



CIRCUIT SIZE	DIM -A-	DIM -B-
4	15.24/600	2.54/100
6	17.78/700	5.08/200
8	20.32/800	7.62/300
10	22.86/900	10.16/400
12	25.40/1000	12.70/500
14	27.94/1100	15.24/600
16	30.48/1200	17.78/700
18	33.02/1300	20.32/800
20	35.56/1400	22.86/900
22	38.10/1500	25.40/1000
24	40.64/1600	27.94/1100
26	43.18/1700	30.48/1200
28	45.72/1800	33.02/1300
30	48.26/1900	35.56/1400
32	50.80/2000	38.10/1500
34	53.34/2100	40.64/1600
36	55.88/2200	43.18/1700
38	58.42/2300	45.72/1800
40	60.96/2400	48.26/1900
42	63.50/2500	50.80/2000
44	66.04/2600	53.34/2100
46	68.58/2700	55.88/2200
48	71.12/2800	58.42/2300
50	73.66/2900	60.96/2400
52	76.20/3000	63.50/2500
54	78.74/3100	66.04/2600
56	81.28/3200	68.58/2700
58	83.82/3300	71.12/2800
60	86.36/3400	73.66/2900
62	88.90/3500	76.20/3000
64	91.44/3600	78.74/3100
66	93.98/3700	81.28/3200
68	96.52/3800	83.82/3300
70	99.06/3900	86.36/3400
72	101.60/4000	88.90/3500

- NOTES:
- MATERIAL:
INSULATOR: 30% GF NYLON, UL94V-0, COLOR - BLACK.
TERMINAL: COPPER ALLOY.
 - PLATING OPTIONS:
A- (0.00076)/.000030 MINIMUM SELECT GOLD AND (0.00254)/.000100 MINIMUM SELECT TIN/LEAD IN PC TAL AREA, OVER NICKEL OVERALL.*
B- (0.00038)/.000015 MINIMUM SELECT GOLD AND (0.00254)/.000100 MINIMUM SELECT TIN/LEAD IN PC TAL AREA, OVER NICKEL OVERALL.*
C- (0.00508)/.000200 MINIMUM TIN OVER NICKEL OVERALL.
 - PRODUCT SPECIFICATION: PS-75100-001.
 - PACKAGING SPECIFICATION: PK-70873-0070.
 - RECOMMENDED PCB THICKNESS: (2.36)/.093 MINIMUM
 - PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 - NO FEATURES WHICH RISE ABOVE THE PCB SURFACE ALLOWED IN THIS AREA.
- *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 TIN-LEAD PLATING.

ADD KEEP-OUT ZONE	REV	DESCRIPTION	QUALITY SYMBOLS
D	0	DRWN:MS/BARRA 2007/01/04 CHKD:BBARKER 2007/01/04 APPR:SMILLER 2007/01/05	= 0 = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	± .010
3 PLACES	± .010
2 PLACES	± .025
1 PLACE	± .050
ANGULAR ±1/2°	

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
MARGUL IS	02/03/28
CHECKED BY	DATE
MARGUL IS	02/03/28
APPROVED BY	DATE
FRY	02/03/28

SCALE	4:1
DESIGN UNITS	INCH

GENERAL DOCS	2	B1
ANNOTATOR	1	D
SOFTWARE	SHEET	REV.
THIRD ANGLE PROJECTION		
.100 DUAL ROW HEADER FULLY SHROUDED WITH CPI TERMINALS		
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-75100-001	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

**C GRID 100 HEADER DUAL ROW SHROUDED
WITH COMPLIANT PINS**

DIM D:	8.36/.329
PLATING:	"A" – 30 GOLD
GOLD AREA DIM C:	5.08/.200
VOID CKT:	NONE
PACKAGING:	PK-70873-0070

DIM D:	8.36/.329
PLATING:	"B" – 15 GOLD
GOLD AREA DIM C:	5.08/.200
VOID CKT:	NONE
PACKAGING:	PK-70873-0070

DIM D:	8.36/.329
PLATING:	"C" - TIN
GOLD AREA DIM C:	N/A
VOID CKT:	NONE
PACKAGING:	PK-70873-0070

CKT	MATERIAL NO.	CKT	MATERIAL NO.
04	75100-0001	40	75100-0019
06	75100-0002	42	75100-0020
08	75100-0003	44	75100-0021
10	75100-0004	46	75100-0022
12	75100-0005	48	75100-0023
14	75100-0006	50	75100-0024
16	75100-0007	52	75100-0025
18	75100-0008	54	75100-0026
20	75100-0009	56	75100-0027
22	75100-0010	58	75100-0028
24	75100-0011	60	75100-0029
26	75100-0012	62	75100-0030
28	75100-0013	64	75100-0031
30	75100-0014	66	75100-0032
32	75100-0015	68	75100-0033
34	75100-0016	70	75100-0034
36	75100-0017	72	75100-0035
38	75100-0018		

CKT	MATERIAL NO.	CKT	MATERIAL NO.
04	75100-0065	40	75100-0083
06	75100-0066	42	75100-0084
08	75100-0067	44	75100-0085
10	75100-0068	46	75100-0086
12	75100-0069	48	75100-0087
14	75100-0070	50	75100-0088
16	75100-0071	52	75100-0089
18	75100-0072	54	75100-0090
20	75100-0073	56	75100-0091
22	75100-0074	58	75100-0092
24	75100-0075	60	75100-0093
26	75100-0076	62	75100-0094
28	75100-0077	64	75100-0095
30	75100-0078	66	75100-0096
32	75100-0079	68	75100-0097
34	75100-0080	70	75100-0098
36	75100-0081	72	75100-0099
38	75100-0082		

CKT	MATERIAL NO.	CKT	MATERIAL NO.
04	75100-0129	40	75100-0147
06	75100-0130	42	75100-0148
08	75100-0131	44	75100-0149
10	75100-0132	46	75100-0150
12	75100-0133	48	75100-0151
14	75100-0134	50	75100-0152
16	75100-0135	52	75100-0153
18	75100-0136	54	75100-0154
20	75100-0137	56	75100-0155
22	75100-0138	58	75100-0156
24	75100-0139	60	75100-0157
26	75100-0140	62	75100-0158
28	75100-0141	64	75100-0159
30	75100-0142	66	75100-0160
32	75100-0143	68	75100-0161
34	75100-0144	70	75100-0162
36	75100-0145	72	75100-0163
38	75100-0146		

REV: B1	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u> .100 DUAL ROW HEADER FULLY SHROUDED WITH CPI TERMINALS	<u>SHEET No.</u>
	EC No.: UCP2007-0045		- 2 -
	DATE: 10/19/2006		
<u>DOCUMENT NUMBER:</u> SD-75100-001	<u>CREATED / REVISED BY:</u> ADERR	<u>CHECKED BY:</u> LSCHMIDT	<u>APPROVED BY:</u> FSMITH