

Excellent Integrated System Limited

Stocking Distributor

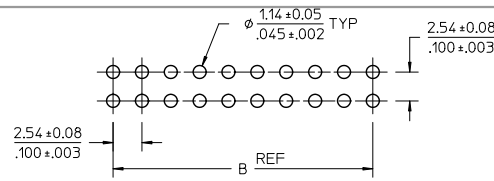
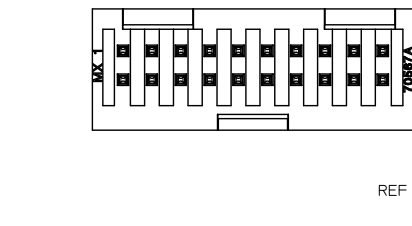
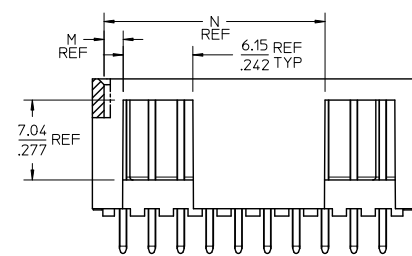
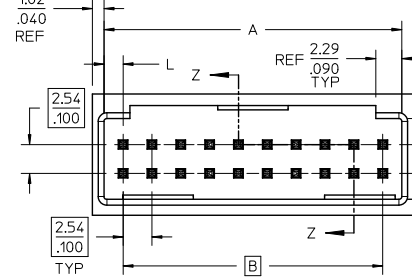
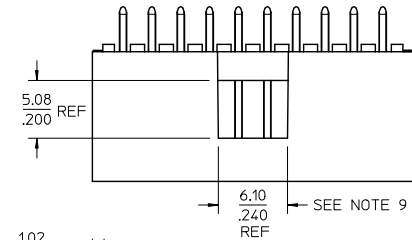
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0015800243](#)

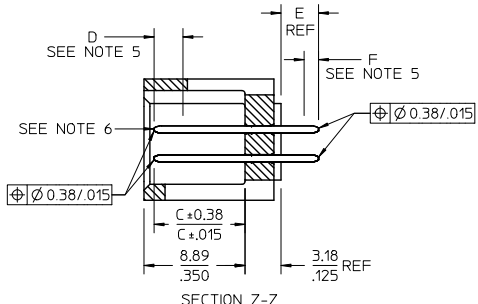
For any questions, you can email us directly:

sales@integrated-circuit.com

OPTION A



PCB LAYOUT: COMPONENT SIDE
TYPICAL PCB THICKNESS: 2.367/.093

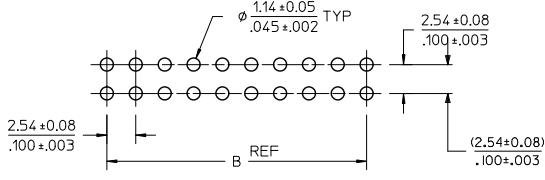
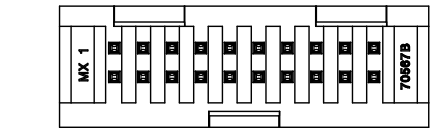
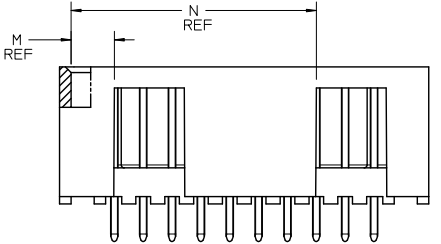
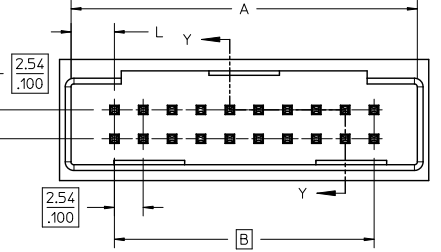
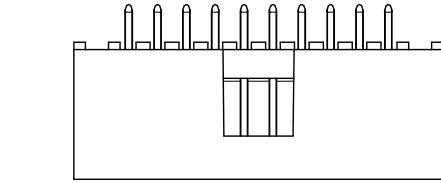


- NOTES:
1. MATERIAL: SHROUDED WAFER: GLASS FILLED, LIQUID CRYSTAL POLYMER, COLOR: BLACK, 94V-0. PINS: COPPER ALLOY.
 2. PLATING:
 - TIN 0.00381/.000150 MINIMUM TIN, OVER NICKEL UNDERPLATE OVERALL
 - 15 GOLD 0.00038/.000015 MINIMUM GOLD PLATE IN SELECTED AREA
 - 0.00191/.000075 MINIMUM TIN IN SELECTED 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
 3. PRODUCT SPECIFICATION: PS-70567.
 4. PACKAGING: SEE CHARTS.
 5. MEASURE POINT FOR PLATING THICKNESS.
 6. PIN PUSHOUT FORCE: 4 LBS, MINIMUM IN DIRECTION INDICATED.
 7. FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE HEADER SHOWN.
 8. PIN SOLDERABILITY PER MOLEX SPEC, SMES-152.
 9. WINDOW NOT AVAILABLE ON 6 OR 8 CIRCUIT SIZE.
 10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

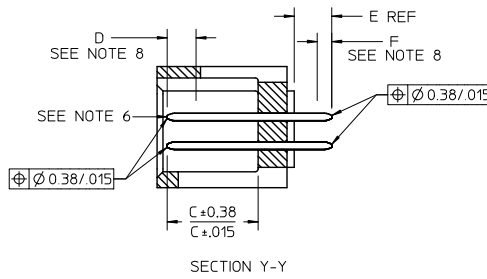
CKT	DIM A	DIM B	DIM L	DIM M	DIM N
06	8.43	5.08	1.68	1.68	
	3.32	.200	.066	.066	
08	10.97	7.62	1.68	1.68	
	4.32	.300	.066	.066	
10	13.51	10.16	1.68	4.22	
	5.32	.400	.066	.166	
12	16.05	12.70	1.68	4.22	
	6.32	.500	.066	.166	
14	18.59	15.24	1.68	6.76	
	7.32	.600	.066	.266	
16	21.13	17.78	1.68	6.76	
	8.32	.700	.066	.266	
18	23.67	20.32	1.68	9.30	
	9.32	.800	.066	.366	
20	26.21	22.86	1.68	19.46	
	10.32	.900	.066	.466	
22	28.75	25.40	1.68	1.68	22.00
	11.32	1.000	.066	.066	.866
24	31.29	27.94	1.68	1.68	24.54
	12.32	1.100	.066	.066	.966
26	33.83	30.48	1.68	1.68	27.08
	13.32	1.200	.066	.066	1.066
28	36.37	33.02	1.68	1.68	29.62
	14.32	1.300	.066	.066	1.166
30	38.91	35.56	1.68	1.68	32.16
	15.32	1.400	.066	.066	1.266
32	41.45	38.10	1.68	1.68	34.70
	16.32	1.500	.066	.066	1.366
34	43.99	40.64	1.68	1.68	37.24
	17.32	1.600	.066	.066	1.466
36	46.53	43.18	1.68	1.68	39.78
	18.32	1.700	.066	.066	1.566
38	49.07	45.72	1.68	1.68	42.32
	19.32	1.800	.066	.066	1.666
40	51.61	48.26	1.68	1.68	44.86
	20.32	1.900	.066	.066	1.766
42	54.15	50.80	1.68	1.68	47.40
	21.32	2.000	.066	.066	1.866
44	56.69	53.34	1.68	1.68	49.94
	22.32	2.100	.066	.066	1.966
46	59.23	55.88	1.68	1.68	52.48
	23.32	2.200	.066	.066	2.066
48	61.77	58.42	1.68	1.68	55.02
	24.32	2.300	.066	.066	2.166
50	64.31	60.96	1.68	1.68	57.56
	25.32	2.400	.066	.066	2.266
52	66.85	63.50	1.68	1.68	60.10
	26.32	2.500	.066	.066	2.366
54	69.39	66.04	1.68	1.68	62.64
	27.32	2.600	.066	.066	2.466
56	71.93	68.58	1.68	1.68	65.18
	28.32	2.700	.066	.066	2.566
58	74.47	71.12	1.68	1.68	67.72
	29.32	2.800	.066	.066	2.666
60	77.01	73.66	1.68	1.68	70.26
	30.32	2.900	.066	.066	2.766
62	79.55	76.20	1.68	1.68	72.80
	31.32	3.000	.066	.066	2.866
64	82.09	78.74	1.68	1.68	75.34
	32.32	3.100	.066	.066	2.966
66	84.63	81.28	1.68	1.68	77.88
	33.32	3.200	.066	.066	3.066
68	87.17	83.82	1.68	1.68	80.42
	34.32	3.300	.066	.066	3.166
70	89.71	86.36	1.68	1.68	82.96
	35.32	3.400	.066	.066	3.266
72	92.25	88.90	1.68	1.68	85.50
	36.32	3.500	.066	.066	3.366

CORRECT PCB HOLE SIZE EC NO: UCP2010-0294 DRAWN BY: DR. W. S. BARBA CHKD BY: J. MORGAN APPROVED BY: J. BARNETT DATE: 2010/08/02 DATE: 1988/03/10 DATE: 2010/08/02	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		4 PLACES ± .005 ± .005 3 PLACES ± .013 ± .010 2 PLACES ± 0.25 ± .005 1 PLACE ± 0.25 ± .005 ANGULAR ± 1/2°	MM/IN	4:1	INCH	☉
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	TITLE		4 SIDES SHROUDED HEADER HIGH TEMP, (2.54)/.100 GRID W/ (.064)/.025 PINS	
		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		SEE TABLE		SDA-70567-****		1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

OPTION B



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



NOTES:

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

CKT	DIM. A	DIM. B	DIM. L	DIM. M	DIM. N
06	12.70	5.08	3.81	3.81	---
08	15.24	6.62	3.81	3.81	---
10	17.78	10.16	3.81	6.35	---
12	20.32	12.70	3.81	6.35	---
14	22.86	15.24	3.81	8.89	---
16	25.40	17.78	3.81	8.89	---
18	27.94	20.32	3.81	11.43	---
20	30.48	22.86	3.81	3.81	21.59
22	33.02	25.40	3.81	3.81	24.13
24	35.56	27.94	3.81	3.81	26.67
26	38.10	30.48	3.81	3.81	29.21
28	40.64	33.02	3.81	3.81	31.75
30	43.18	35.56	3.81	3.81	34.29
32	45.72	38.10	3.81	3.81	36.83
34	48.26	40.64	3.81	3.81	39.37
36	50.80	43.18	3.81	3.81	41.91
38	53.34	45.72	3.81	3.81	44.45
40	55.88	48.26	3.81	3.81	46.99
42	58.42	50.80	3.81	3.81	49.53
44	60.96	53.34	3.81	3.81	52.07
46	63.50	55.88	3.81	3.81	54.61
48	66.04	58.42	3.81	3.81	57.15
50	68.58	60.96	3.81	3.81	59.69
52	71.12	63.50	3.81	3.81	62.23
54	73.66	66.04	3.81	3.81	64.77
56	76.20	68.58	3.81	3.81	67.31
58	78.74	71.12	3.81	3.81	69.85
60	81.28	73.66	3.81	3.81	72.39
62	83.82	76.20	3.81	3.81	74.93
64	86.36	78.74	3.81	3.81	77.47
66	88.90	81.28	3.81	3.81	80.01
68	91.44	83.82	3.81	3.81	82.55
70	93.98	86.36	3.81	3.81	85.09
72	96.52	88.90	3.81	3.81	87.63

CORRECT PCB HOLE SIZE EC NO: UCP2011-0294 DRAWN BY: BARBARA 2010/08/02 CHKD BY: MORGAN 1988/03/10 APPROVED BY: BENJAMIN 2010/08/03	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	MM/IN	4:1	INCH	☐	
		3 PLACES ± --- ± .005					
		2 PLACES ± 0.13 ± .010					
		1 PLACE ± 0.25 ± ---					
		ANGULAR ± 1/2°					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SDA-70567-****	SHEET NO. 2 OF 5	

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.	
-0001/-0034	R.F.M.	.130 (3.30)	.315 (8.00)	TIN	.100 (2.54)	TIN	.050 (1.27)	0018
-0035/-0068	R.F.M.	.200 (5.08)	.315 (8.00)	TIN	.100 (2.54)	TIN	.050 (1.27)	0018
-0069/-0102	R.F.M.	.130 (3.30)	.315 (8.00)	15 GOLD	.100 (2.54)	TIN	.050 (1.27)	0018
-0103/-0136	R.F.M.	.200 (5.08)	.315 (8.00)	15 GOLD	.100 (2.54)	TIN	.050 (1.27)	0018
-0137/-0170	R.F.M.	.130 (3.30)	.315 (8.00)	30 GOLD	.100 (2.54)	TIN	.050 (1.27)	0018
-0171/-0204	R.F.M.	.200 (5.08)	.315 (8.00)	30 GOLD	.100 (2.54)	TIN	.050 (1.27)	0018

NO. OF CKTS	OPTION "A"		OPTION "A"		OPTION "A"		OPTION "A"		OPTION "A"		OPTION "A"		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	
06	IS-80-0061	A-70567-0001	70567-0035	A-70567-0035	IS-80-0063	A-70567-0069	70567-0103	A-70567-0103	IS-80-0065	A-70567-0137	70567-0171	A-70567-0171	06
08	IS-80-0081	A-70567-0002	70567-0036	A-70567-0036	IS-80-0083	A-70567-0070	70567-0104	A-70567-0104	IS-80-0085	A-70567-0170	70567-0172	A-70567-0172	08
10	IS-80-0101	A-70567-0003	70567-0037	A-70567-0037	IS-80-0103	A-70567-0071	70567-0105	A-70567-0105	IS-80-0105	A-70567-0139	70567-0173	A-70567-0173	10
12	IS-80-0121	A-70567-0004	70567-0038	A-70567-0038	IS-80-0123	A-70567-0072	70567-0106	A-70567-0106	IS-80-0125	A-70567-0140	70567-0174	A-70567-0174	12
14	IS-80-0141	A-70567-0005	70567-0039	A-70567-0039	IS-80-0143	A-70567-0073	70567-0107	A-70567-0107	IS-80-0145	A-70567-0141	70567-0175	A-70567-0175	14
16	IS-80-0161	A-70567-0006	70567-0040	A-70567-0040	IS-80-0163	A-70567-0074	70567-0108	A-70567-0108	IS-80-0165	A-70567-0142	70567-0176	A-70567-0176	16
18	IS-80-0181	A-70567-0007	70567-0041	A-70567-0041	IS-80-0183	A-70567-0075	70567-0109	A-70567-0109	IS-80-0185	A-70567-0143	70567-0177	A-70567-0177	18
20	IS-80-0201	A-70567-0008	70567-0042	A-70567-0042	IS-80-0203	A-70567-0076	70567-0110	A-70567-0110	IS-80-0205	A-70567-0144	70567-0178	A-70567-0178	20
22	IS-80-0221	A-70567-0009	70567-0043	A-70567-0043	IS-80-0223	A-70567-0077	70567-0111	A-70567-0111	IS-80-0225	A-70567-0145	70567-0179	A-70567-0179	22
24	IS-80-0241	A-70567-0010	70567-0044	A-70567-0044	IS-80-0243	A-70567-0078	70567-0112	A-70567-0112	IS-80-0245	A-70567-0146	70567-0180	A-70567-0180	24
26	IS-80-0261	A-70567-0011	70567-0045	A-70567-0045	IS-80-0263	A-70567-0079	70567-0113	A-70567-0113	IS-80-0265	A-70567-0147	70567-0181	A-70567-0181	26
28	IS-80-0281	A-70567-0012	70567-0046	A-70567-0046	IS-80-0283	A-70567-0080	70567-0114	A-70567-0114	IS-80-0285	A-70567-0148	70567-0182	A-70567-0182	28
30	IS-80-0301	A-70567-0013	70567-0047	A-70567-0047	IS-80-0303	A-70567-0081	70567-0115	A-70567-0115	IS-80-0305	A-70567-0149	70567-0183	A-70567-0183	30
32	IS-80-0321	A-70567-0014	70567-0048	A-70567-0048	IS-80-0323	A-70567-0082	70567-0116	A-70567-0116	IS-80-0325	A-70567-0150	70567-0184	A-70567-0184	32
34	IS-80-0341	A-70567-0015	70567-0049	A-70567-0049	IS-80-0343	A-70567-0083	70567-0117	A-70567-0117	IS-80-0345	A-70567-0151	70567-0185	A-70567-0185	34
36	IS-80-0361	A-70567-0016	70567-0050	A-70567-0050	IS-80-0363	A-70567-0084	70567-0118	A-70567-0118	IS-80-0365	A-70567-0152	70567-0186	A-70567-0186	36
38	IS-80-0381	A-70567-0017	70567-0051	A-70567-0051	IS-80-0383	A-70567-0085	70567-0119	A-70567-0119	IS-80-0385	A-70567-0153	70567-0187	A-70567-0187	38
40	IS-80-0401	A-70567-0018	70567-0052	A-70567-0052	IS-80-0403	A-70567-0086	70567-0120	A-70567-0120	IS-80-0405	A-70567-0154	70567-0188	A-70567-0188	40
42	IS-80-0421	A-70567-0019	70567-0053	A-70567-0053	IS-80-0423	A-70567-0087	70567-0121	A-70567-0121	IS-80-0425	A-70567-0155	70567-0189	A-70567-0189	42
44	IS-80-0441	A-70567-0020	70567-0054	A-70567-0054	IS-80-0443	A-70567-0088	70567-0122	A-70567-0122	IS-80-0445	A-70567-0156	70567-0190	A-70567-0190	44
46	IS-80-0461	A-70567-0021	70567-0055	A-70567-0055	IS-80-0463	A-70567-0089	70567-0123	A-70567-0123	IS-80-0465	A-70567-0157	70567-0191	A-70567-0191	46
48	IS-80-0481	A-70567-0022	70567-0056	A-70567-0056	IS-80-0483	A-70567-0090	70567-0124	A-70567-0124	IS-80-0485	A-70567-0158	70567-0192	A-70567-0192	48
50	IS-80-0501	A-70567-0023	70567-0057	A-70567-0057	IS-80-0503	A-70567-0091	70567-0125	A-70567-0125	IS-80-0505	A-70567-0159	70567-0193	A-70567-0193	50
52	IS-80-0521	A-70567-0024	70567-0058	A-70567-0058	IS-80-0523	A-70567-0092	70567-0126	A-70567-0126	IS-80-0525	A-70567-0160	70567-0194	A-70567-0194	52
54	IS-80-0541	A-70567-0025	70567-0059	A-70567-0059	IS-80-0543	A-70567-0093	70567-0127	A-70567-0127	IS-80-0545	A-70567-0161	70567-0195	A-70567-0195	54
56	IS-80-0561	A-70567-0026	70567-0060	A-70567-0060	IS-80-0563	A-70567-0094	70567-0128	A-70567-0128	IS-80-0565	A-70567-0162	70567-0196	A-70567-0196	56
58	IS-80-0581	A-70567-0027	70567-0061	A-70567-0061	IS-80-0583	A-70567-0095	70567-0129	A-70567-0129	IS-80-0585	A-70567-0163	70567-0197	A-70567-0197	58
60	IS-80-0601	A-70567-0028	70567-0062	A-70567-0062	IS-80-0603	A-70567-0096	70567-0130	A-70567-0130	IS-80-0605	A-70567-0164	70567-0198	A-70567-0198	60
62	IS-80-0621	A-70567-0029	70567-0063	A-70567-0063	IS-80-0623	A-70567-0097	70567-0131	A-70567-0131	IS-80-0625	A-70567-0165	70567-0199	A-70567-0199	62
64	IS-80-0641	A-70567-0030	70567-0064	A-70567-0064	IS-80-0643	A-70567-0098	70567-0132	A-70567-0132	IS-80-0645	A-70567-0166	70567-0200	A-70567-0200	64
66	IS-80-0661	A-70567-0031	70567-0065	A-70567-0065	IS-80-0663	A-70567-0099	70567-0133	A-70567-0133	IS-80-0665	A-70567-0167	70567-0201	A-70567-0201	66
68	IS-80-0681	A-70567-0032	70567-0066	A-70567-0066	IS-80-0683	A-70567-0100	70567-0134	A-70567-0134	IS-80-0685	A-70567-0168	70567-0202	A-70567-0202	68
70	IS-80-0701	A-70567-0033	70567-0067	A-70567-0067	IS-80-0703	A-70567-0101	70567-0135	A-70567-0135	IS-80-0705	A-70567-0169	70567-0203	A-70567-0203	70
72	IS-80-0721	A-70567-0034	70567-0068	A-70567-0068	IS-80-0723	A-70567-0102	70567-0136	A-70567-0136	IS-80-0725	A-70567-0170	70567-0204	A-70567-0204	72

SEE SHEETS 1 & 2 EC NO. 147201-024 DR. N. S. BARUA CHANDRAN 2010/03/10 APPROVED BY J 2010/03/10	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.13 ±0.10 1 PLACE ±0.25 ±--- ANGULAR ±1/2°	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE MM/IN SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	DRAWN BY DATE TITLE EIK 1988/03/10 CHECKED BY DATE EIK 1988/03/10 APPROVED BY DATE SMILLER 2010/03/31 MATERIAL NO. SEE TABLE DOCUMENT NO. SDA-70567-**** SHEET NO. 3 OF 5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

