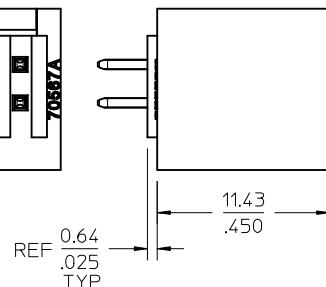
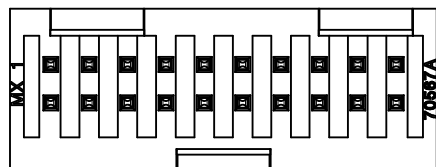
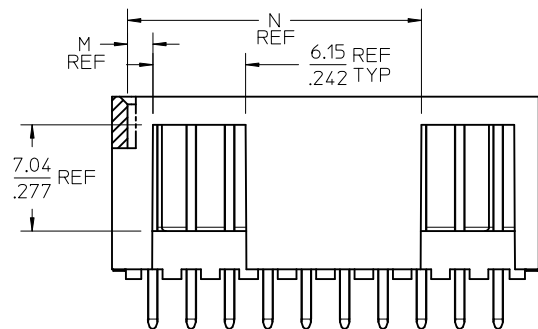
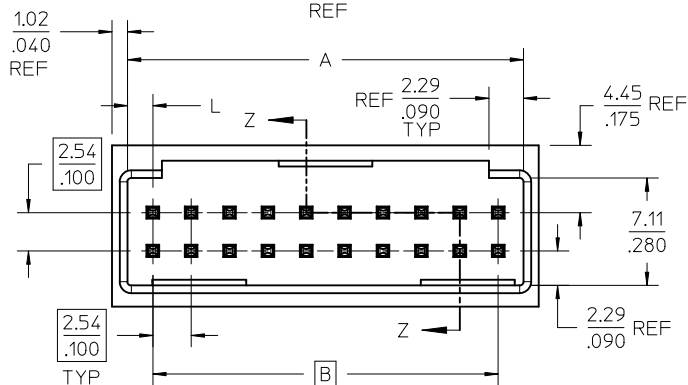
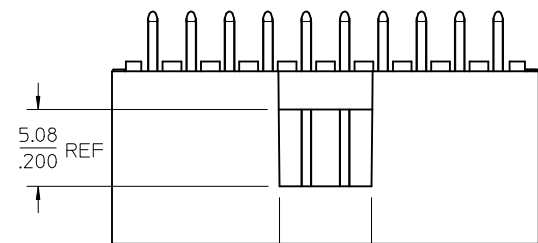
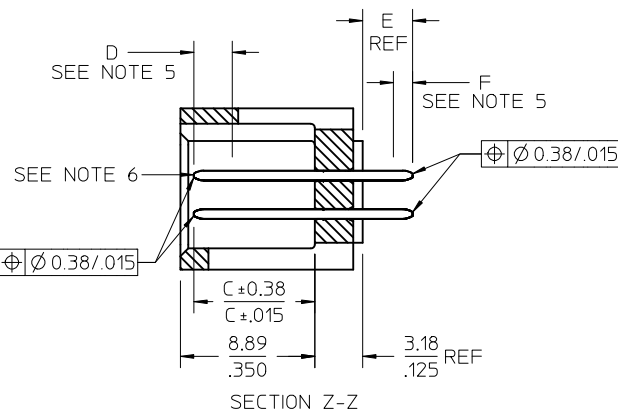


OPTION A



PCB LAYOUT: COMPONENT SIDE
TYPICAL PCB THICKNESS: 2.36/.093



NOTES:

- MATERIAL: SHROUDED WAFER: GLASS FILLED, LIQUID CRYSTAL POLYMER, COLOR: BLACK, 94V-0.
PINS: COPPER ALLOY.
- PLATING:
TIN 0.000381/.000150 MINIMUM TIN, OVER NICKEL UNDERPLATE OVERALL
15 GOLD 0.000381/.000015 MINIMUM GOLD PLATE IN SELECTED AREA
0.00191/.000075 MINIMUM TIN IN SELECTED AREA
OVER NICKEL UNDERPLATE OVERALL
30 GOLD 0.00076/.000030 MINIMUM GOLD PLATE IN SELECTED AREA
0.00191/.000075 MINIMUM TIN IN SELECTED AREA,
OVER NICKEL UNDERPLATE OVERALL
- PRODUCT SPECIFICATION: PS-70567.
- PACKAGING: SEE CHARTS
- MEASURE POINT FOR PLATING THICKNESS.
- PIN PUSHOUT FORCE: 4 LBS. MINIMUM IN DIRECTION INDICATED.
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE HEADER SHOWN.
- PIN SOLDERABILITY PER MOLEX SPEC. SMES-152.
- WINDOW NOT AVAILABLE ON 6 OR 8 CIRCUIT SIZE.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

CORRECT PCB HOLE SIZE
EC NO: UCP2011-0294
2010/08/02
DRWN:MS BARRA
CHKD:JORGAN
1988/03/10
APPR:MBANAKIS
2010/08/03

QUALITY SYMBOLS
▽=0
▽=0
▽=0

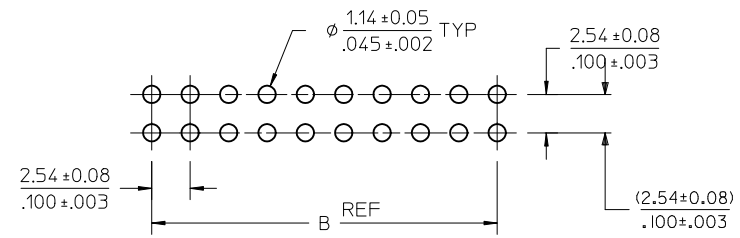
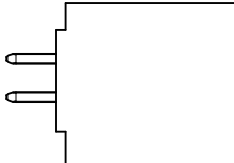
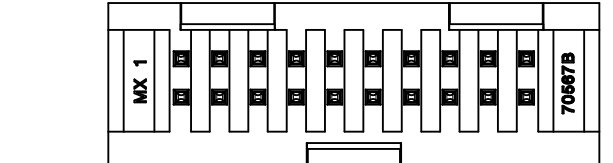
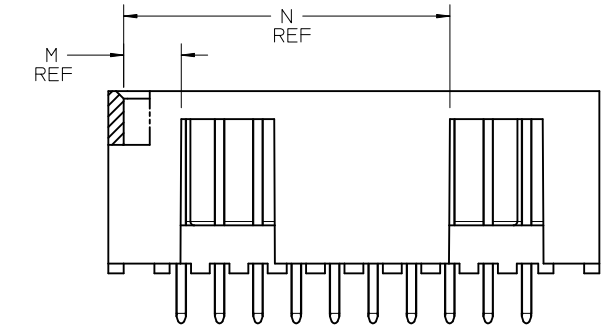
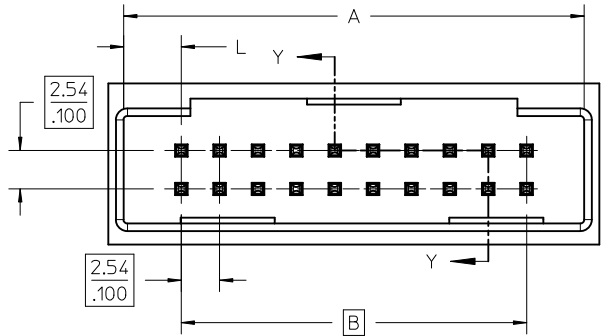
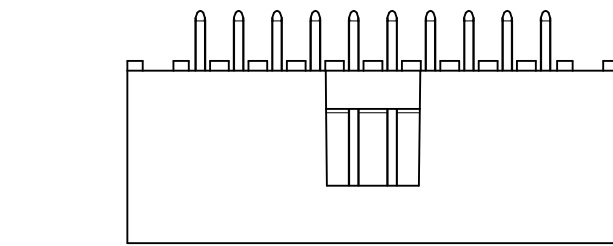
GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .005
2 PLACES ± 0.13 ± .010
1 PLACE ± 0.25 ± ---
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN
DRAWN BY DATE
EIK 1988/03/10
CHECKED BY DATE
EIK 1988/03/10
APPROVED BY DATE
SMILLER 2010/03/31
MATERIAL NO.
SEE TABLE
SIZE C

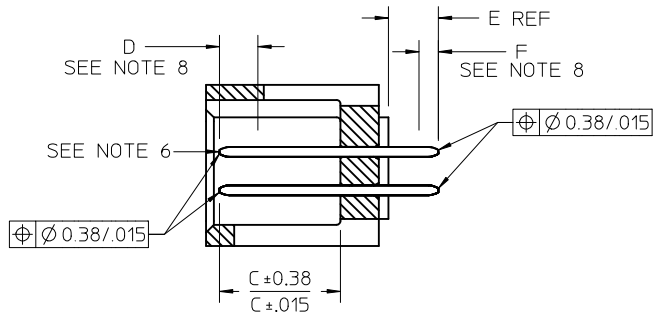
SCALE
4:1
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION
4 SIDES SHROUDED HEADER
HIGH TEMP, (2.54)/.100
GRID W/ (.064)/.025 PINS
MOLEX INCORPORATED
SDA-70567-****
SHEET NO.
1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CKT	DIM A	DIM B	DIM L	DIM M	DIM N
06	8.43 .332	5.08 .200	1.68 .066	1.68 .066	---
08	10.97 .432	7.62 .300	1.68 .066	1.68 .066	---
10	13.51 .532	10.16 .400	1.68 .066	4.22 .166	---
12	16.05 .632	12.70 .500	1.68 .066	4.22 .166	---
14	18.59 .732	15.24 .600	1.68 .066	6.76 .266	---
16	21.13 .832	17.78 .700	1.68 .066	6.76 .266	---
18	23.67 .932	20.32 .800	1.68 .066	9.30 .366	---
20	26.21 1.032	22.86 .900	1.68 .066	1.68 .066	19.46 .766
22	28.75 1.132	25.40 1.000	1.68 .066	1.68 .066	22.00 .866
24	31.29 1.232	27.94 1.100	1.68 .066	1.68 .066	24.54 .966
26	33.83 1.332	30.48 1.200	1.68 .066	1.68 .066	27.08 1.066
28	36.37 1.432	33.02 1.300	1.68 .066	1.68 .066	29.62 1.166
30	38.91 1.532	35.56 1.400	1.68 .066	1.68 .066	32.16 1.266
32	41.45 1.632	38.10 1.500	1.68 .066	1.68 .066	34.70 1.366
34	43.99 1.732	40.64 1.600	1.68 .066	1.68 .066	37.24 1.466
36	46.53 1.832	43.18 1.700	1.68 .066	1.68 .066	39.78 1.566
38	49.07 1.932	45.72 1.800	1.68 .066	1.68 .066	42.32 1.666
40	51.61 2.032	48.26 1.900	1.68 .066	1.68 .066	44.86 1.766
42	54.15 2.132	50.80 2.000	1.68 .066	1.68 .066	47.40 1.866
44	56.69 2.232	53.34 2.100	1.68 .066	1.68 .066	49.94 1.966
46	59.23 2.332	55.88 2.200	1.68 .066	1.68 .066	52.48 2.066
48	61.77 2.432	58.42 2.300	1.68 .066	1.68 .066	55.02 2.166
50	64.31 2.532	60.96 2.400	1.68 .066	1.68 .066	57.56 2.266
52	66.85 2.632	63.50 2.500	1.68 .066	1.68 .066	60.10 2.366
54	69.39 2.732	66.04 2.600	1.68 .066	1.68 .066	62.64 2.466
56	71.93 2.832	68.58 2.700	1.68 .066	1.68 .066	65.18 2.566
58	74.47 2.932	71.12 2.800	1.68 .066	1.68 .066	67.72 2.666
60	77.01 3.032	73.66 2.900	1.68 .066	1.68 .066	70.26 2.766
62	79.55 3.132	76.20 3.000	1.68 .066	1.68 .066	72.80 2.866
64	82.09 3.232	78.74 3.100	1.68 .066	1.68 .066	75.34 2.966
66	84.63 3.332	81.28 3.200	1.68 .066	1.68 .066	77.88 3.066
68	87.17 3.432	83.82 3.300	1.68 .066	1.68 .066	80.42 3.166
70	89.71 3.532	86.36 3.400	1.68 .066	1.68 .066	82.96 3.266
72	92.25 3.632	88.90 3.500	1.68 .066	1.68 .066	85.50 3.366

OPTION B



PCB LAYOUT: COMPONENT SIDE
TYPICAL PCB THICKNESS: 2.36/.093



SECTION Y-Y

- NOTES:
1. MATERIAL: SHROUDED WAFER: 30% G.F. LCP, COLOR: BLACK, 94V-0. PINS: COPPER ALLOY.
 2. PLATING:
TIN - (0.00381)/.000150 MINIMUM TIN OVER NICKEL UNDERPLATE OVERALL
15 GOLD - (0.000381)/.000015 MINIMUM GOLD PLATE IN SELECTED AREA
(0.00191)/.000075 MINIMUM TIN IN SELECTED AREA, OVER NICKEL UNDERPLATE OVERALL
30 GOLD - (0.000761)/.000030 MINIMUM GOLD PLATE IN SELECTED AREA
(0.00191)/.000075 MINIMUM TIN IN SELECTED AREA, OVER NICKEL UNDERPLATE OVERALL
 3. PRODUCT SPECIFICATION: PS-70567.
 4. PACKAGING: SEE CHARTS
 5. PIN PUSHOUT FORCE: 4 LBS. MIN IN DIRECTION INDICATED.
 6. FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE HEADER SHOWN.
 7. PIN SOLDERABILITY PER MOLEX SPEC. SMES-152.
 8. MEASURE POINT FOR PLATING THICKNESS.
 9. WINDOW IS NOT AVAILABLE ON 6 CIRCUIT.
 10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 11. SEE SHEET 1 FOR ALL OTHER DIMENSIONS

CKT	DIM A	DIM B	DIM L	DIM M	DIM N
06	12.70 .500	5.08 .200	3.81 .150	3.81 .150	—
08	15.24 .600	7.62 .300	3.81 .150	3.81 .150	—
10	17.78 .700	10.16 .400	3.81 .150	6.35 .250	—
12	20.32 .800	12.70 .500	3.81 .150	6.35 .250	—
14	22.86 .900	15.24 .600	3.81 .150	8.89 .350	—
16	25.40 1.000	17.78 .700	3.81 .150	8.89 .350	—
18	27.94 1.100	20.32 .800	3.81 .150	11.43 .450	—
20	30.48 1.200	22.86 .900	3.81 .150	3.81 .150	21.59 .850
22	33.02 1.300	25.40 1.000	3.81 .150	3.81 .150	24.13 .950
24	35.56 1.400	27.94 1.100	3.81 .150	3.81 .150	26.67 1.050
26	38.10 1.500	30.48 1.200	3.81 .150	3.81 .150	29.21 1.150
28	40.64 1.600	33.02 1.300	3.81 .150	3.81 .150	31.75 1.250
30	43.18 1.700	35.56 1.400	3.81 .150	3.81 .150	34.29 1.350
32	45.72 1.800	38.10 1.500	3.81 .150	3.81 .150	36.83 1.450
34	48.26 1.900	40.64 1.600	3.81 .150	3.81 .150	39.37 1.550
36	50.80 2.000	43.18 1.700	3.81 .150	3.81 .150	41.91 1.650
38	53.34 2.100	45.72 1.800	3.81 .150	3.81 .150	44.45 1.750
40	55.88 2.200	48.26 1.900	3.81 .150	3.81 .150	46.99 1.850
42	58.42 2.300	50.80 2.000	3.81 .150	3.81 .150	49.53 1.950
44	60.96 2.400	53.34 2.100	3.81 .150	3.81 .150	52.07 2.050
46	63.50 2.500	55.88 2.200	3.81 .150	3.81 .150	54.61 2.150
48	66.04 2.600	58.42 2.300	3.81 .150	3.81 .150	57.15 2.250
50	68.58 2.700	60.96 2.400	3.81 .150	3.81 .150	59.69 2.350
52	71.12 2.800	63.50 2.500	3.81 .150	3.81 .150	62.23 2.450
54	73.66 2.900	66.04 2.600	3.81 .150	3.81 .150	64.77 2.550
56	76.20 3.000	68.58 2.700	3.81 .150	3.81 .150	67.31 2.650
58	78.74 3.100	71.12 2.800	3.81 .150	3.81 .150	69.85 2.750
60	81.28 3.200	73.66 2.900	3.81 .150	3.81 .150	72.32 2.850
62	83.82 3.300	76.20 3.000	3.81 .150	3.81 .150	74.93 2.950
64	86.36 3.400	78.74 3.100	3.81 .150	3.81 .150	77.47 3.050
66	88.90 3.500	81.28 3.200	3.81 .150	3.81 .150	80.01 3.150
68	91.44 3.600	83.82 3.300	3.81 .150	3.81 .150	82.55 3.250
70	93.98 3.700	86.36 3.400	3.81 .150	3.81 .150	85.09 3.350
72	96.52 3.800	88.90 3.500	3.81 .150	3.81 .150	87.63 3.450

CORRECT PCB HOLE SIZE EC NO: UCP2011-0294 DRWN:MS BARRA 2010/08/02 CHKD:DMORGAN 1988/03/10 APPR:MBANAKIS 2010/08/03	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table>			mm	INCH	4 PLACES	± .005	± .005	3 PLACES	± .005	± .005	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± .010	DRAWN BY DATE EIK 1988/03/10 CHECKED BY DATE EIK 1988/03/10 APPROVED BY DATE SMILLER 2010/03/31		TITLE 4 SIDES SHROUDED HEADER HIGH TEMP, (2.54)/.100 GRID W/ (.064)/.025 PINS		SHEET NO. 2 OF 5	
			mm	INCH																				
		4 PLACES	± .005	± .005																				
3 PLACES	± .005	± .005																						
2 PLACES	± 0.13	± .010																						
1 PLACE	± 0.25	± .010																						
ANGULAR ±1/2°		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-70567-****		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C																						

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1				
M	ENGINEERING NUMBER A-70567	MANUFACTURE RELEASE STATUS					E REF.	C ±.015 (0.38)				CONNECTOR END PLATING		P.C. BOARD END PLATING		PACKAGING INFORMATION PK-70873-								
												TYPE		D MEAS.	TYPE									F MEAS.
L	-0205/-0238	R.F.M.					.130 (3.30)	.315 (8.00)				TIN		.100 (2.54)	TIN		.050 (1.27)	0018						
	-0239/-0272	R.F.M.					.200 (5.08)	.315 (8.00)				TIN		.100 (2.54)	TIN		.050 (1.27)	0018						
	-0273/-0306	R.F.M.					.130 (3.30)	.315 (8.00)				15 GOLD		.100 (2.54)	TIN		.050 (1.27)	0018						
	-0307/-0340	R.F.M.					.200 (5.08)	.315 (8.00)				15 GOLD		.100 (2.54)	TIN		.050 (1.27)	0018						
K	-0341/-0374	R.F.M.					.130 (3.30)	.315 (8.00)				30 GOLD		.100 (2.54)	TIN		.050 (1.27)	0018						
	-0375/-0408	R.F.M.					.200 (5.08)	.315 (8.00)				30 GOLD		.100 (2.54)	TIN		.050 (1.27)	0018						
J																								

NO. OF CKTS	OPTION "B"		OPTION "B"		OPTION "B"		OPTION "B"		OPTION "B"		OPTION "B"		OPTION "B"								NO. OF CKTS
	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	
06	IS-80-0067	A-70567-0205	70567-0239	A-70567-0239	IS-80-0069	A-70567-0273	70567-0307	A-70567-0307	IS-80-1061	A-70567-0341	70567-0375	A-70567-0375									06
08	IS-80-0087	A-70567-0206	70567-0240	A-70567-0240	IS-80-0089	A-70567-0274	70567-0308	A-70567-0308	IS-80-1081	A-70567-0342	70567-0376	A-70567-0376									08
10	IS-80-0107	A-70567-0207	70567-0241	A-70567-0241	IS-80-0109	A-70567-0275	70567-0309	A-70567-0309	IS-80-1101	A-70567-0343	70567-0377	A-70567-0377									10
12	IS-80-0127	A-70567-0208	70567-0242	A-70567-0242	IS-80-0129	A-70567-0276	70567-0310	A-70567-0310	IS-80-1121	A-70567-0344	70567-0378	A-70567-0378									12
14	IS-80-0147	A-70567-0209	70567-0243	A-70567-0243	IS-80-0149	A-70567-0277	70567-0311	A-70567-0311	IS-80-1141	A-70567-0345	70567-0379	A-70567-0379									14
16	IS-80-0167	A-70567-0210	70567-0244	A-70567-0244	IS-80-0169	A-70567-0278	70567-0312	A-70567-0312	IS-80-1161	A-70567-0346	70567-0380	A-70567-0380									16
18	IS-80-0187	A-70567-0211	70567-0245	A-70567-0245	IS-80-0189	A-70567-0279	70567-0313	A-70567-0313	IS-80-1181	A-70567-0347	70567-0381	A-70567-0381									18
20	IS-80-0207	A-70567-0212	70567-0246	A-70567-0246	IS-80-0209	A-70567-0280	70567-0314	A-70567-0314	IS-80-1201	A-70567-0348	70567-0382	A-70567-0382									20
22	IS-80-0227	A-70567-0213	70567-0247	A-70567-0247	IS-80-0229	A-70567-0281	70567-0315	A-70567-0315	IS-80-1221	A-70567-0349	70567-0383	A-70567-0383									22
24	IS-80-0247	A-70567-0214	70567-0248	A-70567-0248	IS-80-0249	A-70567-0282	70567-0316	A-70567-0316	IS-80-1241	A-70567-0350	70567-0384	A-70567-0384									24
26	IS-80-0267	A-70567-0215	70567-0249	A-70567-0249	IS-80-0269	A-70567-0283	70567-0317	A-70567-0317	IS-80-1261	A-70567-0351	70567-0385	A-70567-0385									26
28	IS-80-0287	A-70567-0216	70567-0250	A-70567-0250	IS-80-0289	A-70567-0284	70567-0318	A-70567-0318	IS-80-1281	A-70567-0352	70567-0386	A-70567-0386									28
30	IS-80-0307	A-70567-0217	70567-0251	A-70567-0251	IS-80-0309	A-70567-0285	70567-0319	A-70567-0319	IS-80-1301	A-70567-0353	70567-0387	A-70567-0387									30
32	IS-80-0327	A-70567-0218	70567-0252	A-70567-0252	IS-80-0329	A-70567-0286	70567-0320	A-70567-0320	IS-80-1321	A-70567-0354	70567-0388	A-70567-0388									32
34	IS-80-0347	A-70567-0219	70567-0253	A-70567-0253	IS-80-0349	A-70567-0287	70567-0321	A-70567-0321	IS-80-1341	A-70567-0355	70567-0389	A-70567-0389									34
36	IS-80-0367	A-70567-0220	70567-0254	A-70567-0254	IS-80-0369	A-70567-0288	70567-0322	A-70567-0322	IS-80-1361	A-70567-0356	70567-0390	A-70567-0390									36
38	IS-80-0387	A-70567-0221	70567-0255	A-70567-0255	IS-80-0389	A-70567-0289	70567-0323	A-70567-0323	IS-80-1381	A-70567-0357	70567-0391	A-70567-0391									38
40	IS-80-0407	A-70567-0222	70567-0256	A-70567-0256	IS-80-0409	A-70567-0290	70567-0324	A-70567-0324	IS-80-1401	A-70567-0358	70567-0392	A-70567-0392									40
42	IS-80-0427	A-70567-0223	70567-0257	A-70567-0257	IS-80-0429	A-70567-0291	70567-0325	A-70567-0325	IS-80-1421	A-70567-0359	70567-0393	A-70567-0393									42
44	IS-80-0447	A-70567-0224	70567-0258	A-70567-0258	IS-80-0449	A-70567-0292	70567-0326	A-70567-0326	IS-80-1441	A-70567-0360	70567-0394	A-70567-0394									44
46	IS-80-0467	A-70567-0225	70567-0259	A-70567-0259	IS-80-0469	A-70567-0293	70567-0327	A-70567-0327	IS-80-1461	A-70567-0361	70567-0395	A-70567-0395									46
48	IS-80-0487	A-70567-0226	70567-0260	A-70567-0260	IS-80-0489	A-70567-0294	70567-0328	A-70567-0328	IS-80-1481	A-70567-0362	70567-0396	A-70567-0396									48
50	IS-80-0507	A-70567-0227	70567-0261	A-70567-0261	IS-80-0509	A-70567-0295	70567-0329	A-70567-0329	IS-80-1501	A-70567-0363	70567-0397	A-70567-0397									50
52	IS-80-0527	A-70567-0228	70567-0262	A-70567-0262	IS-80-0529	A-70567-0296	70567-0330	A-70567-0330	IS-80-1521	A-70567-0364	70567-0398	A-70567-0398									52
54	IS-80-0547	A-70567-0229	70567-0263	A-70567-0263	IS-80-0549	A-70567-0297	70567-0331	A-70567-0331	IS-80-1541	A-70567-0365	70567-0399	A-70567-0399									54
56	IS-80-0567	A-70567-0230	70567-0264	A-70567-0264	IS-80-0569	A-70567-0298	70567-0332	A-70567-0332	IS-80-1561	A-70567-0366	70567-0400	A-70567-0400									56
58	IS-80-0587	A-70567-0231	70567-0265	A-70567-0265	IS-80-0589	A-70567-0299	70567-0333	A-70567-0333	IS-80-1581	A-70567-0367	70567-0401	A-70567-0401									58
60	IS-80-0607	A-70567-0232	70567-0266	A-70567-0266	IS-80-0609	A-70567-0300	70567-0334	A-70567-0334	IS-80-1601	A-70567-0368	70567-0402	A-70567-0402									60
62	IS-80-0627	A-70567-0233	70567-0267	A-70567-0267	IS-80-0629	A-70567-0301	70567-0335	A-70567-0335	IS-80-1621	A-70567-0369	70567-0403	A-70567-0403									62
64	IS-80-0647	A-70567-0234	70567-0268	A-70567-0268	IS-80-0649	A-70567-0302	70567-0336	A-70567-0336	IS-80-1641	A-70567-0370	70567-0404	A-70567-0404									64
66	IS-80-0667	A-70567-0235	70567-0269	A-70567-0269	IS-80-0669	A-70567-0303	70567-0337	A-70567-0337	IS-80-1661	A-70567-0371	70567-0405	A-70567-0405									66
68	IS-80-0687	A-70567-0236	70567-0270	A-70567-0270	IS-80-0689	A-70567-0304	70567-0338	A-70567-0338	IS-80-1681	A-70567-0372	70567-0406	A-70567-0406									68
70	IS-80-0707	A-70567-0237	70567-0271	A-70567-0271	IS-80-0709	A-70567-0305	70567-0339	A-70567-0339	IS-80-1701	A-70567-0373	70567-0407	A-70567-0407									70
72	IS-80-0727	A-70567-0238	70567-0272	A-70567-0272	IS-80-0729	A-70567-0306	70567-0340	A-70567-0340	IS-80-1721	A-70567-0374	70567-0408	A-70567-0408									72

SEE SHEETS 1 & 2 EC NO. UCP 2011-0294 DRAWN BY BARRA CHKD BY MORAN APPROVED BY S REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			DRAWN BY EIK	DATE 1988/03/10	4 SIDES SHROUDED HEADER HIGH TEMP. (2.54)/100 GRID W/ (0.64)/025 PINS		
			CHECKED BY EIK	DATE 1988/03/10	MOLEX INCORPORATED		
			APPROVED BY SMILLER	DATE 2010/03/31	MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-70567-****	SHEET NO. 4 OF 5

	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
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