

NOTES:

- MATERIAL: WAFER - GLASS FILLED LIQUID CRYSTAL POLYMER, UL94V-0, COLOR: BLACK
PIN - COPPER ALLOY
- FINISH: (TIN) OVERALL TIN: (0.00381)/.000150 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
(15 GOLD) SELECT GOLD: (0.00038)/.000015 MIN., SELECT TIN: (0.00191)/.000075 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
(30 GOLD) SELECT GOLD: (0.00076)/.000030 MIN., SELECT TIN: (0.00191)/.000075 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
- PRODUCT SPECIFICATION: PS-70280
- PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES)
PARTS TO BE PACKAGED PER PK-70873-0353.
- MEASURE POINT FOR PLATING THICKNESS, DIMENSION D IS ALSO THE MEASURE POINT FOR PIN WIDTH.
- RETENTIVE TAIL LOCATIONS (SEE VIEW "A")

NUMBER OF CIRCUITS IN ROW B	RETENTIVE TAIL LOCATIONS
EVEN NUMBER	2 PINS IN THE MIDDLE OF ROW B
ODD NUMBER	PIN IN THE CENTER OF ROW B AND ONE OTHER PIN IN ROW B ON EITHER SIDE OF THE CENTER PIN

- PIN PUSHOUT FORCE: 3 LBS. MIN. (IN EITHER DIRECTION)
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
- PINS MUST MEET SOLDERABILITY SPEC. SMES-152, EXCEPT VOIDS ARE PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE. (APPROXIMATELY (0.64)/.025 LNG X (0.15)/.006 WIDE AT 2 LOCATIONS)
- PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

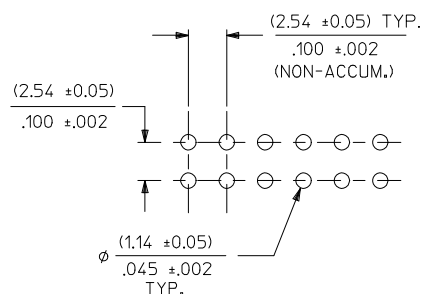
PARTS LISTED ON THIS DRAWING REPLACE PARTS LISTED ON DRAWING SDA-70287-0001-5000 WHICH WILL BECOME OBSOLETE.

2*	A
1	B
SHT.	REV.

CHANGE PIN EC NO: UCP2008-1376 DRAWING: GVERILL 2009/06/30 CHKD: J. BELL 2009/07/01 APPR: F. SMITH 2009/07/01	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0
B	REV.	

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
4 PLACES ± --- ± ---	mm INCH	DRAWN BY ADERR	DATE 2006/09/01	SALES ASSY-HIGH TEMP. DUAL ROW, .025" SQ PINS .100" GRID W/ RET. PINS MOLEX INCORPORATED MOLEX MATERIAL NO. SEE CHART DOCUMENT NO. SD-70287-003 SHEET NO. 1 OF *
3 PLACES ± --- ± .005		CHECKED BY LSCHMIDT	DATE 2006/09/01	
2 PLACES ± 0.13 ± .01		APPROVED BY FSMITH	DATE 2006/09/05	
1 PLACE ± 0.25 ± ---				
ANGULAR ± 1/2°				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

CKT. SIZE	DIM. A REF.		DIM. B REF.	
	(MM)	INCH	(MM)	INCH
4	(5.08)	.200	(2.54)	.100
6	(7.62)	.300	(5.08)	.200
8	(10.16)	.400	(7.62)	.300
10	(12.70)	.500	(10.16)	.400
12	(15.24)	.600	(12.70)	.500
14	(17.78)	.700	(15.24)	.600
16	(20.32)	.800	(17.78)	.700
18	(22.86)	.900	(20.32)	.800
20	(25.40)	1.000	(22.86)	.900
22	(27.94)	1.100	(25.40)	1.000
24	(30.48)	1.200	(27.94)	1.100
26	(33.02)	1.300	(30.48)	1.200
28	(35.56)	1.400	(33.02)	1.300
30	(38.10)	1.500	(35.56)	1.400
32	(40.64)	1.600	(38.10)	1.500
34	(43.18)	1.700	(40.64)	1.600
36	(45.72)	1.800	(43.18)	1.700
38	(48.26)	1.900	(45.72)	1.800
40	(50.80)	2.000	(48.26)	1.900
42	(53.34)	2.100	(50.80)	2.000
44	(55.88)	2.200	(53.34)	2.100
46	(58.42)	2.300	(55.88)	2.200
48	(60.96)	2.400	(58.42)	2.300
50	(63.50)	2.500	(60.96)	2.400
52	(66.04)	2.600	(63.50)	2.500
54	(68.58)	2.700	(66.04)	2.600
56	(71.12)	2.800	(68.58)	2.700
58	(73.66)	2.900	(71.12)	2.800
60	(76.20)	3.000	(73.66)	2.900
62	(78.74)	3.100	(76.20)	3.000
64	(81.28)	3.200	(78.74)	3.100
66	(83.82)	3.300	(81.28)	3.200
68	(86.36)	3.400	(83.82)	3.300
70	(88.90)	3.500	(86.36)	3.400
72	(91.44)	3.600	(88.90)	3.500
74	(93.98)	3.700	(91.44)	3.600
76	(96.52)	3.800	(93.98)	3.700
78	(99.06)	3.900	(96.52)	3.800
80	(101.60)	4.000	(99.06)	3.900
82	(104.14)	4.100	(101.60)	4.000
84	(106.68)	4.200	(104.14)	4.100
86	(109.22)	4.300	(106.68)	4.200
88	(111.76)	4.400	(109.22)	4.300
90	(114.30)	4.500	(111.76)	4.400
92	(116.84)	4.600	(114.30)	4.500
94	(119.38)	4.700	(116.84)	4.600
96	(121.92)	4.800	(119.38)	4.700
98	(124.46)	4.900	(121.92)	4.800
100	(127.00)	5.000	(124.46)	4.900



ENG. NO: A-70287-1000 / 1048

DIM. C		(6.10) / .240	
DIM. E (REF.)		(3.18) / .125	
DIM. L (REF.)		(11.56) / .455	
MATING SIDE PLATING		TIN	
DIM. D (MEASURE PT.)		(2.54) / .100	
P.C. BOARD SIDE PLATING		TIN	
DIM. F (MEASURE PT.)		(1.27) / .050	
RETENTIVE PIN LOCATION		SEE NOTE 6, SHEET 1	
PACKAGING		BULK - PK-70873-0353	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
04	70287-1000	54	70287-1025
06	70287-1001	56	70287-1026
08	70287-1002	58	70287-1027
10	70287-1003	60	70287-1028
12	70287-1004	62	70287-1029
14	70287-1005	64	70287-1030
16	70287-1006	66	70287-1031
18	70287-1007	68	70287-1032
20	70287-1008	70	70287-1033
22	70287-1009	72	70287-1034
24	70287-1010	74	70287-1035
26	70287-1011	76	70287-1036
28	70287-1012	78	70287-1037
30	70287-1013	80	70287-1038
32	70287-1014	82	70287-1039
34	70287-1015	84	70287-1040
36	70287-1016	86	70287-1041
38	70287-1017	88	70287-1042
40	70287-1018	90	70287-1043
42	70287-1019	92	70287-1044
44	70287-1020	94	70287-1045
46	70287-1021	96	70287-1046
48	70287-1022	98	70287-1047
50	70287-1023	100	70287-1048
52	70287-1024		

ENG. NO: A-70287-1049 / 1097

DIM. C		(8.13) / .320	
DIM. E (REF.)		(3.18) / .125	
DIM. L (REF.)		(13.59) / .535	
MATING SIDE PLATING		TIN	
DIM. D (MEASURE PT.)		(4.57) / .180	
P.C. BOARD SIDE PLATING		TIN	
DIM. F (MEASURE PT.)		(1.27) / .050	
RETENTIVE PIN LOCATION		SEE NOTE 6, SHEET 1	
PACKAGING		BULK - PK-70873-0353	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
04	70287-1049	54	70287-1074
06	70287-1050	56	70287-1075
08	70287-1051	58	70287-1076
10	70287-1052	60	70287-1077
12	70287-1053	62	70287-1078
14	70287-1054	64	70287-1079
16	70287-1055	66	70287-1080
18	70287-1056	68	70287-1081
20	70287-1057	70	70287-1082
22	70287-1058	72	70287-1083
24	70287-1059	74	70287-1084
26	70287-1060	76	70287-1085
28	70287-1061	78	70287-1086
30	70287-1062	80	70287-1087
32	70287-1063	82	70287-1088
34	70287-1064	84	70287-1089
36	70287-1065	86	70287-1090
38	70287-1066	88	70287-1091
40	70287-1067	90	70287-1092
42	70287-1068	92	70287-1093
44	70287-1069	94	70287-1094
46	70287-1070	96	70287-1095
48	70287-1071	98	70287-1096
50	70287-1072	100	70287-1097
52	70287-1073		

A	REV:	ECR/ECN INFORMATION	TITLE:	SALES ASS'Y – HIGH TEMP. DUAL ROW, .025" SQ PINS .100" GRID W/ RET. PINS	SHEET No.
		EC No: UCP2007-0511			- 2 -
		DATE: 1/10/2007			
DOCUMENT NUMBER: SD-70287-003			CREATED / REVISED BY: ADERR	CHECKED BY: LSCHMIDT	APPROVED BY: FSMITH

ENG. NO: A-70287-1098 / 1146

DIM. C		(6.10) / .240	
DIM. E (REF.)		(3.18) / .125	
DIM. L (REF.)		(11.56) / .455	
MATING SIDE PLATING		15 GOLD	
DIM. D (MEASURE PT.)		(2.54) / .100	
P.C. BOARD SIDE PLATING		TIN	
DIM. F (MEASURE PT.)		(1.27) / .050	
RETENTIVE PIN LOCATION		SEE NOTE 6, SHEET 1	
PACKAGING		BULK - PK-70873-0353	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
04	70287-1098	54	70287-1123
06	70287-1099	56	70287-1124
08	70287-1100	58	70287-1125
10	70287-1101	60	70287-1126
12	70287-1102	62	70287-1127
14	70287-1103	64	70287-1128
16	70287-1104	66	70287-1129
18	70287-1105	68	70287-1130
20	70287-1106	70	70287-1131
22	70287-1107	72	70287-1132
24	70287-1108	74	70287-1133
26	70287-1109	76	70287-1134
28	70287-1110	78	70287-1135
30	70287-1111	80	70287-1136
32	70287-1112	82	70287-1137
34	70287-1113	84	70287-1138
36	70287-1114	86	70287-1139
38	70287-1115	88	70287-1140
40	70287-1116	90	70287-1141
42	70287-1117	92	70287-1142
44	70287-1118	94	70287-1143
46	70287-1119	96	70287-1144
48	70287-1120	98	70287-1145
50	70287-1121	100	70287-1146
52	70287-1122		

ENG. NO: A-70287-1147 / 1195

DIM. C		(8.13) / .320	
DIM. E (REF.)		(3.18) / .125	
DIM. L (REF.)		(13.59) / .535	
MATING SIDE PLATING		15 GOLD	
DIM. D (MEASURE PT.)		(4.57) / .180	
P.C. BOARD SIDE PLATING		TIN	
DIM. F (MEASURE PT.)		(1.27) / .050	
RETENTIVE PIN LOCATION		SEE NOTE 6, SHEET 1	
PACKAGING		BULK - PK-70873-0353	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
04	70287-1147	54	70287-1172
06	70287-1148	56	70287-1173
08	70287-1149	58	70287-1174
10	70287-1150	60	70287-1175
12	70287-1151	62	70287-1176
14	70287-1152	64	70287-1177
16	70287-1153	66	70287-1178
18	70287-1154	68	70287-1179
20	70287-1155	70	70287-1180
22	70287-1156	72	70287-1181
24	70287-1157	74	70287-1182
26	70287-1158	76	70287-1183
28	70287-1159	78	70287-1184
30	70287-1160	80	70287-1185
32	70287-1161	82	70287-1186
34	70287-1162	84	70287-1187
36	70287-1163	86	70287-1188
38	70287-1164	88	70287-1189
40	70287-1165	90	70287-1190
42	70287-1166	92	70287-1191
44	70287-1167	94	70287-1192
46	70287-1168	96	70287-1193
48	70287-1169	98	70287-1194
50	70287-1170	100	70287-1195
52	70287-1171		

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		EC No: UCP2007-0511			- 3 -
		DATE: 1/10/2007			
DOCUMENT NUMBER:		CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:	
SD-70287-003		ADERR	LSCHMIDT	FSMITH	

ENG. NO: A-70287-1196 / 1244

DIM. C		(6.10) / .240	
DIM. E (REF.)		(3.18) / .125	
DIM. L (REF.)		(11.56) / .455	
MATING SIDE PLATING		30 GOLD	
DIM. D (MEASURE PT.)		(2.54) / .100	
P.C. BOARD SIDE PLATING		TIN	
DIM. F (MEASURE PT.)		(1.27) / .050	
RETENTIVE PIN LOCATION		SEE NOTE 6, SHEET 1	
PACKAGING		BULK - PK-70873-0353	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
04	70287-1196	54	70287-1221
06	70287-1197	56	70287-1222
08	70287-1198	58	70287-1223
10	70287-1199	60	70287-1224
12	70287-1200	62	70287-1225
14	70287-1201	64	70287-1226
16	70287-1202	66	70287-1227
18	70287-1203	68	70287-1228
20	70287-1204	70	70287-1229
22	70287-1205	72	70287-1230
24	70287-1206	74	70287-1231
26	70287-1207	76	70287-1232
28	70287-1208	78	70287-1233
30	70287-1209	80	70287-1234
32	70287-1210	82	70287-1235
34	70287-1211	84	70287-1236
36	70287-1212	86	70287-1237
38	70287-1213	88	70287-1238
40	70287-1214	90	70287-1239
42	70287-1215	92	70287-1240
44	70287-1216	94	70287-1241
46	70287-1217	96	70287-1242
48	70287-1218	98	70287-1243
50	70287-1219	100	70287-1244
52	70287-1220		

ENG. NO: A-70287-1245 / 1293

DIM. C		(8.13) / .320	
DIM. E (REF.)		(3.18) / .125	
DIM. L (REF.)		(13.59) / .535	
MATING SIDE PLATING		30 GOLD	
DIM. D (MEASURE PT.)		(4.57) / .180	
P.C. BOARD SIDE PLATING		TIN	
DIM. F (MEASURE PT.)		(1.27) / .050	
RETENTIVE PIN LOCATION		SEE NOTE 6, SHEET 1	
PACKAGING		BULK - PK-70873-0353	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
04	70287-1245	54	70287-1270
06	70287-1246	56	70287-1271
08	70287-1247	58	70287-1272
10	70287-1248	60	70287-1273
12	70287-1249	62	70287-1274
14	70287-1250	64	70287-1275
16	70287-1251	66	70287-1276
18	70287-1252	68	70287-1277
20	70287-1253	70	70287-1278
22	70287-1254	72	70287-1279
24	70287-1255	74	70287-1280
26	70287-1256	76	70287-1281
28	70287-1257	78	70287-1282
30	70287-1258	80	70287-1283
32	70287-1259	82	70287-1284
34	70287-1260	84	70287-1285
36	70287-1261	86	70287-1286
38	70287-1262	88	70287-1287
40	70287-1263	90	70287-1288
42	70287-1264	92	70287-1289
44	70287-1265	94	70287-1290
46	70287-1266	96	70287-1291
48	70287-1267	98	70287-1292
50	70287-1268	100	70287-1293
52	70287-1269		

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		EC No: UCP2007-0511			- 4 -
		DATE: 1/10/2007			
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SD-70287-003		ADERR	LSCHMIDT	FSMITH	

ENG. NO: A-70287-1294

DIM. C	(6.10) / .240		
DIM. E (REF.)	(3.18) / .125		
DIM. L (REF.)	(11.56) / .455		
MATING SIDE PLATING	TIN		
DIM. D (MEASURE PT.)	(2.54) / .100		
P.C. BOARD SIDE PLATING	TIN		
DIM. F (MEASURE PT.)	(1.27) / .050		
RETENTIVE PIN LOCATION	ROW B - CKTS 1, 5 (SEE NOTE 6, SHEET 1)		
PACKAGING	BULK - PK-70873-0353		
VOID PIN LOCATION			
CKTS	MATERIAL NUMBER	ROW	LOCATION
10	70287-1294	A	2, 3
		B	2, 3

ENG. NO: A-70287-1295

DIM. C	(5.84) / .230		
DIM. E (REF.)	(2.97) / .117		
DIM. L (REF.)	(11.10) / .437		
MATING SIDE PLATING	15 GOLD		
DIM. D (MEASURE PT.)	(2.54) / .100		
P.C. BOARD SIDE PLATING	TIN		
DIM. F (MEASURE PT.)	(1.27) / .050		
RETENTIVE PIN LOCATION	ROW B - CKTS 3, 4 (SEE NOTE 6, SHEET 1)		
PACKAGING	BULK - PK-70873-0353		
VOID PIN LOCATION			
CKTS	MATERIAL NUMBER	ROW	LOCATION
10	70287-1295	A	1

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		EC No: UCP2007-0511			- 5 -
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SD-70287-003		ADERR	LSCHMIDT	FSMITH	