



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 15-44-4520 - Connector Receptacle 40 Position 0.100" (2.54mm) Gold 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](#)
[15-44-4520](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

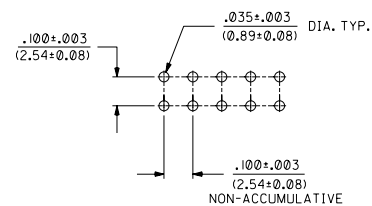
HOUSING—MATERIAL
COLOR: BLACK

2 - TERMINAL MATERIAL: PHOSPHOR BRONZE

3 - SEE ADDITIONAL SHEETS FOR CHARTS, PLATINGS, AND OVERALL DIMENSIONS

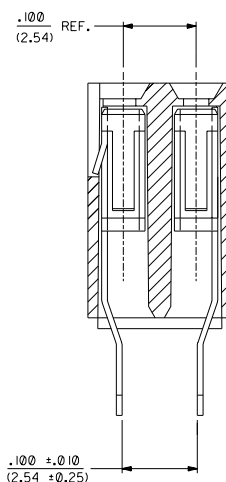
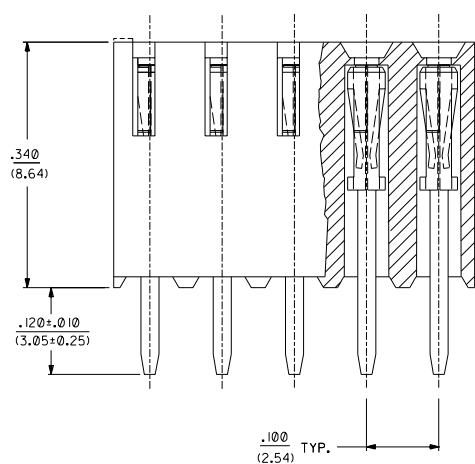
4 - THIS PRODUCT CONFORMS TO PS-70181

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RECOMMENDED P.C. BOARD
HOLE LAYOUT

SCALE = 4:1

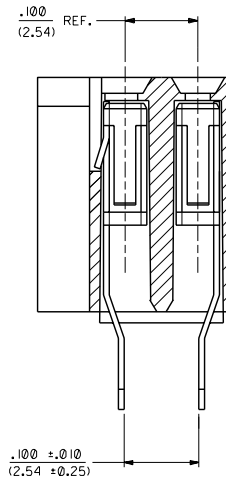
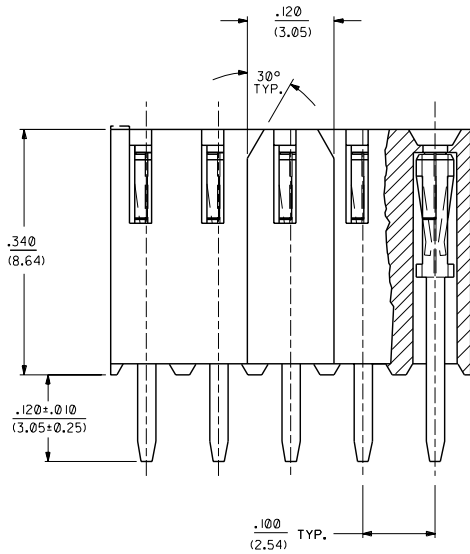
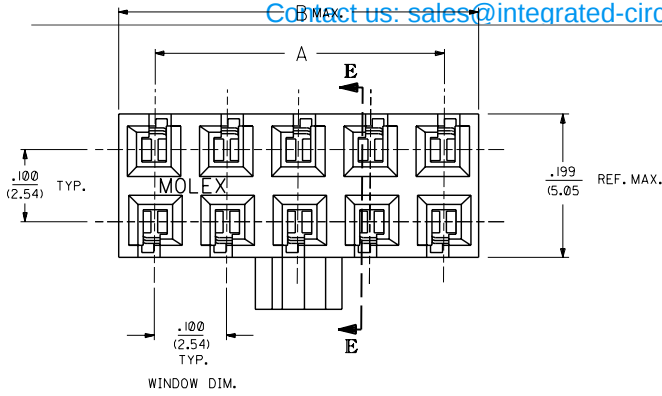


SECTION E-E

DIMENSIONS SHOWN UNLESS NOTED UNLESS OTHERWISE SPECIFIED TOLERANCES ARE IN $\frac{1}{32}$ "		$\nabla = 0$ IF ∇ SH. REV. REVISIONS	REVERSE ONLY ON CAD SYSTEM
TITLE: CONNECTOR VERT MOUNT DUAL ROW (TOP ENTRY), 100 X 1.0 P.C. TAIL GRID		SHEET NO. DATE 1 OF 3 09/10/93	
INCH METRIC 1 PLACE $\pm .010$ 2 PLACE $\pm .015$ 3 PLACE $\pm .035$		MOLEX INCORPORATED 1551 E. 66352 U.S.A.	
DRAFT: THESE APP. CALLS MUST REMAIN WITH THESE DIMENSIONS		PART NO. DWG. NO. U.S.A.	
DWG. BY APPR. BY	CHG. OF SCALE 1:1 PM	FILE NAME 240492K1	REV. DATE D SIZE

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

NOTES:
1- SEE SHEET 1 FOR APPLICABLE NOTES.



SECTION E-E

SINGAPORE ONLY
OPTION -F-
WITH POLARIZING KEY

MFG. SH.		REV.	LTR.	REVISIONS
V = 0		REVISE ONLY ON CAD SYSTEM		
TITLE				
CONNECTOR, VERT. MOUNT, DUAL ROW (TOP ENTRY) .100 X .100 P.C. TAIL GRID				
MOLEX INCORPORATED		SHEET NO.		DATE
LITTLE FALLS, N.J.		2		07/17/90
PART NO.		DRAWING NO.		SIZE
SEE CHART		SDA-70192-****		DA C
DRAWN BY: PM		CHECKED BY: PM		TEST:
APPROVED BY: PM		SCALE: 1		DATE
FILE NAME: SA70192X2		TWO DRAWINGS CONTAINING INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DATE



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 15-44-4520 - Connector Receptacle 40 Position 0.100" (2.54mm) Gold Through Hole

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

J	CKT SIZE		PLATING: TIN		PLATING: 15-44-4520		PLATING: 15-44-4520		OPTION F ASSEMBLY		TOOLED. IN SINGAPORE ONLY		SPEC. SHEET		SPEC. SHEET	
	PER ROW	TOTAL	EDP NO.	ENG NO.	EDP NO.	ENG NO.	EDP NO.	ENG NO.	EDP NO.	ENG NO.	EDP NO.	ENG NO.	EDP NO.	ENG NO.	EDP NO.	ENG NO.
I			PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660	
			DIM."A"		DIM."B"		DIM."A"		DIM."B"		DIM."A"		DIM."B"		DIM."A"	
H			INCH		MM		INCH		MM		INCH		MM		INCH	
G	02	04	15-45-1302	A-70192-0065	15-44-3202	A-70192-0129	15-44-4502	A-70192-0193					1.100	2.54	.199	5.05
	03	06	15-45-1303	A-70192-0066	15-44-3203	A-70192-0130	15-44-4503	A-70192-0194					.200	5.08	.299	7.59
F	04	08	15-45-1304	A-70192-0067	15-44-3204	A-70192-0131	15-44-4504	A-70192-0195					.300	7.62	.399	10.13
	05	10	15-45-1305	A-70192-0068	15-44-3205	A-70192-0132	15-44-4505	A-70192-0196					.400	10.16	.499	12.67
E	06	12	15-45-1306	A-70192-0069	15-44-3206	A-70192-0133	15-44-4506	A-70192-0197					.500	12.70	.599	15.21
	07	14	15-45-1307	A-70192-0070	15-44-3207	A-70192-0134	15-44-4507	A-70192-0198					.600	15.24	.699	17.75
D	08	16	15-45-1308	A-70192-0071	15-44-3208	A-70192-0135	15-44-4508	A-70192-0199					.700	17.78	.799	20.29
	09	18	15-45-1309	A-70192-0072	15-44-3209	A-70192-0136	15-44-4509	A-70192-0200					.800	20.32	.899	22.83
C	10	20	15-45-1310	A-70192-0073	15-44-3210	A-70192-0137	15-44-4510	A-70192-0201					.900	22.86	.999	25.37
	11	22	15-45-1311	A-70192-0074	15-44-3211	A-70192-0138	15-44-4511	A-70192-0202					1.000	25.40	1.099	27.91
B	12	24	15-45-1312	A-70192-0075	15-44-3212	A-70192-0139	15-44-4512	A-70192-0203					1.100	27.94	1.199	30.45
	13	26	15-45-1313	A-70192-0076	15-44-3213	A-70192-0140	15-44-4513	A-70192-0204					1.200	30.48	1.299	32.99
A	14	28	15-45-1314	A-70192-0077	15-44-3214	A-70192-0141	15-44-4514	A-70192-0205					1.300	33.02	1.399	35.53
	15	30	15-45-1315	A-70192-0078	15-44-3215	A-70192-0142	15-44-4515	A-70192-0206					1.400	35.56	1.499	38.07
J	16	32	15-45-1316	A-70192-0079	15-44-3216	A-70192-0143	15-44-4516	A-70192-0207					1.500	38.10	1.599	40.61
	17	34	15-45-1317	A-70192-0080	15-44-3217	A-70192-0144	15-44-4517	A-70192-0208					1.600	40.64	1.699	43.15
I	18	36	15-45-1318	A-70192-0081	15-44-3218	A-70192-0145	15-44-4518	A-70192-0209					1.700	43.18	1.799	45.69
	19	38	15-45-1319	A-70192-0082	15-44-3219	A-70192-0146	15-44-4519	A-70192-0210					1.800	45.72	1.899	48.23
H	20	40	15-45-1320	A-70192-0083	15-44-3220	A-70192-0147	15-44-4520	A-70192-0211					1.900	48.26	1.999	50.77
	21	42	15-45-1321	A-70192-0084	15-44-3221	A-70192-0148	15-44-4521	A-70192-0212					2.000	50.80	2.099	53.31
G	22	44	15-45-1322	A-70192-0085	15-44-3222	A-70192-0149	15-44-4522	A-70192-0213					2.100	53.34	2.199	55.85
	23	46	15-45-1323	A-70192-0086	15-44-3223	A-70192-0150	15-44-4523	A-70192-0214					2.200	55.88	2.299	58.39
F	24	48	15-45-1324	A-70192-0087	15-44-3224	A-70192-0151	15-44-4524	A-70192-0215					2.300	58.42	2.399	60.93
	25	50	15-45-1325	A-70192-0088	15-44-3225	A-70192-0152	15-44-4525	A-70192-0216	15-44-6625	A-70192-0280			2.400	60.96	2.499	63.47
E	26	52	15-45-1326	A-70192-0089	15-44-3226	A-70192-0153	15-44-4526	A-70192-0217					2.500	63.50	2.599	66.01
	27	54	15-45-1327	A-70192-0090	15-44-3227	A-70192-0154	15-44-4527	A-70192-0218					2.600	66.04	2.699	68.55
D	28	56	15-45-1328	A-70192-0091	15-44-3228	A-70192-0155	15-44-4528	A-70192-0219					2.700	68.58	2.799	71.09
	29	58	15-45-1329	A-70192-0092	15-44-3229	A-70192-0156	15-44-4529	A-70192-0220					2.800	71.12	2.899	73.63
C	30	60	15-45-1330	A-70192-0093	15-44-3230	A-70192-0157	15-44-4530	A-70192-0221					2.900	73.66	2.999	76.17
	31	62	15-45-1331	A-70192-0094	15-44-3231	A-70192-0158	15-44-4531	A-70192-0222					3.000	76.20	3.099	78.71
B	32	64	15-45-1332	A-70192-0095	15-44-3232	A-70192-0159	15-44-4532	A-70192-0223					3.100	78.74	3.199	81.25
	33	66	15-45-1333	A-70192-0096	15-44-3233	A-70192-0160	15-44-4533	A-70192-0224					3.200	81.28	3.299	83.79
A	34	68	15-45-1334	A-70192-0097	15-44-3234	A-70192-0161	15-44-4534	A-70192-0225					3.300	83.82	3.399	86.33
	35	70	15-45-1335	A-70192-0098	15-44-3235	A-70192-0162	15-44-4535	A-70192-0226					3.400	86.36	3.499	88.87
J	36	72	15-45-1336	A-70192-0099	15-44-3236	A-70192-0163	15-44-4536	A-70192-0227					3.500	88.90	3.599	91.41
	37	74	15-45-1337	A-70192-0100	15-44-3237	A-70192-0164	15-44-4537	A-70192-0228					3.600	91.44	3.699	93.95
I	38	76	15-45-1338	A-70192-0101	15-44-3238	A-70192-0165	15-44-4538	A-70192-0229					3.700	93.98	3.799	96.49
	39	78	15-45-1339	A-70192-0102	15-44-3239	A-70192-0166	15-44-4539	A-70192-0230					3.800	96.52	3.899	99.03
H	40	80	15-45-1340	A-70192-0103	15-44-3240	A-70192-0167	15-44-4540	A-70192-0231					3.900	99.06	3.999	101.57

•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:																
TIN (3.75 MICROMETER)/150 MICROINCH MINIMUM TIN OVER (1.25 MICROMETER)/50 MICROINCH MINIMUM NICKEL OVERALL.																
15 GOLD (0.37 MICROMETER)/15 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; (1.88 MICROMETER)/75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER (1.25 MICROMETER)/50 MICROINCH MINIMUM NICKEL OVERALL.																
30 GOLD (0.75 MICROMETER)/30 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; (1.88 MICROMETER)/75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER (1.25 MICROMETER)/50 MICROINCH MINIMUM NICKEL OVERALL.																
LTR. REVISIONS LTR. REVISIONS																
DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 3 PLACES ± .0001 ± .0001 2 PLACES ± .0002 ± .0002 1 PLACE ± .0005 ± .0005 DRAFT WHERE APPLICABLE MUST REMAIN WITH DIMENSIONS DRG. NO. T.M. CHG. NO. MCB APP'D. BY MCB SCALE 10:1																
TITLE: VERTICAL MOUNT ASSY DUAL ROW TOP ENTRY .100 X .100 P.C. TAIL GRID MOLEX INCORPORATED SHEET NO. 3 DATE 07/17/90 SEE CHART SDA-70192-*** THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.																

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