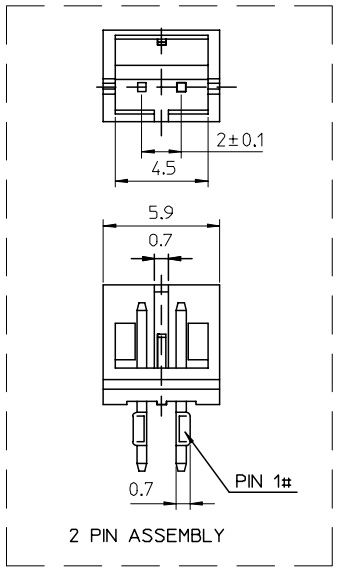
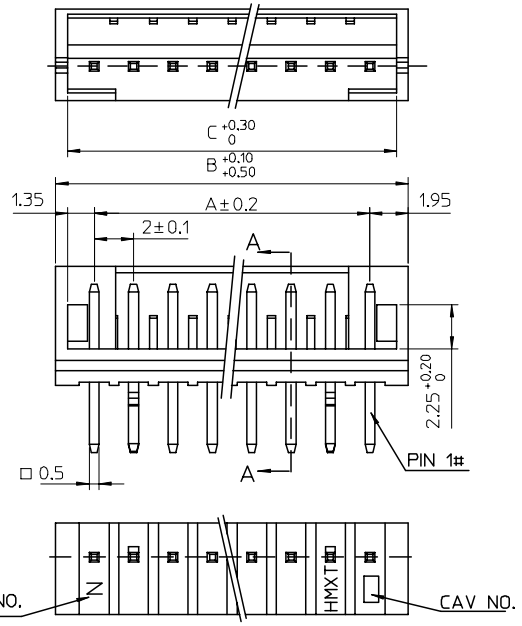
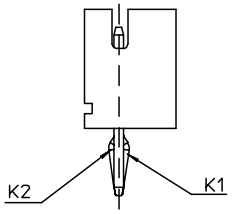
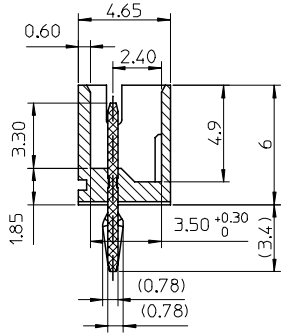
CIRCUITS	MOLEX P/N						Dim A	Dim B	Dim C	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	WHITE	BLACK	RED	BLUE	YELLOW	GREEN																			
16	48107-1610	48107-1611	48107-1612	48107-1613	48107-1614	48107-1615	30.00	33.90	32.60	○	K1	○	○	○	○	○	K2	○	○	○	○	○	○	K1	○
15	48107-1510	48107-1511	48107-1512	48107-1513	48107-1514	48107-1515	28.00	31.90	30.60		○	K1	○	○	○	○	○	K2	○	○	○	○	○	K1	○
14	48107-1410	48107-1411	48107-1412	48107-1413	48107-1414	48107-1415	26.00	29.90	28.60			○	K1	○	○	○	○	K2	○	○	○	○	○	K1	○
13	48107-1310	48107-1311	48107-1312	48107-1313	48107-1314	48107-1315	24.00	27.90	26.60				○	K1	○	○	○	○	K2	○	○	○	○	K1	○
12	48107-1210	48107-1211	48107-1212	48107-1213	48107-1214	48107-1215	22.00	25.90	24.60					○	K1	○	○	○	K2	○	○	○	○	K1	○
11	48107-1110	48107-1111	48107-1112	48107-1113	48107-1114	48107-1115	20.00	23.90	22.60						○	K1	○	○	○	K2	○	○	○	K1	○
10	48107-1010	48107-1011	48107-1012	48107-1013	48107-1014	48107-1015	18.00	21.90	20.60							○	K1	○	○	K2	○	○	○	K1	○
9	48107-0910	48107-0911	48107-0912	48107-0913	48107-0914	48107-0915	16.00	19.90	18.60								○	K1	○	○	○	○	○	K1	○
8	48107-0810	48107-0811	48107-0812	48107-0813	48107-0814	48107-0815	14.00	17.90	16.60									○	K1	○	○	○	○	K1	○
7	48107-0710	48107-0711	48107-0712	48107-0713	48107-0714	48107-0715	12.00	15.90	14.60										○	K1	○	○	○	K1	○
6	48107-0610	48107-0611	48107-0612	48107-0613	48107-0614	48107-0615	10.00	13.90	12.60											○	K1	○	○	K1	○
5	48107-0510	48107-0511	48107-0512	48107-0513	48107-0514	48107-0515	8.00	11.90	10.60												K1	○	○	○	K1
4	48107-0410	48107-0411	48107-0412	48107-0413	48107-0414	48107-0415	6.00	9.90	8.60													K1	○	○	K1
3	48107-0310	48107-0311	48107-0312	48107-0313	48107-0314	48107-0315	4.00	7.90	6.60														K1	○	K1
2	48107-0210	48107-0211	48107-0212	48107-0213	48107-0214	48107-0215	2.00	5.90	4.60															K1	K1



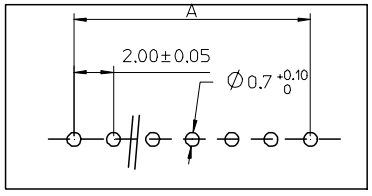
2 PIN ASSEMBLY







SECTION A-A



RECOMMENDED PCB LAYOUT

NOTES:
1. MATERIAL:
   HOUSING: NYLON 66, UL94V-0, COLOR: SEE TABLE.
   CONTACT: BRASS .
2. PLATING:
   2um (MIN.) Ni UNDERPLATE ALL OVER, 2um~3um TIN ALL OVER.
3. SPECIFICATIONS:
   CURRENT PATING: 100 V DC/AC, 2.0 A.
   DIELECTRIC WITHSTANDING STRENGTH: 800 V AC FOR 1 MIN.
4. PACKAGE : REFER TO PK-48107-001
5. PRODUCT SPEC: REFER TO PS-48107-001.
6. TEST SUMMARY: REFER TO TS-48107-001.
7. MATE WITH HOUSING 48106 SERIES, TERMINAL 48105 SERIES.

SPEC CHANGE
EC NO: SH2005-0344 2005/06/06
DRWN:EKA001 2005/06/07
CHKD:
APPR:WMSCHANG 2005/08/25
DESCRIPTION
REV
B

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	JG.WEN	2004/02/26
CHECKED BY	SAM SHIN	2004/02/26
APPROVED BY	WILSON	2004/02/26

TITLE: 2.0 MM PITCH WIRE TO BOARD HEAD ASSEMBLY (VERTICAL TYPE)

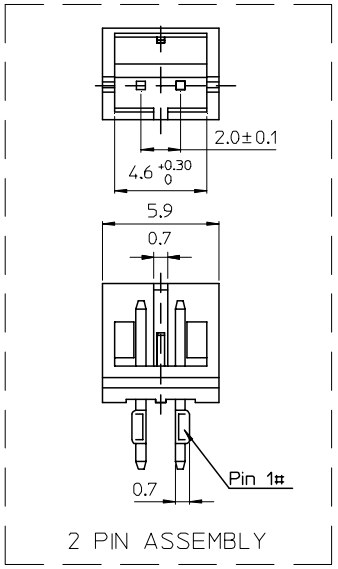
MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-48107-001
SHEET NO.: 1 OF 1
SIZE: A3

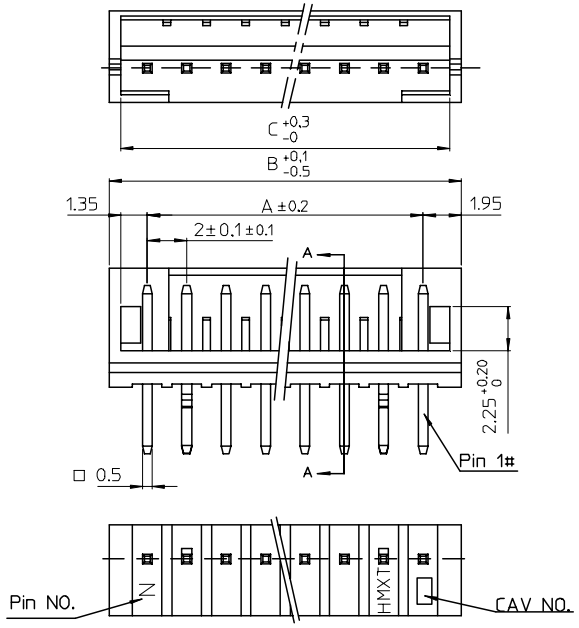
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

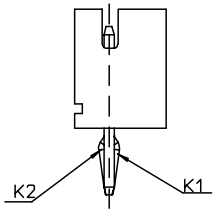
CIRCUITS	MOLEX P/N						Dim A	Dim B	Dim C
	WHITE	BLACK	RED	BLUE	YELLOW	GREEN			
16	48107-1620	48107-1621	48107-1622	48107-1623	48107-1624	48107-1625	30.00	33.90	32.60
15	48107-1520	48107-1521	48107-1522	48107-1523	48107-1524	48107-1525	28.00	31.90	30.60
14	48107-1420	48107-1421	48107-1422	48107-1423	48107-1424	48107-1425	26.00	29.90	28.60
13	48107-1320	48107-1321	48107-1322	48107-1323	48107-1324	48107-1325	24.00	27.90	26.60
12	48107-1220	48107-1221	48107-1222	48107-1223	48107-1224	48107-1225	22.00	25.90	24.60
11	48107-1120	48107-1121	48107-1122	48107-1123	48107-1124	48107-1125	20.00	23.90	22.60
10	48107-1020	48107-1021	48107-1022	48107-1023	48107-1024	48107-1025	18.00	21.90	20.60
9	48107-0920	48107-0921	48107-0922	48107-0923	48107-0924	48107-0925	16.00	19.90	18.60
8	48107-0820	48107-0821	48107-0822	48107-0823	48107-0824	48107-0825	14.00	17.90	16.60
7	48107-0720	48107-0721	48107-0722	48107-0723	48107-0724	48107-0725	12.00	15.90	14.60
6	48107-0620	48107-0621	48107-0622	48107-0623	48107-0624	48107-0625	10.00	13.90	12.60
5	48107-0520	48107-0521	48107-0522	48107-0523	48107-0524	48107-0525	8.00	11.90	10.60
4	48107-0420	48107-0421	48107-0422	48107-0423	48107-0424	48107-0425	6.00	9.90	8.60
3	48107-0320	48107-0321	48107-0322	48107-0323	48107-0324	48107-0325	4.00	7.90	6.60
2	48107-0220	48107-0221	48107-0222	48107-0223	48107-0224	48107-0225	2.00	5.90	4.60

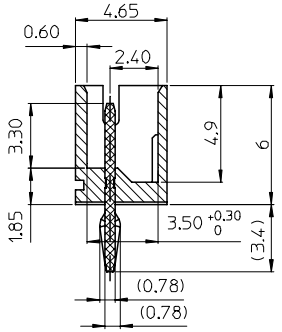
16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
○	K1	○	○	○	○	○	K2	○	○	○	○	○	K1	○	
	○	K1	○	○	○	○	○	K2	○	○	○	○	K1	○	
		○	K1	○	○	○	○	K2	○	○	○	○	K1	○	
			○	K1	○	○	○	○	K2	○	○	○	K1	○	
				○	K1	○	○	○	K2	○	○	○	K1	○	
					○	K1	○	○	○	K2	○	○	K1	○	
						○	K1	○	○	K2	○	○	K1	○	
							○	K1	○	○	○	○	K1	○	
								○	K1	○	○	○	K1	○	
									○	K1	○	○	K1	○	
										○	K1	○	K1	○	
											K1	○	○	○	K1
												K1	○	○	K1
													K1	○	K1
														K1	K1



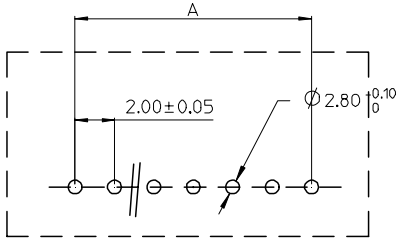
2 PIN ASSEMBLY







SECTION A-A



RECOMMENDED PCB LAYOUT

NOTES:
1.MATERIAL:
HOUSING: NYLON 66, GLASS FILLED UL94V-0, COLOR: SEE TABLE.
CONTACT: BRASS .
△B 2.PLATING:
2um (MIN.) Ni UNDERPLATE ALL OVER,2um~3um Sn ALL OVER.
3.SPECIFICATIONS:
CURRENT PATING: 100 V DC/AC, 2.0 A.
DIELECTRIC WITHSTANDING STRENGTH: 800 V AC FOR 1 MIN.
4.PACKAGE : REFER TO PK-48107-002
5.PRODUCT SPEC: REFER TO PS-48107-002.
6.TEST SUMMARY: REFER TO TS-48107-002.
7.MATE WITH HOUSING 48106 SERIES, TERMINAL 48105 SERIES.

SPEC CHANGE
EC NO: SH2005-0344 2005/06/06
DRWN:EKA001 2005/06/07
CHKD:
APPR:WWSCHANG 2005/08/25
DESCRIPTION
REV B

QUALITY SYMBOLS
▼=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	1:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	JG.WEN
DATE	2004/05/06
CHECKED BY	SAM SHIN
DATE	2004/05/06
APPROVED BY	WILSON
DATE	2004/05/06
MATERIAL NO.	SEE TABLE
TITLE	2.0 MM PITCH WIRE TO BOARD HEAD ASSEMBLY (VERTICAL TYPE)
	MOLEX INCORPORATED
DOCUMENT NO.	SD-48107-002
SHEET NO.	1 OF 1
SIZE	A3

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