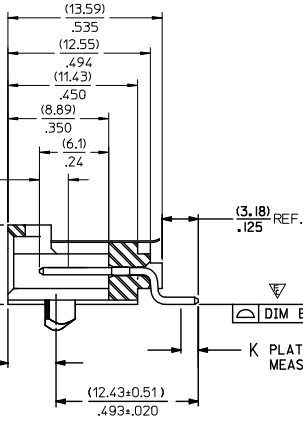
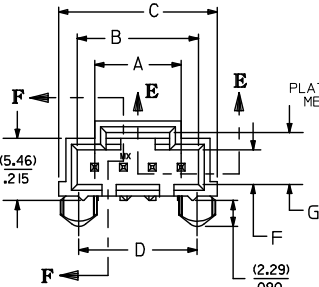
[Molex Connector Corporation](#)
[0015912065](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



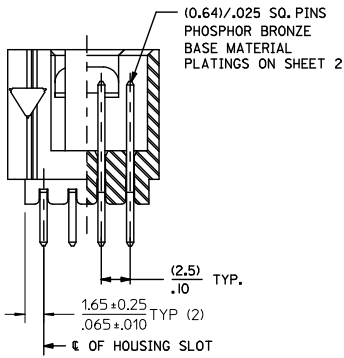
KAPTON TAPE
SEE NOTE 6 AND 7



SECTION F-F

NOTES

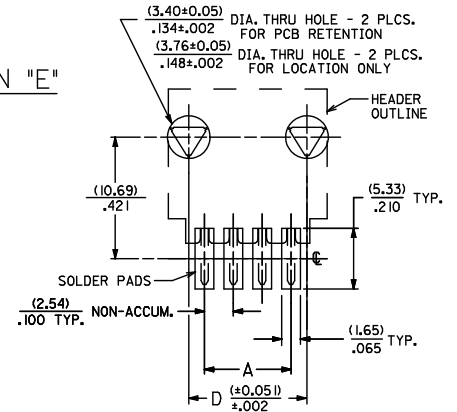
- 1) HOUSING MATERIAL: HIGH TEMPERATURE GLASS FILLED POLYESTER, 94V-0, COLOR: BLACK.
PIN MATERIAL: PHOSPHOR BRONZE
- 2) HEADER MATES TO 70400-**** AND 70430-**** OPTION 'G' SERIES CONNECTORS.
- 3) FOR PACKAGING OPTIONS REFER TO CHART ON SHEET 2.
- 4) SEE SHEET 2 FOR PIN PLATINGS.
- 5) REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
- 6) SEE CHART ON SHEET 2 TO DETERMINE PART NUMBERS WITH KAPTON TAPE.
- 7) KAPTON TAPE ADDED FOR PICK AND PLACE SYSTEMS. REMOVE KAPTON TAPE AFTER SOLDERING TO PREVENT INTERFERENCE WITH LATCH ON MATING PART.



SECTION E-E

CKT. SIZE	*A*		*B*		*C*		*D*		*E*		*F*		*G*	
	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.
2	2.54	.100	5.33	.210	8.64	.340	5.33	.210	0.13	.005	2.79	.110	4.32	.170
3	5.08	.200	8.13	.320	11.43	.450	7.87	.310	0.13	.005	3.05	.120	4.57	.180
4	7.62	.300	10.67	.420	13.97	.550	10.41	.410	0.13	.005	3.05	.120	4.57	.180
5	10.16	.400	13.21	.520	16.51	.650	12.95	.510	0.13	.005	3.05	.120	4.57	.180
6	12.70	.500	15.75	.620	19.05	.750	15.49	.610	0.13	.005	3.05	.120	4.57	.180
7	15.24	.600	18.29	.720	21.59	.850	18.03	.710	0.13	.005	3.05	.120	4.57	.180
8	17.78	.700	20.83	.820	24.13	.950	20.57	.810	0.13	.005	3.05	.120	4.57	.180
9	20.32	.800	23.37	.920	26.67	1.050	23.11	.910	0.13	.005	3.05	.120	4.57	.180
10	22.86	.900	25.91	1.020	29.21	1.150	25.65	1.010	0.13	.005	3.05	.120	4.57	.180
11	25.40	1.000	28.45	1.120	31.75	1.250	28.19	1.110	0.13	.005	3.05	.120	4.57	.180
12	27.94	1.100	30.99	1.220	34.29	1.350	30.73	1.210	0.13	.005	3.05	.120	4.57	.180
13	30.48	1.200	33.53	1.320	36.83	1.450	33.27	1.310	0.13	.005	3.05	.120	4.57	.180
14	33.02	1.300	36.07	1.420	39.37	1.550	35.81	1.410	0.13	.005	3.05	.120	4.57	.180
15	35.56	1.400	38.61	1.520	41.91	1.650	38.35	1.510	0.13	.005	3.05	.120	4.57	.180
16	38.10	1.500	41.15	1.620	44.45	1.750	40.89	1.610	0.15	.006	3.05	.120	4.57	.180
17	40.64	1.600	43.69	1.720	46.99	1.850	43.43	1.710	0.15	.006	3.05	.120	4.57	.180
18	43.18	1.700	46.23	1.820	49.53	1.950	45.97	1.810	0.15	.006	3.05	.120	4.57	.180
19	45.72	1.800	48.77	1.920	52.07	2.050	48.51	1.910	0.15	.006	3.05	.120	4.57	.180
20	48.26	1.900	51.31	2.020	54.61	2.150	51.05	2.010	0.15	.006	3.05	.120	4.57	.180
21	50.80	2.000	53.85	2.120	57.15	2.250	53.59	2.110	0.18	.007	3.05	.120	4.57	.180
22	53.34	2.100	56.39	2.220	59.69	2.350	56.13	2.210	0.18	.007	3.05	.120	4.57	.180
23	55.88	2.200	58.93	2.320	62.23	2.450	58.67	2.310	0.18	.007	3.05	.120	4.57	.180
24	58.42	2.300	61.47	2.420	64.77	2.550	61.21	2.410	0.18	.007	3.05	.120	4.57	.180
25	60.96	2.400	64.01	2.520	67.31	2.650	63.75	2.510	0.18	.007	3.05	.120	4.57	.180

OPTION "E"



RECOMMENDED P.C. BOARD PAD LAYOUT

TOLERANCE DIM F & G	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	MM/IN	DATE			
4 PLACES ± .005	▽=0	± .005	± .005	E I K	1993/06/02	4:1	INCH	SALES ASSEMBLY
3 PLACES ± .005	▽=0	± .005	± .005	E I K	1993/06/02			SMT HEADER - RIGHT ANGLE
2 PLACES ± .013	▽=0	± .010	± .010	E I K	1993/06/02			.100 CENTERS W/PCB PEGS
1 PLACE ± 0.25	▽=0	± .010	± .010	E I K	1993/06/02			molex
0 PLACE ± .005	▽=0	± .010	± .010	E I K	2010/02/08			SDA-70634-****
ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO.		SHEET NO.
								1 OF 3



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0015912065 - CONN HEADER 6POS .100 R/A SMD

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

ENGINEERING NUMBER A-70634-	MANUFACTURE RELEASE STATUS					PLATING TYPE SEE BELOW	CONNECTOR END PLATING		P.C. BOARD END PLATING		PACKAGING		
							TYPE	H MEASURE POINT	TYPE	K MEASURE POINT	KAPTON TAPE	OPTION	PACKAGE PER PK-70873
-0001-0024	R.F.M.					TIN	TIN	(2.54) .100	TIN	(1.27) .050	NO	TUBE	-016
-0036-0059	R.F.M.					15 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050	NO	TUBE	-016
-0071-0094	R.F.M.					30 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050	NO	TUBE	-016
-0106-0129	R.F.M.					TIN	TIN	(2.54) .100	TIN	(1.27) .050	YES	CARRIER TAPE	-001
-0141-0164	R.F.M.					15 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050	YES	CARRIER TAPE	-001
-0176-0199	R.F.M.					30 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050	YES	CARRIER TAPE	-001

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
02	I5-91-3024	A-70634-0001	I5-91-2025	A-70634-0036	I5-91-3023	A-70634-0071	I5-91-6029	A-70634-0106	I5-91-7020	A-70634-0141	I5-91-7021	A-70634-0176			02
03	I5-91-3034	A-70634-0002	I5-91-2035	A-70634-0037	I5-91-3033	A-70634-0072	I5-91-6039	A-70634-0107	I5-91-7030	A-70634-0142	I5-91-7031	A-70634-0177			03
04	I5-91-3044	A-70634-0003	I5-91-2045	A-70634-0038	I5-91-3043	A-70634-0073	I5-91-6049	A-70634-0108	I5-91-7040	A-70634-0143	I5-91-7041	A-70634-0178			04
05	I5-91-3054	A-70634-0004	I5-91-2055	A-70634-0039	I5-91-3053	A-70634-0074	I5-91-6059	A-70634-0109	I5-91-7050	A-70634-0144	I5-91-7051	A-70634-0179			05
06	I5-91-3064	A-70634-0005	I5-91-2065	A-70634-0040	I5-91-3063	A-70634-0075	I5-91-6069	A-70634-0110	I5-91-7060	A-70634-0145	I5-91-7061	A-70634-0180			06
07	I5-91-3074	A-70634-0006	I5-91-2075	A-70634-0041	I5-91-3073	A-70634-0076	I5-91-6079	A-70634-0111	I5-91-7070	A-70634-0146	I5-91-7071	A-70634-0181			07
08	I5-91-3084	A-70634-0007	I5-91-2085	A-70634-0042	I5-91-3083	A-70634-0077	I5-91-6089	A-70634-0112	I5-91-7080	A-70634-0147	I5-91-7081	A-70634-0182			08
09	I5-91-3094	A-70634-0008	I5-91-2095	A-70634-0043	I5-91-3093	A-70634-0078	I5-91-6099	A-70634-0113	I5-91-7090	A-70634-0148	I5-91-7091	A-70634-0183			09
10	I5-91-3104	A-70634-0009	I5-91-2105	A-70634-0044	I5-91-3103	A-70634-0079	I5-91-6109	A-70634-0114	I5-91-7100	A-70634-0149	I5-91-7101	A-70634-0184			10
11	I5-91-3114	A-70634-0010	I5-91-2115	A-70634-0045	I5-91-3113	A-70634-0080	I5-91-6119	A-70634-0115	I5-91-7110	A-70634-0150	I5-91-7111	A-70634-0185			11
12	I5-91-3124	A-70634-0011	I5-91-2125	A-70634-0046	I5-91-3123	A-70634-0081	I5-91-6129	A-70634-0116	I5-91-7120	A-70634-0151	I5-91-7121	A-70634-0186			12
13	I5-91-3134	A-70634-0012	I5-91-2135	A-70634-0047	I5-91-3133	A-70634-0082	I5-91-6139	A-70634-0117	I5-91-7130	A-70634-0152	I5-91-7131	A-70634-0187			13
14	I5-91-3144	A-70634-0013	I5-91-2145	A-70634-0048	I5-91-3143	A-70634-0083	I5-91-6149	A-70634-0118	I5-91-7140	A-70634-0153	I5-91-7141	A-70634-0188			14
15	I5-91-3154	A-70634-0014	I5-91-2155	A-70634-0049	I5-91-3153	A-70634-0084	I5-91-6159	A-70634-0119	I5-91-7150	A-70634-0154	I5-91-7151	A-70634-0189			15
16	I5-91-3164	A-70634-0015	I5-91-2165	A-70634-0050	I5-91-3163	A-70634-0085	I5-91-6169	A-70634-0120	I5-91-7160	A-70634-0155	I5-91-7161	A-70634-0190			16
17	I5-91-3174	A-70634-0016	I5-91-2175	A-70634-0051	I5-91-3173	A-70634-0086	I5-91-6179	A-70634-0121	I5-91-7170	A-70634-0156	I5-91-7171	A-70634-0191			17
18	I5-91-3184	A-70634-0017	I5-91-2185	A-70634-0052	I5-91-3183	A-70634-0087	I5-91-6189	A-70634-0122	I5-91-7180	A-70634-0157	I5-91-7181	A-70634-0192			18
19	I5-91-3194	A-70634-0018	I5-91-2195	A-70634-0053	I5-91-3193	A-70634-0088	I5-91-6199	A-70634-0123	I5-91-7190	A-70634-0158	I5-91-7191	A-70634-0193			19
20	I5-91-3204	A-70634-0019	I5-91-2205	A-70634-0054	I5-91-3203	A-70634-0089	I5-91-6209	A-70634-0124	I5-91-7200	A-70634-0159	I5-91-7201	A-70634-0194			20
21	I5-91-3214	A-70634-0020	I5-91-2215	A-70634-0055	I5-91-3213	A-70634-0090	I5-91-6219	A-70634-0125	I5-91-7210	A-70634-0160	I5-91-7211	A-70634-0195			21
22	I5-91-3224	A-70634-0021	I5-91-2225	A-70634-0056	I5-91-3223	A-70634-0091	I5-91-6229	A-70634-0126	I5-91-7220	A-70634-0161	I5-91-7221	A-70634-0196			22
23	I5-91-3234	A-70634-0022	I5-91-2235	A-70634-0057	I5-91-3233	A-70634-0092	I5-91-6239	A-70634-0127	I5-91-7230	A-70634-0162	I5-91-7231	A-70634-0197			23
24	I5-91-3244	A-70634-0023	I5-91-2245	A-70634-0058	I5-91-3243	A-70634-0093	I5-91-6249	A-70634-0128	I5-91-7240	A-70634-0163	I5-91-7241	A-70634-0198			24
25	I5-91-3254	A-70634-0024	I5-91-2255	A-70634-0059	I5-91-3253	A-70634-0094	I5-91-6259	A-70634-0129	I5-91-7250	A-70634-0164	I5-91-7251	A-70634-0199			25

PLATING TYPE													
TIN (Sn) OVER ENTIRE PIN; THICKNESS=(3.75 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.													
15 GOLD SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.37 MICROMETER)/15 MICROINCH MINIMUM; SELECTIVE TIN (Sn) IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.													
30 GOLD SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.75 MICROMETER)/30 MICROINCH MINIMUM; SELECTIVE TIN (Sn) IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.													
SEE SHEET 1 EC NO: UCP2019-5147 2013/05/28 CHKD:MORGAN 2013/05/28 APPROVED: 2013/06/05 DESCRIPTION		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION				
					MM/IN			INCH					
			4 PLACES	±.005	±.005	DRAWN BY	DATE	TITLE SALES ASSEMBLY SMT HEADER - RIGHT ANGLE .100 CENTERS W/PCB PEGS molex					
			3 PLACES	±.010	±.010	CHECKED BY	DATE						
			2 PLACES	±0.13	±.010	EIK	1993/06/02						
			1 PLACE	±0.25	±.010	APPROVED BY	DATE						
			0 PLACE	±.005	±.010	SMILLER	2010/02/08						
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 3				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-70634-****						
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

1b_frame_C_P_AMT Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1
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ITEM NUMBER 70634-	PLATING TYPE SEE BELOW	CONNECTOR END PLATING		P.C. BOARD END PLATING		PACKAGING		
		TYPE	H MEASURE POINT	TYPE	K MEASURE POINT	KAPTON TAPE	OPTION	PACKAGE PER PK-70873
-0202-0225	50 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050	NO	TUBE	-016

CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	CKTS
02	70634-0202						02
03	70634-0203						03
04	70634-0204						04
05	70634-0205						05
06	70634-0206						06
07	70634-0207						07
08	70634-0208						08
09	70634-0209						09
10	70634-0210						10
11	70634-0211						11
12	70634-0212						12
13	70634-0213						13
14	70634-0214						14
15	70634-0215						15
16	70634-0216						16
17	70634-0217						17
18	70634-0218						18
19	70634-0219						19
20	70634-0220						20
21	70634-0221						21
22	70634-0222						22
23	70634-0223						23
24	70634-0224						24
25	70634-0225						25

PLATING TYPE

50 GOLD SELECTIVE GOLD (Au) IN THE CONTACT AREA: THICKNESS=(1.27 MICROMETER)/50 MICROINCH MINIMUM;
SELECTIVE TIN (Sn) IN THE PC TAIL AREA: THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM;
NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.

SEE SHEET 1 EC NO: UCP2013-5147 2013/05/28 DRAWN BY CHKD BY APPR. MILLER 2013/06/05 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	SALES ASSEMBLY SMT HEADER - RIGHT ANGLE .100 CENTERS W/PCB PEGS molex	DOCUMENT NO. SDA-70634-****	SHEET NO. 3 OF 3				
		4 PLACES ± --- ± ---		DRAWN BY DATE EIK 1993/06/02		TITLE									
		3 PLACES ± --- ± .005		CHECKED BY DATE EIK 1993/06/02		APPROVED BY DATE SMILLER 2010/02/08									
		2 PLACES ± 0.13 ± .010		1 PLACE ± 0.25 ± ---		0 PLACE ± --- ± ---									
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									