



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 15-44-4524 - Connector Receptacle 48 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](#)
[15-44-4524](#)

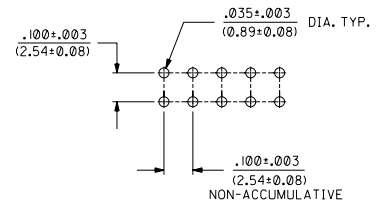
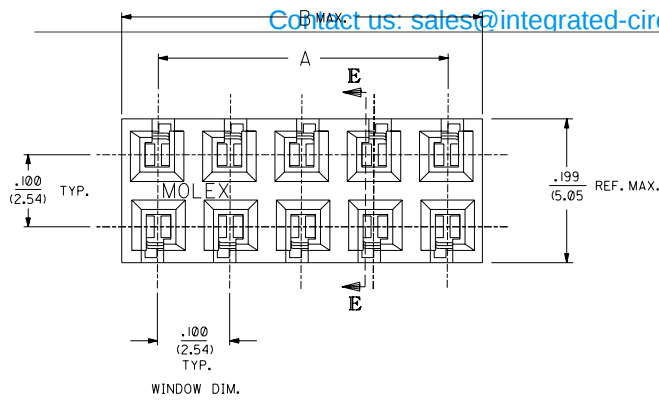
For any questions, you can email us directly:

sales@integrated-circuit.com

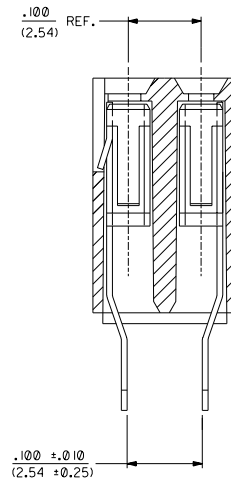
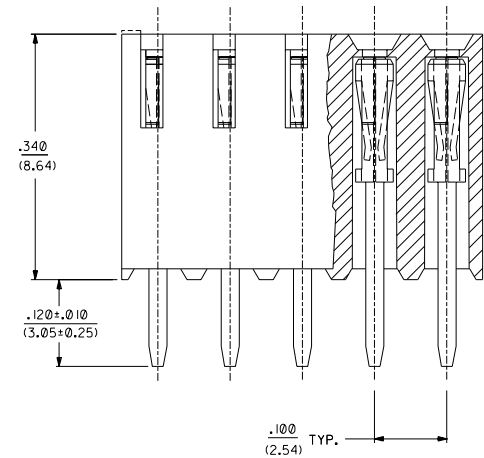
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NOTES:

- 1 - HOUSING MATERIAL: GLASS FILLED POLYESTER, UL 94V-0, COLOR: BLACK
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE
- 3 - SEE ADDITIONAL SHEETS FOR CHARTS, PLATINGS, AND OVERALL DIMENSIONS
- 4 - THIS PRODUCT CONFORMS TO PS-70181.



RECOMMENDED P.C. BOARD
HOLE LAYOUT
SCALE = 4:1



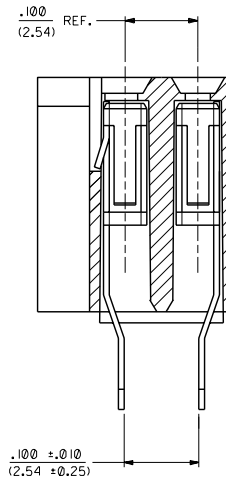
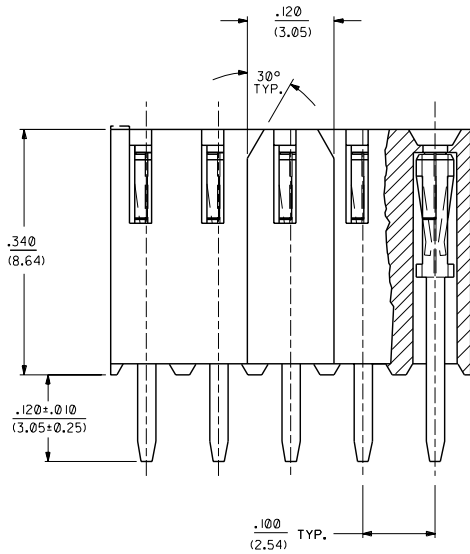
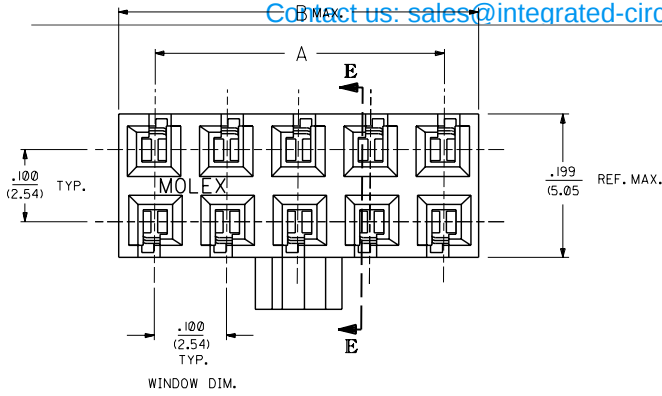
SECTION E-E

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED		TOLERANCES: ANGULAR ± 1/2°	
1 PLACE	± .010	---	---	---	---
2 PLACE	± .014	± 0.25	---	---	---
3 PLACE	---	± 0.35	---	---	---
DRAFT: WHERE APPLICABLE, MUST REMAIN WITHIN DIMENSIONS					
DRWG. BY	PM	CHK'D. BY	PM	FILE NAME	SA70192X1.DGN
APP'D. BY	PM	SCALE	10:1	THIS DRAWING CONCERNING INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DA	DATE: 09/10/93
TITLE		CONNECTOR VERT MOUNT DUAL ROW (TOP ENTRY) .100 X .10 P.C. TAIL GRID		SHEET NO. 1 OF 3	
MOLEX INCORPORATED		LIT. C. 40531		U.S.A.	
PART NO.		SDA-70192		DATE: 09/10/93	
SEE CHART		SDA-70192		DATE: 09/10/93	

C	LEAD FREE
C	UCP2004-1770
C	RWHITE 84/04/28
B	CHANGE PACK SPEC
B	ECN# 1012000-0503
B	DMORGAN 99/12/09
3	C
2	A
1	C
I	C
MFG. SH.	REV.
LTR.	REVISIONS

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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 LYSLE, ILL. 60532 U.S.A.		SHEET NO. 2		DATE 07/17/90
PART NO. 15-44-4524		DRAWING NO. SDA-70192-0000		TEST: DA C
DRAWN: PM		CHK'D: PM		SCALE: 1
APP'D: PM		SCALE: 1		FILE NAME: SA70192X2.DWG



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 15-44-4524 - Connector Receptacle 48 Position 0.100" (2.54mm) Gold Through Hole

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J	CKT SIZE		PLATING: TIN		PLATING: 15-44-4524		PLATING: 15-44-4524		OPTION F ASSEMBLY		TOOLED. IN SINGAPORE ONLY		SPEC. SHEET		SPEC. SHEET	
	PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		PACKAGING: PK-70873-0660		SPEC. SHEET		SPEC. SHEET		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			DIM."A"		DIM."B"											
			INCH		MM											
			MM													
H	02	04	15-45-1302	A-70192-0065	15-44-3202	A-70192-0129	15-44-4502	A-70192-0193							1.00	2.54
	03	06	15-45-1303	A-70192-0066	15-44-3203	A-70192-0130	15-44-4503	A-70192-0194							1.20	5.08
	04	08	15-45-1304	A-70192-0067	15-44-3204	A-70192-0131	15-44-4504	A-70192-0195							1.30	7.62
G	05	10	15-45-1305	A-70192-0068	15-44-3205	A-70192-0132	15-44-4505	A-70192-0196							1.40	10.16
	06	12	15-45-1306	A-70192-0069	15-44-3206	A-70192-0133	15-44-4506	A-70192-0197							1.50	12.70
	07	14	15-45-1307	A-70192-0070	15-44-3207	A-70192-0134	15-44-4507	A-70192-0198							1.60	15.24
F	08	16	15-45-1308	A-70192-0071	15-44-3208	A-70192-0135	15-44-4508	A-70192-0199							1.70	17.78
	09	18	15-45-1309	A-70192-0072	15-44-3209	A-70192-0136	15-44-4509	A-70192-0200							1.80	20.32
	10	20	15-45-1310	A-70192-0073	15-44-3210	A-70192-0137	15-44-4510	A-70192-0201							1.90	22.86
E	11	22	15-45-1311	A-70192-0074	15-44-3211	A-70192-0138	15-44-4511	A-70192-0202							2.00	25.40
	12	24	15-45-1312	A-70192-0075	15-44-3212	A-70192-0139	15-44-4512	A-70192-0203							2.10	27.94
	13	26	15-45-1313	A-70192-0076	15-44-3213	A-70192-0140	15-44-4513	A-70192-0204							2.20	30.48
D	14	28	15-45-1314	A-70192-0077	15-44-3214	A-70192-0141	15-44-4514	A-70192-0205							2.30	33.02
	15	30	15-45-1315	A-70192-0078	15-44-3215	A-70192-0142	15-44-4515	A-70192-0206							2.40	35.56
	16	32	15-45-1316	A-70192-0079	15-44-3216	A-70192-0143	15-44-4516	A-70192-0207							2.50	38.10
C	17	34	15-45-1317	A-70192-0080	15-44-3217	A-70192-0144	15-44-4517	A-70192-0208							2.60	40.64
	18	36	15-45-1318	A-70192-0081	15-44-3218	A-70192-0145	15-44-4518	A-70192-0209							2.70	43.18
	19	38	15-45-1319	A-70192-0082	15-44-3219	A-70192-0146	15-44-4519	A-70192-0210							2.80	45.72
B	20	40	15-45-1320	A-70192-0083	15-44-3220	A-70192-0147	15-44-4520	A-70192-0211							2.90	48.26
	21	42	15-45-1321	A-70192-0084	15-44-3221	A-70192-0148	15-44-4521	A-70192-0212							3.00	50.80
	22	44	15-45-1322	A-70192-0085	15-44-3222	A-70192-0149	15-44-4522	A-70192-0213							3.10	53.34
A	23	46	15-45-1323	A-70192-0086	15-44-3223	A-70192-0150	15-44-4523	A-70192-0214							3.20	55.88
	24	48	15-45-1324	A-70192-0087	15-44-3224	A-70192-0151	15-44-4524	A-70192-0215							3.30	58.42
	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					3.40	60.96
J	26	52	15-45-1326	A-70192-0089	15-44-3226	A-70192-0153	15-44-4526	A-70192-0217							3.50	63.50
	27	54	15-45-1327	A-70192-0090	15-44-3227	A-70192-0154	15-44-4527	A-70192-0218							3.60	66.04
	28	56	15-45-1328	A-70192-0091	15-44-3228	A-70192-0155	15-44-4528	A-70192-0219							3.70	68.58
I	29	58	15-45-1329	A-70192-0092	15-44-3229	A-70192-0156	15-44-4529	A-70192-0220							3.80	71.12
	30	60	15-45-1330	A-70192-0093	15-44-3230	A-70192-0157	15-44-4530	A-70192-0221							3.90	73.66
	31	62	15-45-1331	A-70192-0094	15-44-3231	A-70192-0158	15-44-4531	A-70192-0222							4.00	76.20
H	32	64	15-45-1332	A-70192-0095	15-44-3232	A-70192-0159	15-44-4532	A-70192-0223							4.10	78.74
	33	66	15-45-1333	A-70192-0096	15-44-3233	A-70192-0160	15-44-4533	A-70192-0224							4.20	81.28
	34	68	15-45-1334	A-70192-0097	15-44-3234	A-70192-0161	15-44-4534	A-70192-0225							4.30	83.82
G	35	70	15-45-1335	A-70192-0098	15-44-3235	A-70192-0162	15-44-4535	A-70192-0226							4.40	86.36
	36	72	15-45-1336	A-70192-0099	15-44-3236	A-70192-0163	15-44-4536	A-70192-0227							4.50	88.90
	37	74	15-45-1337	A-70192-0100	15-44-3237	A-70192-0164	15-44-4537	A-70192-0228							4.60	91.44
F	38	76	15-45-1338	A-70192-0101	15-44-3238	A-70192-0165	15-44-4538	A-70192-0229							4.70	93.98
	39	78	15-45-1339	A-70192-0102	15-44-3239	A-70192-0166	15-44-4539	A-70192-0230							4.80	96.52
	40	80	15-45-1340	A-70192-0103	15-44-3240	A-70192-0167	15-44-4540	A-70192-0231							4.90	99.06

•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. CHK'D. BY 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-70192-0000 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DA C																

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