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Part Number: [0015800061](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 6 Circuits, Tin (Sn) Plating

Documents:

3D Model	Product Specification PS-70567 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification (PDF)	

Agency Certification

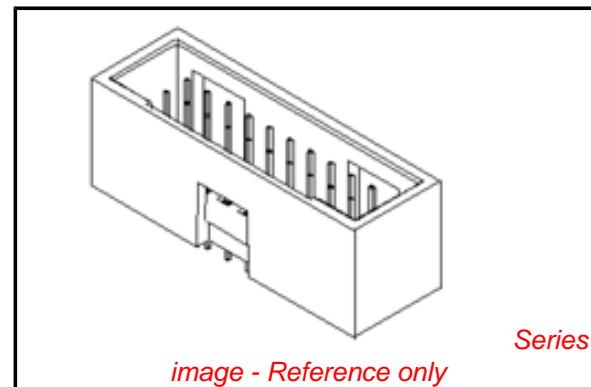
UL E29179

General

Product Family	PCB Headers
Series	70567
Application	Wire-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid®

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits Detail	6
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.130 In
PC Tail Length (mm)	3.30 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.093 In
PCB Thickness Recommended (mm)	2.40 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	150
Plating min: Mating (µm)	3.75
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.75
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
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

[70567Series](#)

Mates With

[70450 Crimp Housing](#)

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	245

Material Info

Old Part Number	70567-0001
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Reference - Drawing Numbers

Packaging Specification	PK-70873-0018
Product Specification	PS-70567
Sales Drawing	SDA-70567-****

This document was generated on 05/24/2010

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20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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.	.190 (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	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	
06	15-80-0061	A-70567-0001	70567-0035	A-70567-0035	15-80-0063	A-70567-0069	70567-0103	A-70567-0103	15-80-0065	A-70567-0137	70567-0171	A-70567-0171							06
08	15-80-0081	A-70567-0002	70567-0036	A-70567-0036	15-80-0083	A-70567-0070	70567-0104	A-70567-0104	15-80-0085	A-70567-0138	70567-0172	A-70567-0172							08
10	15-80-0101	A-70567-0003	70567-0037	A-70567-0037	15-80-0103	A-70567-0071	70567-0105	A-70567-0105	15-80-0105	A-70567-0139	70567-0173	A-70567-0173							10
12	15-80-0121	A-70567-0004	70567-0038	A-70567-0038	15-80-0123	A-70567-0072	70567-0106	A-70567-0106	15-80-0125	A-70567-0140	70567-0174	A-70567-0174							12
14	15-80-0141	A-70567-0005	70567-0039	A-70567-0039	15-80-0143	A-70567-0073	70567-0107	A-70567-0107	15-80-0145	A-70567-0141	70567-0175	A-70567-0175							14
16	15-80-0161	A-70567-0006	70567-0040	A-70567-0040	15-80-0163	A-70567-0074	70567-0108	A-70567-0108	15-80-0165	A-70567-0142	70567-0176	A-70567-0176							16
18	15-80-0181	A-70567-0007	70567-0041	A-70567-0041	15-80-0183	A-70567-0075	70567-0109	A-70567-0109	15-80-0185	A-70567-0143	70567-0177	A-70567-0177							18
20	15-80-0201	A-70567-0008	70567-0042	A-70567-0042	15-80-0203	A-70567-0076	70567-0110	A-70567-0110	15-80-0205	A-70567-0144	70567-0178	A-70567-0178							20
22	15-80-0221	A-70567-0009	70567-0043	A-70567-0043	15-80-0223	A-70567-0077	70567-0111	A-70567-0111	15-80-0225	A-70567-0145	70567-0179	A-70567-0179							22
24	15-80-0241	A-70567-0010	70567-0044	A-70567-0044	15-80-0243	A-70567-0078	70567-0112	A-70567-0112	15-80-0245	A-70567-0146	70567-0180	A-70567-0180							24
26	15-80-0261	A-70567-0011	70567-0045	A-70567-0045	15-80-0263	A-70567-0079	70567-0113	A-70567-0113	15-80-0265	A-70567-0147	70567-0181	A-70567-0181							26
28	15-80-0281	A-70567-0012	70567-0046	A-70567-0046	15-80-0283	A-70567-0080	70567-0114	A-70567-0114	15-80-0285	A-70567-0148	70567-0182	A-70567-0182							28
30	15-80-0301	A-70567-0013	70567-0047	A-70567-0047	15-80-0303	A-70567-0081	70567-0115	A-70567-0115	15-80-0305	A-70567-0149	70567-0183	A-70567-0183							30
32	15-80-0321	A-70567-0014	70567-0048	A-70567-0048	15-80-0323	A-70567-0082	70567-0116	A-70567-0116	15-80-0325	A-70567-0150	70567-0184	A-70567-0184							32
34	15-80-0341	A-70567-0015	70567-0049	A-70567-0049	15-80-0343	A-70567-0083	70567-0117	A-70567-0117	15-80-0345	A-70567-0151	70567-0185	A-70567-0185							34
36	15-80-0361	A-70567-0016	70567-0050	A-70567-0050	15-80-0363	A-70567-0084	70567-0118	A-70567-0118	15-80-0365	A-70567-0152	70567-0186	A-70567-0186							36
38	15-80-0381	A-70567-0017	70567-0051	A-70567-0051	15-80-0383	A-70567-0085	70567-0119	A-70567-0119	15-80-0385	A-70567-0153	70567-0187	A-70567-0187							38
40	15-80-0401	A-70567-0018	70567-0052	A-70567-0052	15-80-0403	A-70567-0086	70567-0120	A-70567-0120	15-80-0405	A-70567-0154	70567-0188	A-70567-0188							40
42	15-80-0421	A-70567-0019	70567-0053	A-70567-0053	15-80-0423	A-70567-0087	70567-0121	A-70567-0121	15-80-0425	A-70567-0155	70567-0189	A-70567-0189							42
44	15-80-0441	A-70567-0020	70567-0054	A-70567-0054	15-80-0443	A-70567-0088	70567-0122	A-70567-0122	15-80-0445	A-70567-0156	70567-0190	A-70567-0190							44
46	15-80-0461	A-70567-0021	70567-0055	A-70567-0055	15-80-0463	A-70567-0089	70567-0123	A-70567-0123	15-80-0465	A-70567-0157	70567-0191	A-70567-0191							46
48	15-80-0481	A-70567-0022	70567-0056	A-70567-0056	15-80-0483	A-70567-0090	70567-0124	A-70567-0124	15-80-0485	A-70567-0158	70567-0192	A-70567-0192							48
50	15-80-0501	A-70567-0023	70567-0057	A-70567-0057	15-80-0503	A-70567-0091	70567-0125	A-70567-0125	15-80-0505	A-70567-0159	70567-0193	A-70567-0193							50
52	15-80-0521	A-70567-0024	70567-0058	A-70567-0058	15-80-0523	A-70567-0092	70567-0126	A-70567-0126	15-80-0525	A-70567-0160	70567-0194	A-70567-0194							52
54	15-80-0541	A-70567-0025	70567-0059	A-70567-0059	15-80-0543	A-70567-0093	70567-0127	A-70567-0127	15-80-0545	A-70567-0161	70567-0195	A-70567-0195							54
56	15-80-0561	A-70567-0026	70567-0060	A-70567-0060	15-80-0563	A-70567-0094	70567-0128	A-70567-0128	15-80-0565	A-70567-0162	70567-0196	A-70567-0196							56
58	15-80-0581	A-70567-0027	70567-0061	A-70567-0061	15-80-0583	A-70567-0095	70567-0129	A-70567-0129	15-80-0585	A-70567-0163	70567-0197	A-70567-0197							58
60	15-80-0601	A-70567-0028	70567-0062	A-70567-0062	15-80-0603	A-70567-0096	70567-0130	A-70567-0130	15-80-0605	A-70567-0164	70567-0198	A-70567-0198							60
62	15-80-0621	A-70567-0029	70567-0063	A-70567-0063	15-80-0623	A-70567-0097	70567-0131	A-70567-0131	15-80-0625	A-70567-0165	70567-0199	A-70567-0199							62
64	15-80-0641	A-70567-0030	70567-0064	A-70567-0064	15-80-0643	A-70567-0098	70567-0132	A-70567-0132	15-80-0645	A-70567-0166	70567-0200	A-70567-0200							64
66	15-80-0661	A-70567-0031	70567-0065	A-70567-0065	15-80-0663	A-70567-0099	70567-0133	A-70567-0133	15-80-0665	A-70567-0167	70567-0201	A-70567-0201							66
68	15-80-0681	A-70567-0032	70567-0066	A-70567-0066	15-80-0683	A-70567-0100	70567-0134	A-70567-0134	15-80-0685	A-70567-0168	70567-0202	A-70567-0202							68
70	15-80-0701	A-70567-0033	70567-0067	A-70567-0067	15-80-0703	A-70567-0101	70567-0135	A-70567-0135	15-80-0705	A-70567-0169	70567-0203	A-70567-0203							70
72	15-80-0721	A-70567-0034	70567-0068	A-70567-0068	15-80-0723	A-70567-0102	70567-0136	A-70567-0136	15-80-0725	A-70567-0170	70567-0204	A-70567-0204							72

SEE SHEETS 1 & 2 EC NO: UCP2010-1587 2010/01/12 DRWNS BARBA CHKD BARKER APPR: SMILLER 2010/03/31	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION			
		4 PLACES ±.005 3 PLACES ±.010 2 PLACES ±.015 1 PLACE ±.025		INCH ±.005 ±.010 ±.015		DRAWN BY: EIK DATE: 1988/03/10		CHECKED BY: EIK DATE: 1988/03/10		TITLE: 4 SIDES SHROUDED HEADER HIGH TEMP. (2.54)/.100 GRID W/ (.064)/.025 PINS			
		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY: SMILLER DATE: 2010/03/31		MATERIAL NO.		DOCUMENT NO. SDA-70567-****		SHEET NO. 3 OF 5	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

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.			
-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		
-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		

NO. OF CKTS	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	
06	15-80-0067	A-70567-0205	70567-0239	A-70567-0239	15-80-0069	A-70567-0273	70567-0307	A-70567-0307	15-80-1061	A-70567-0341	70567-0375	A-70567-0375							06
08	15-80-0087	A-70567-0206	70567-0240	A-70567-0240	15-80-0089	A-70567-0274	70567-0308	A-70567-0308	15-80-1081	A-70567-0342	70567-0376	A-70567-0376							08
10	15-80-0107	A-70567-0207	70567-0241	A-70567-0241	15-80-0109	A-70567-0275	70567-0309	A-70567-0309	15-80-1101	A-70567-0343	70567-0377	A-70567-0377							10
12	15-80-0127	A-70567-0208	70567-0242	A-70567-0242	15-80-0129	A-70567-0276	70567-0310	A-70567-0310	15-80-1121	A-70567-0344	70567-0378	A-70567-0378							12
14	15-80-0147	A-70567-0209	70567-0243	A-70567-0243	15-80-0149	A-70567-0277	70567-0311	A-70567-0311	15-80-1141	A-70567-0345	70567-0379	A-70567-0379							14
16	15-80-0167	A-70567-0210	70567-0244	A-70567-0244	15-80-0169	A-70567-0278	70567-0312	A-70567-0312	15-80-1161	A-70567-0346	70567-0380	A-70567-0380							16
18	15-80-0187	A-70567-0211	70567-0245	A-70567-0245	15-80-0189	A-70567-0279	70567-0313	A-70567-0313	15-80-1181	A-70567-0347	70567-0381	A-70567-0381							18
20	15-80-0207	A-70567-0212	70567-0246	A-70567-0246	15-80-0209	A-70567-0280	70567-0314	A-70567-0314	15-80-1201	A-70567-0348	70567-0382	A-70567-0382							20
22	15-80-0227	A-70567-0213	70567-0247	A-70567-0247	15-80-0229	A-70567-0281	70567-0315	A-70567-0315	15-80-1221	A-70567-0349	70567-0383	A-70567-0383							22
24	15-80-0247	A-70567-0214	70567-0248	A-70567-0248	15-80-0249	A-70567-0282	70567-0316	A-70567-0316	15-80-1241	A-70567-0350	70567-0384	A-70567-0384							24
26	15-80-0267	A-70567-0215	70567-0249	A-70567-0249	15-80-0269	A-70567-0283	70567-0317	A-70567-0317	15-80-1261	A-70567-0351	70567-0385	A-70567-0385							26
28	15-80-0287	A-70567-0216	70567-0250	A-70567-0250	15-80-0289	A-70567-0284	70567-0318	A-70567-0318	15-80-1281	A-70567-0352	70567-0386	A-70567-0386							28
30	15-80-0307	A-70567-0217	70567-0251	A-70567-0251	15-80-0309	A-70567-0285	70567-0319	A-70567-0319	15-80-1301	A-70567-0353	70567-0387	A-70567-0387							30
32	15-80-0327	A-70567-0218	70567-0252	A-70567-0252	15-80-0329	A-70567-0286	70567-0320	A-70567-0320	15-80-1321	A-70567-0354	70567-0388	A-70567-0388							32
34	15-80-0347	A-70567-0219	70567-0253	A-70567-0253	15-80-0349	A-70567-0287	70567-0321	A-70567-0321	15-80-1341	A-70567-0355	70567-0389	A-70567-0389							34
36	15-80-0367	A-70567-0220	70567-0254	A-70567-0254	15-80-0369	A-70567-0288	70567-0322	A-70567-0322	15-80-1361	A-70567-0356	70567-0390	A-70567-0390							36
38	15-80-0387	A-70567-0221	70567-0255	A-70567-0255	15-80-0389	A-70567-0289	70567-0323	A-70567-0323	15-80-1381	A-70567-0357	70567-0391	A-70567-0391							38
40	15-80-0407	A-70567-0222	70567-0256	A-70567-0256	15-80-0409	A-70567-0290	70567-0324	A-70567-0324	15-80-1401	A-70567-0358	70567-0392	A-70567-0392							40
42	15-80-0427	A-70567-0223	70567-0257	A-70567-0257	15-80-0429	A-70567-0291	70567-0325	A-70567-0325	15-80-1421	A-70567-0359	70567-0393	A-70567-0393							42
44	15-80-0447	A-70567-0224	70567-0258	A-70567-0258	15-80-0449	A-70567-0292	70567-0326	A-70567-0326	15-80-1441	A-70567-0360	70567-0394	A-70567-0394							44
46	15-80-0467	A-70567-0225	70567-0259	A-70567-0259	15-80-0469	A-70567-0293	70567-0327	A-70567-0327	15-80-1461	A-70567-0361	70567-0395	A-70567-0395							46
48	15-80-0487	A-70567-0226	70567-0260	A-70567-0260	15-80-0489	A-70567-0294	70567-0328	A-70567-0328	15-80-1481	A-70567-0362	70567-0396	A-70567-0396							48
50	15-80-0507	A-70567-0227	70567-0261	A-70567-0261	15-80-0509	A-70567-0295	70567-0329	A-70567-0329	15-80-1501	A-70567-0363	70567-0397	A-70567-0397							50
52	15-80-0527	A-70567-0228	70567-0262	A-70567-0262	15-80-0529	A-70567-0296	70567-0330	A-70567-0330	15-80-1521	A-70567-0364	70567-0398	A-70567-0398							52
54	15-80-0547	A-70567-0229	70567-0263	A-70567-0263	15-80-0549	A-70567-0297	70567-0331	A-70567-0331	15-80-1541	A-70567-0365	70567-0399	A-70567-0399							54
56	15-80-0567	A-70567-0230	70567-0264	A-70567-0264	15-80-0569	A-70567-0298	70567-0332	A-70567-0332	15-80-1561	A-70567-0366	70567-0400	A-70567-0400							56
58	15-80-0587	A-70567-0231	70567-0265	A-70567-0265	15-80-0589	A-70567-0299	70567-0333	A-70567-0333	15-80-1581	A-70567-0367	70567-0401	A-70567-0401							58
60	15-80-0607	A-70567-0232	70567-0266	A-70567-0266	15-80-0609	A-70567-0300	70567-0334	A-70567-0334	15-80-1601	A-70567-0368	70567-0402	A-70567-0402							60
62	15-80-0627	A-70567-0233	70567-0267	A-70567-0267	15-80-0629	A-70567-0301	70567-0335	A-70567-0335	15-80-1621	A-70567-0369	70567-0403	A-70567-0403							62
64	15-80-0647	A-70567-0234	70567-0268	A-70567-0268	15-80-0649	A-70567-0302	70567-0336	A-70567-0336	15-80-1641	A-70567-0370	70567-0404	A-70567-0404							64
66	15-80-0667	A-70567-0235	70567-0269	A-70567-0269	15-80-0669	A-70567-0303	70567-0337	A-70567-0337	15-80-1661	A-70567-0371	70567-0405	A-70567-0405							66
68	15-80-0687	A-70567-0236	70567-0270	A-70567-0270	15-80-0689	A-70567-0304	70567-0338	A-70567-0338	15-80-1681	A-70567-0372	70567-0406	A-70567-0406							68
70	15-80-0707	A-70567-0237	70567-0271	A-70567-0271	15-80-0709	A-70567-0305	70567-0339	A-70567-0339	15-80-1701	A-70567-0373	70567-0407	A-70567-0407							70
72	15-80-0727	A-70567-0238	70567-0272	A-70567-0272	15-80-0729	A-70567-0306	70567-0340	A-70567-0340	15-80-1721	A-70567-0374	70567-0408	A-70567-0408							72

SEE SHEETS 1 & 2 EC NO: UCT 2010-1587 DRAWN BY: CHKOBBARKER 2010/01/12 APPR: SMILLER 2010/03/31	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE: MM/IN SCALE: 1:1 DESIGN UNITS: INCH THIRD ANGLE PROJECTION	DRAWN BY: EIK DATE: 1988/03/10 CHECKED BY: EIK DATE: 1988/03/10 APPROVED BY: SMILLER DATE: 2010/03/31	TITLE: 4 SIDES SHROUDED HEADER HIGH TEMP. (2.54)/100 GRID W/ (0.64)/0.25 PINS MOLEX INCORPORATED	MATERIAL NO.: SDA-70567-**** SHEET NO.: 4 OF 5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

