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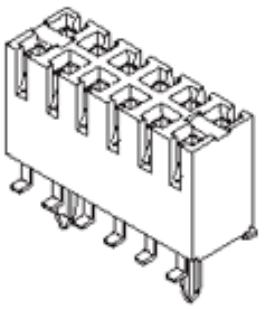
This document was generated on 05/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0015453114
Status: Active
Overview: cgrid__sl_products
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 14 Circuits

Documents:

3D Model
Drawing (PDF)
Product Specification PS-71395 (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

CSA	E29179
UL	E29179

General

Product Family	PCB Receptacles
Series	71395
Application	Board-to-Board
Overview	cgrid__sl_products
Product Name	C-Grid®

Physical

Circuits (Loaded)	14
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.058 In
PC Tail Length (mm)	1.47 mm
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	250V

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
71395Series

Mates With
8624 C-Grid® Breakaway Header, 70246 Straight Header, 70247 Right Angle Header, 70287 C-Grid® Header, 70227 Dual Row C-Grid® Header, 70567 C-Grid® Header, 70280 C-Grid® Breakaway Header, 70524 C-Grid® Breakaway Header, 7

Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	260

Material Info

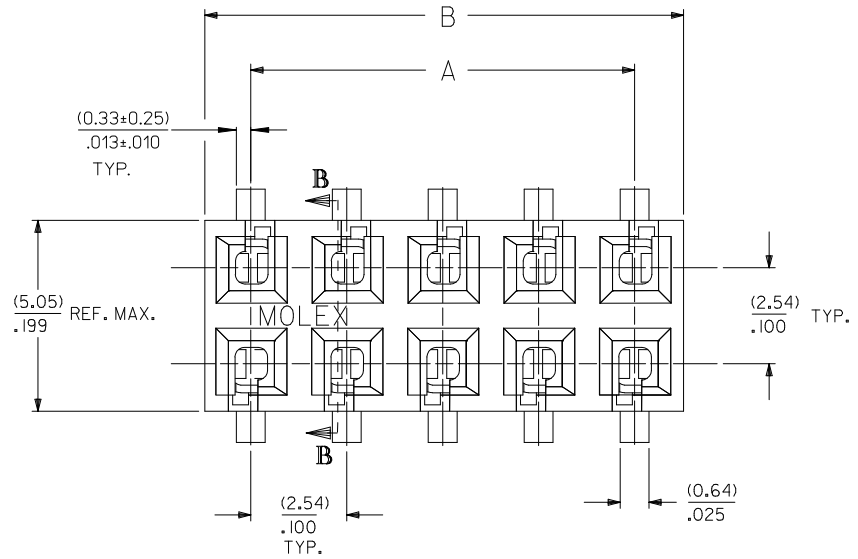
Old Part Number	71395-1114

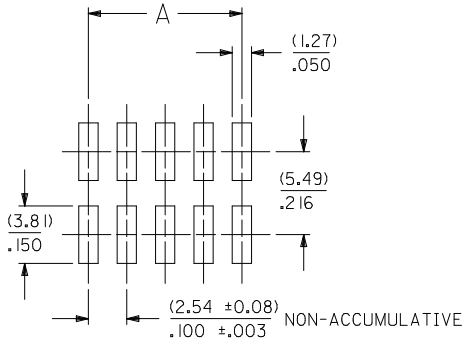
Reference - Drawing Numbers

Application Specification	AS-71395-001
Packaging Specification	PK-70873-0304
Product Specification	PS-71395
Sales Drawing	SDA-71395-1***

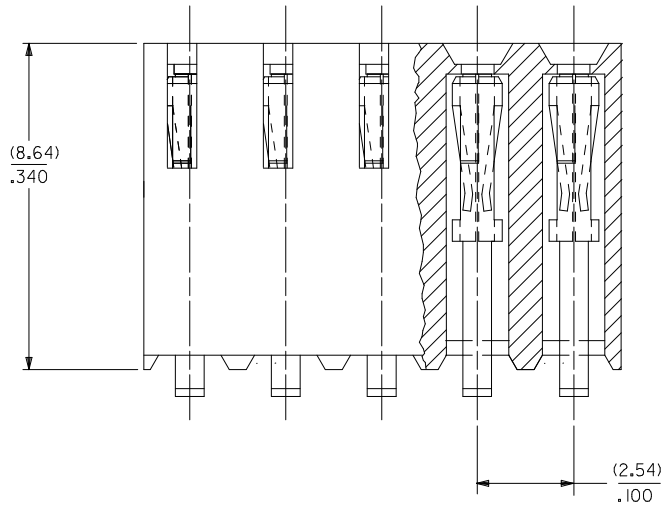
This document was generated on 05/31/2010

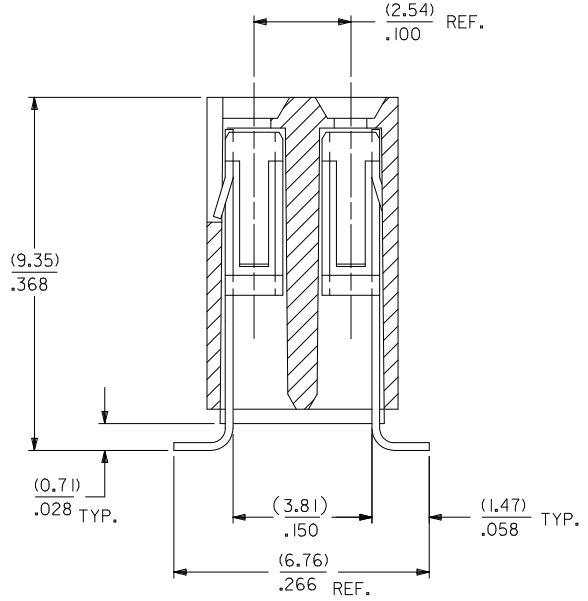
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION





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





SECTION B-B

- VERSION WITHOUT PCB RETENTION PEGS -

NOTES:

1 - HOUSING MATERIAL: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL 94V-0, COLOR: BLACK.
2 - TERMINAL MATERIAL: (0.20)/.008 PHOSPHOR BRONZE
3 - SEE SHEET 2 FOR CIRCUIT SIZES AND OVER-ALL DIMENSIONS
4 - PART CONFORMS TO PS-71395
5 - PACKAGING:
FOR TRAY PACK SEE PK-70873-0304.
FOR TAPE AND REEL PACK SEE PK-71395-001.
6 - PRODUCT COMPLIES WITH CLASS B OF COSMETIC SPECIFICATION PS-45499-002.

ADD 71395-5040	2009/10/14
EC NO: UCP2010-1001	2009/12/01
DRWN:MS BARRA	2009/12/01
CH'KD:DMORGAN	
APPR:SMILLER	
DESCRIPTION	
N	REV

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM/IN
SCALE	
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	
CHECKED BY / DATE	RB 1985/12/03
APPROVED BY / DATE	
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SDA-71395-1***
SHEET NO.	1 OF 3
SIZE	C

TITLE: CONNECTOR DUAL ROW VERTICAL SURFACE MOUNT TOP ENTRY ON .100 GRID

molex MOLEX INCORPORATED

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

- VERSION WITHOUT PCB RETENTION PEGS -

NO. OF CKTS.		TIN PLATING			15 GOLD PLATING			30 GOLD PLATING			DIM. "A"		DIM. "B"			
PER ROW	TOTAL	E.D.P. NO.	ENG. NO.	TRAY PACKAGING	E.D.P. NO.	ENG. NO.	TRAY PACKAGING	E.D.P. NO.	ENG. NO.	TRAY PACKAGING	INCH	MM	INCH	MM	INCH	MM
2	4	NA	AX-71395-1004	PK-70873-0304	NA	AX-71395-1104	PK-70873-0304	NA	AX-71395-1204	PK-70873-0304	.100	2,54	.199	5,05		
3	6	71395-1006	A-71395-1006	PK-70873-0304	NA	AX-71395-1106	PK-70873-0304	NA	AX-71395-1206	PK-70873-0304	.200	5,08	.299	7,59		
4	8	15-45-3208	A-71395-1008	PK-70873-0304	15-45-3108	A-71395-1108	PK-70873-0304	15-45-3308	A-71395-1208	PK-70873-0304	.300	7,62	.399	10,13		
5	10	15-45-3210	A-71395-1010	PK-70873-0304	15-45-3110	A-71395-1110	PK-70873-0304	15-45-3310	A-71395-1210	PK-70873-0304	.400	10,16	.499	12,67		
6	12	15-45-3212	A-71395-1012	PK-70873-0304	15-45-3112	A-71395-1112	PK-70873-0304	15-45-3312	A-71395-1212	PK-70873-0304	.500	12,70	.599	15,21		
7	14	15-45-3214	A-71395-1014	PK-70873-0304	15-45-3114	A-71395-1114	PK-70873-0304	15-45-3314	A-71395-1214	PK-70873-0304	.600	15,24	.699	17,75		
8	16	15-45-3216	A-71395-1016	PK-70873-0304	15-45-3116	A-71395-1116	PK-70873-0304	15-45-3316	A-71395-1216	PK-70873-0304	.700	17,78	.799	20,29		
9	18	15-45-3218	A-71395-1018	PK-70873-0304	15-45-3118	A-71395-1118	PK-70873-0304	15-45-3318	A-71395-1218	PK-70873-0304	.800	20,32	.899	22,83		
10	20	15-45-3220	A-71395-1020	PK-70873-0304	15-45-3120	A-71395-1120	PK-70873-0304	15-45-3320	A-71395-1220	PK-70873-0304	.900	22,86	.999	25,37		
11	22	15-45-3222	A-71395-1022	PK-70873-0304	15-45-3122	A-71395-1122	PK-70873-0304	15-45-3322	A-71395-1222	PK-70873-0304	1.000	25,40	1.099	27,91		
12	24	15-45-3224	A-71395-1024	PK-70873-0304	15-45-3124	A-71395-1124	PK-70873-0304	15-45-3324	A-71395-1224	PK-70873-0304	1.100	27,94	1.199	30,45		
13	26	15-45-3226	A-71395-1026	PK-70873-0304	15-45-3126	A-71395-1126	PK-70873-0304	15-45-3326	A-71395-1226	PK-70873-0304	1.200	30,48	1.299	32,99		
14	28	15-45-3228	A-71395-1028	PK-70873-0304	15-45-3128	A-71395-1128	PK-70873-0304	15-45-3328	A-71395-1228	PK-70873-0304	1.300	33,02	1.399	35,53		
15	30	15-45-3230	A-71395-1030	PK-70873-0304	15-45-3130	A-71395-1130	PK-70873-0304	15-45-3330	A-71395-1230	PK-70873-0304	1.400	35,56	1.499	38,07		
16	32	15-45-3232	A-71395-1032	PK-70873-0304	15-45-3132	A-71395-1132	PK-70873-0304	15-45-3332	A-71395-1232	PK-70873-0304	1.500	38,10	1.599	40,61		
17	34	15-45-3234	A-71395-1034	PK-70873-0304	15-45-3134	A-71395-1134	PK-70873-0304	15-45-3334	A-71395-1234	PK-70873-0304	1.600	40,64	1.699	43,15		
18	36	15-45-3236	A-71395-1036	PK-70873-0304	15-45-3136	A-71395-1136	PK-70873-0304	15-45-3336	A-71395-1236	PK-70873-0304	1.700	43,18	1.799	45,69		
19	38	15-45-3238	A-71395-1038	PK-70873-0304	15-45-3138	A-71395-1138	PK-70873-0304	15-45-3338	A-71395-1238	PK-70873-0304	1.800	45,72	1.899	48,23		
20	40	15-45-3240	A-71395-1040	PK-70873-0304	15-45-3140	A-71395-1140	PK-70873-0304	15-45-3340	A-71395-1240	PK-70873-0304	1.900	48,26	1.999	50,77		
21	42	15-45-3242	A-71395-1042	PK-70873-0304	15-45-3142	A-71395-1142	PK-70873-0304	15-45-3342	A-71395-1242	PK-70873-0304	2.000	50,80	2.099	53,31		
22	44	15-45-3244	A-71395-1044	PK-70873-0304	15-45-3144	A-71395-1144	PK-70873-0304	15-45-3344	A-71395-1244	PK-70873-0304	2.100	53,34	2.199	55,85		
23	46	15-45-3246	A-71395-1046	PK-70873-0304	15-45-3146	A-71395-1146	PK-70873-0304	15-45-3346	A-71395-1246	PK-70873-0304	2.200	55,88	2.299	58,39		
24	48	15-45-3248	A-71395-1048	PK-70873-0304	15-45-3148	A-71395-1148	PK-70873-0304	15-45-3348	A-71395-1248	PK-70873-0304	2.300	58,42	2.399	60,93		
25	50	15-45-3250	A-71395-1050	PK-70873-0304	15-45-3150	A-71395-1150	PK-70873-0304	15-45-3350	A-71395-1250	PK-70873-0304	2.400	60,96	2.499	63,47		
26	52	15-45-3252	A-71395-1052	PK-70873-0304	15-45-3152	A-71395-1152	PK-70873-0304	15-45-3352	A-71395-1252	PK-70873-0304	2.500	63,50	2.599	66,01		
27	54	15-45-3254	A-71395-1054	PK-70873-0304	15-45-3154	A-71395-1154	PK-70873-0304	15-45-3354	A-71395-1254	PK-70873-0304	2.600	66,04	2.699	68,55		
28	56	15-45-3256	A-71395-1056	PK-70873-0304	15-45-3156	A-71395-1156	PK-70873-0304	15-45-3356	A-71395-1256	PK-70873-0304	2.700	68,58	2.799	71,09		
29	58	15-45-3258	A-71395-1058	PK-70873-0304	15-45-3158	A-71395-1158	PK-70873-0304	15-45-3358	A-71395-1258	PK-70873-0304	2.800	71,12	2.899	73,63		
30	60	15-45-3260	A-71395-1060	PK-70873-0304	15-45-3160	A-71395-1160	PK-70873-0304	15-45-3360	A-71395-1260	PK-70873-0304	2.900	73,66	2.999	76,17		
31	62	15-45-3262	A-71395-1062	PK-70873-0304	15-45-3162	A-71395-1162	PK-70873-0304	15-45-3362	A-71395-1262	PK-70873-0304	3.000	76,20	3.099	78,71		
32	64	15-45-3264	A-71395-1064	PK-70873-0304	15-45-3TIN	A-71395-1TIN	PK-70873-0304	15-45-3364	A-71395-1264	PK-70873-0304	3.100	78,74	3.199	81,25		
33	66	15-45-3266	A-71395-1066	PK-70873-0304	15-45-3166	A-71395-1166	PK-70873-0304	15-45-3366	A-71395-1266	PK-70873-0304	3.200	81,28	3.299	83,79		
34	68	15-45-3268	A-71395-1068	PK-70873-0304	15-45-3168	A-71395-1168	PK-70873-0304	15-45-3368	A-71395-1268	PK-70873-0304	3.300	83,82	3.399	86,33		
35	70	15-45-3270	A-71395-1070	PK-70873-0304	15-45-3170	A-71395-1170	PK-70873-0304	15-45-3370	A-71395-1270	PK-70873-0304	3.400	86,36	3.499	88,87		
36	72	15-45-3272	A-71395-1072	PK-70873-0304	15-45-3172	A-71395-1172	PK-70873-0304	15-45-3372	A-71395-1272	PK-70873-0304	3.500	88,90	3.599	91,41		
37	74	15-45-3274	A-71395-1074	PK-70873-0304	15-45-3174	A-71395-1174	PK-70873-0304	15-45-3374	A-71395-1274	PK-70873-0304	3.600	91,44	3.699	93,95		
38	76	15-45-3276	A-71395-1076	PK-70873-0304	15-45-3176	A-71395-1176	PK-70873-0304	15-45-3376	A-71395-1276	PK-70873-0304	3.700	93,98	3.799	96,49		
39	78	15-45-3278	A-71395-1078	PK-70873-0304	15-45-3178	A-71395-1178	PK-70873-0304	15-45-3378	A-71395-1278	PK-70873-0304	3.800	96,52	3.899	99,03		
40	80	15-45-3280	A-71395-1080	PK-70873-0304	15-45-3180	A-71395-1180	PK-70873-0304	15-45-3380	A-71395-1280	PK-70873-0304	3.900	99,06	3.999	101,57		

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.

SEE SHEET 1
EC NO: UCP2010-1001 2009/10/14
DRWN:MS|BARRA 2009/12/01
CH'KD:DMORGAN 2009/12/01
APPR:SMILLER
DESCRIPTION
N
REV

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY DATE
CHECKED BY DATE: RB 1985/12/03
APPROVED BY DATE

TITLE: CONNECTOR DUAL ROW VERTICAL SURFACE MOUNT TOP ENTRY ON .100 GRID

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-71395-1***
SHEET NO.: 2 OF 3

SIZE: C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

NO. OF CKTS.		TIN PLATING			15 GOLD PLATING			30 GOLD PLATING								
PER ROW	TOTAL	E.D.P. NO.	ENG. NO.	TAPE AND REEL PACKAGING	E.D.P. NO.	ENG. NO.	TAPE AND REEL PACKAGING	E.D.P. NO.	ENG. NO.	TAPE AND REEL PACKAGING	DIM. "A" INCH	DIM. "A" MM	DIM. "B" INCH	DIM. "B" MM	INCH	MM
7	14	NA	NA	NA	NA	NA	NA	71395-5114	A-71395-5114	PK-71395-001	.600	15.24	.699	17.75		
8	16	NA	NA	NA	71395-5016	A-71395-5016	PK-71395-001	NA	NA	NA	.700	17.78	.799	20.29		
		NA	NA	NA	NA	NA	NA	NA	NA	NA						
10	20	NA	NA	NA	71395-5020	A-71395-5020	PK-71395-001	71395-5120	A-71395-5120	PK-71395-001	.900	22.86	.999	25.37		
20	40	NA	NA	NA	71395-5040	A-71395-5040	PK-71395-001	NA	NA	NA	1.900	48.26	1.999	50.77		
		NA	NA	NA	NA	NA	NA	NA	NA	NA						

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.

ADD 71395-5040
EC NO: UCP2010-1001
DRWN:MS|BARRA 2009/10/14
CH'KD:DMORGAN 2009/12/01
APPR:SMILLER 2009/12/01
DESCRIPTION
N
REV

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY DATE
CHECKED BY DATE: RB 1985/12/03
APPROVED BY DATE

TITLE: CONNECTOR DUAL ROW VERTICAL SURFACE MOUNT TOP ENTRY ON .100 GRID

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-71395-1***
SHEET NO.: 3 OF 3

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

- VERSION WITHOUT PCB RETENTION PEGS -

NO. OF CKTS.		TIN PLATING			15 GOLD PLATING			30 GOLD PLATING			DIM. "A"		DIM. "B"			
PER ROW	TOTAL	E.D.P. NO.	ENG. NO.	TRAY PACKAGING	E.D.P. NO.	ENG. NO.	TRAY PACKAGING	E.D.P. NO.	ENG. NO.	TRAY PACKAGING	INCH	MM	INCH	MM	INCH	MM
2	4	NA	AX-71395-1004	PK-70873-0304	NA	AX-71395-1104	PK-70873-0304	NA	AX-71395-1204	PK-70873-0304	.100	2,54	.199	5,05		
3	6	71395-1006	A-71395-1006	PK-70873-0304	NA	AX-71395-1106	PK-70873-0304	NA	AX-71395-1206	PK-70873-0304	.200	5,08	.299	7,59		
4	8	15-45-3208	A-71395-1008	PK-70873-0304	15-45-3108	A-71395-1108	PK-70873-0304	15-45-3308	A-71395-1208	PK-70873-0304	.300	7,62	.399	10,13		
5	10	15-45-3210	A-71395-1010	PK-70873-0304	15-45-3110	A-71395-1110	PK-70873-0304	15-45-3310	A-71395-1210	PK-70873-0304	.400	10,16	.499	12,67		
6	12	15-45-3212	A-71395-1012	PK-70873-0304	15-45-3112	A-71395-1112	PK-70873-0304	15-45-3312	A-71395-1212	PK-70873-0304	.500	12,70	.599	15,21		
7	14	15-45-3214	A-71395-1014	PK-70873-0304	15-45-3114	A-71395-1114	PK-70873-0304	15-45-3314	A-71395-1214	PK-70873-0304	.600	15,24	.699	17,75		
8	16	15-45-3216	A-71395-1016	PK-70873-0304	15-45-3116	A-71395-1116	PK-70873-0304	15-45-3316	A-71395-1216	PK-70873-0304	.700	17,78	.799	20,29		
9	18	15-45-3218	A-71395-1018	PK-70873-0304	15-45-3118	A-71395-1118	PK-70873-0304	15-45-3318	A-71395-1218	PK-70873-0304	.800	20,32	.899	22,83		
10	20	15-45-3220	A-71395-1020	PK-70873-0304	15-45-3120	A-71395-1120	PK-70873-0304	15-45-3320	A-71395-1220	PK-70873-0304	.900	22,86	.999	25,37		
11	22	15-45-3222	A-71395-1022	PK-70873-0304	15-45-3122	A-71395-1122	PK-70873-0304	15-45-3322	A-71395-1222	PK-70873-0304	1.000	25,40	1.099	27,91		
12	24	15-45-3224	A-71395-1024	PK-70873-0304	15-45-3124	A-71395-1124	PK-70873-0304	15-45-3324	A-71395-1224	PK-70873-0304	1.100	27,94	1.199	30,45		
13	26	15-45-3226	A-71395-1026	PK-70873-0304	15-45-3126	A-71395-1126	PK-70873-0304	15-45-3326	A-71395-1226	PK-70873-0304	1.200	30,48	1.299	32,99		
14	28	15-45-3228	A-71395-1028	PK-70873-0304	15-45-3128	A-71395-1128	PK-70873-0304	15-45-3328	A-71395-1228	PK-70873-0304	1.300	33,02	1.399	35,53		
15	30	15-45-3230	A-71395-1030	PK-70873-0304	15-45-3130	A-71395-1130	PK-70873-0304	15-45-3330	A-71395-1230	PK-70873-0304	1.400	35,56	1.499	38,07		
16	32	15-45-3232	A-71395-1032	PK-70873-0304	15-45-3132	A-71395-1132	PK-70873-0304	15-45-3332	A-71395-1232	PK-70873-0304	1.500	38,10	1.599	40,61		
17	34	15-45-3234	A-71395-1034	PK-70873-0304	15-45-3134	A-71395-1134	PK-70873-0304	15-45-3334	A-71395-1234	PK-70873-0304	1.600	40,64	1.699	43,15		
18	36	15-45-3236	A-71395-1036	PK-70873-0304	15-45-3136	A-71395-1136	PK-70873-0304	15-45-3336	A-71395-1236	PK-70873-0304	1.700	43,18	1.799	45,69		
19	38	15-45-3238	A-71395-1038	PK-70873-0304	15-45-3138	A-71395-1138	PK-70873-0304	15-45-3338	A-71395-1238	PK-70873-0304	1.800	45,72	1.899	48,23		
20	40	15-45-3240	A-71395-1040	PK-70873-0304	15-45-3140	A-71395-1140	PK-70873-0304	15-45-3340	A-71395-1240	PK-70873-0304	1.900	48,26	1.999	50,77		
21	42	15-45-3242	A-71395-1042	PK-70873-0304	15-45-3142	A-71395-1142	PK-70873-0304	15-45-3342	A-71395-1242	PK-70873-0304	2.000	50,80	2.099	53,31		
22	44	15-45-3244	A-71395-1044	PK-70873-0304	15-45-3144	A-71395-1144	PK-70873-0304	15-45-3344	A-71395-1244	PK-70873-0304	2.100	53,34	2.199	55,85		
23	46	15-45-3246	A-71395-1046	PK-70873-0304	15-45-3146	A-71395-1146	PK-70873-0304	15-45-3346	A-71395-1246	PK-70873-0304	2.200	55,88	2.299	58,39		
24	48	15-45-3248	A-71395-1048	PK-70873-0304	15-45-3148	A-71395-1148	PK-70873-0304	15-45-3348	A-71395-1248	PK-70873-0304	2.300	58,42	2.399	60,93		
25	50	15-45-3250	A-71395-1050	PK-70873-0304	15-45-3150	A-71395-1150	PK-70873-0304	15-45-3350	A-71395-1250	PK-70873-0304	2.400	60,96	2.499	63,47		
26	52	15-45-3252	A-71395-1052	PK-70873-0304	15-45-3152	A-71395-1152	PK-70873-0304	15-45-3352	A-71395-1252	PK-70873-0304	2.500	63,50	2.599	66,01		
27	54	15-45-3254	A-71395-1054	PK-70873-0304	15-45-3154	A-71395-1154	PK-70873-0304	15-45-3354	A-71395-1254	PK-70873-0304	2.600	66,04	2.699	68,55		
28	56	15-45-3256	A-71395-1056	PK-70873-0304	15-45-3156	A-71395-1156	PK-70873-0304	15-45-3356	A-71395-1256	PK-70873-0304	2.700	68,58	2.799	71,09		
29	58	15-45-3258	A-71395-1058	PK-70873-0304	15-45-3158	A-71395-1158	PK-70873-0304	15-45-3358	A-71395-1258	PK-70873-0304	2.800	71,12	2.899	73,63		
30	60	15-45-3260	A-71395-1060	PK-70873-0304	15-45-3160	A-71395-1160	PK-70873-0304	15-45-3360	A-71395-1260	PK-70873-0304	2.900	73,66	2.999	76,17		
31	62	15-45-3262	A-71395-1062	PK-70873-0304	15-45-3162	A-71395-1162	PK-70873-0304	15-45-3362	A-71395-1262	PK-70873-0304	3.000	76,20	3.099	78,71		
32	64	15-45-3264	A-71395-1064	PK-70873-0304	15-45-3TIN	A-71395-1TIN	PK-70873-0304	15-45-3364	A-71395-1264	PK-70873-0304	3.100	78,74	3.199	81,25		
33	66	15-45-3266	A-71395-1066	PK-70873-0304	15-45-3166	A-71395-1166	PK-70873-0304	15-45-3366	A-71395-1266	PK-70873-0304	3.200	81,28	3.299	83,79		
34	68	15-45-3268	A-71395-1068	PK-70873-0304	15-45-3168	A-71395-1168	PK-70873-0304	15-45-3368	A-71395-1268	PK-70873-0304	3.300	83,82	3.399	86,33		
35	70	15-45-3270	A-71395-1070	PK-70873-0304	15-45-3170	A-71395-1170	PK-70873-0304	15-45-3370	A-71395-1270	PK-70873-0304	3.400	86,36	3.499	88,87		
36	72	15-45-3272	A-71395-1072	PK-70873-0304	15-45-3172	A-71395-1172	PK-70873-0304	15-45-3372	A-71395-1272	PK-70873-0304	3.500	88,90	3.599	91,41		
37	74	15-45-3274	A-71395-1074	PK-70873-0304	15-45-3174	A-71395-1174	PK-70873-0304	15-45-3374	A-71395-1274	PK-70873-0304	3.600	91,44	3.699	93,95		
38	76	15-45-3276	A-71395-1076	PK-70873-0304	15-45-3176	A-71395-1176	PK-70873-0304	15-45-3376	A-71395-1276	PK-70873-0304	3.700	93,98	3.799	96,49		
39	78	15-45-3278	A-71395-1078	PK-70873-0304	15-45-3178	A-71395-1178	PK-70873-0304	15-45-3378	A-71395-1278	PK-70873-0304	3.800	96,52	3.899	99,03		
40	80	15-45-3280	A-71395-1080	PK-70873-0304	15-45-3180	A-71395-1180	PK-70873-0304	15-45-3380	A-71395-1280	PK-70873-0304	3.900	99,06	3.999	101,57		

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.

ADD 71395-1006 2007/06/19
EC NO: UCP2007-2946 2007/06/19
DRWN:DMORGAN CHKD:MSIBARRA APPR:SMILLER 2007/06/22
REV DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 10:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY DATE
CHECKED BY DATE: RB 12/03/85
APPROVED BY DATE

TITLE: CONNECTOR DUAL ROW VERTICAL SURFACE MOUNT TOP ENTRY ON .100 GRID

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SDA-71395-1***
SHEET NO.: 2

SIZE C

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