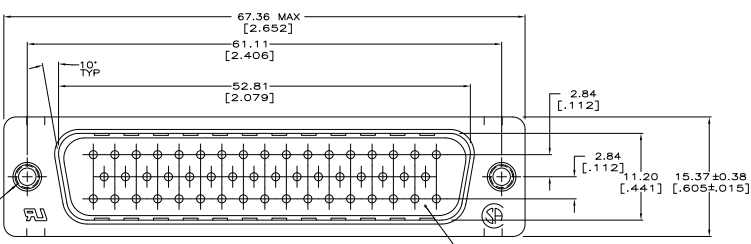
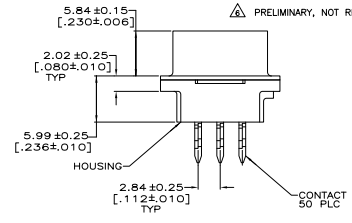
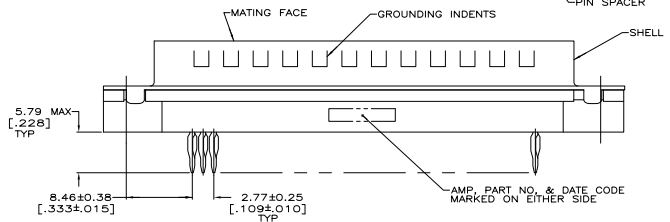


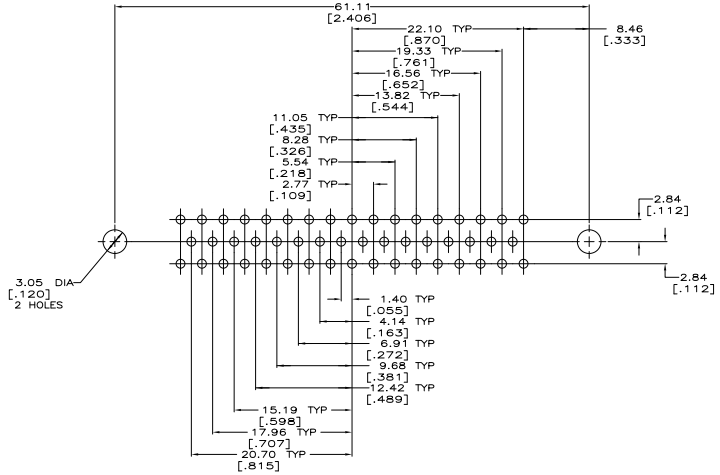
REV	DATE	DESCRIPTION	BY	CHK	APP
00					
01		REVISED FOR ECO-10-01865			



△ THREADED INSERT
 2 PLC



- △ RECOMMENDATIONS FOR 2.36[.093] MIN THICK PC BOARD:
 A. HOLE DIAMETER AFTER DRILLING= 1.14±0.03[.045±.004]
 B. HOLE DIAMETER AFTER TIN-LEAD PLATING= 0.94-1.09[.037-.043]
 C. HOLE DIAMETER AFTER REFLOW= 0.91-1.09[.036-.043]
 D. PC BOARD PLATING TO BE 7.62µm[.000300] MIN TIN-LEAD OVER 50.8µm±25.4µm[.002±.001] COPPER.
- △ MATERIAL:
 MOLDED PARTS: UL 94V-0 RATED, POLYESTER, BLACK.
 CONTACTS: BRASS
 SHELL: CARBON STEEL
 INSERTS: BRASS
- △ SHELL: 5.08µm[.000200] MIN TIN OVER 1.27µm[.000050]
- △ CONTACTS:
 0.76 MICRO METERS [.000030] MINIMUM GOLD IN MATING AREA.
 2.54 MICRO METERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN.
 ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.
 OR
 GOLD FLASH OVER PALLADIUM NICKEL:
 0.76 MICRO METERS [.000030] MINIMUM TOTAL IN MATING AREA.
 2.54 MICRO METERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN.
 ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.
- △ SEE TABLE FOR THREAD SIZE.
 △ PRELIMINARY, NOT RELEASED FOR PRODUCTION.



RECOMMENDED PC BOARD MOUNTING DIMENSIONS △

M3	749892-2
4-40	749892-1
THREAD SIZE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	DATE	BY	CHK	APP
INCHES	MM	1	10/28/08			
1/16	1.5	2	10/28/08			
1/8	3.0	3	10/28/08			
3/16	4.5	4	10/28/08			
1/4	6.0	5	10/28/08			
5/16	7.5	6	10/28/08			
3/8	9.0	7	10/28/08			
7/16	10.5	8	10/28/08			
1/2	12.0	9	10/28/08			
5/8	15.0	10	10/28/08			
3/4	18.0	11	10/28/08			
7/8	21.0	12	10/28/08			
1	24.0	13	10/28/08			
1 1/8	30.0	14	10/28/08			
1 1/4	36.0	15	10/28/08			
1 3/8	42.0	16	10/28/08			
1 1/2	48.0	17	10/28/08			
1 5/8	54.0	18	10/28/08			
1 3/4	60.0	19	10/28/08			
1 7/8	66.0	20	10/28/08			
2	72.0	21	10/28/08			
2 1/8	78.0	22	10/28/08			
2 1/4	84.0	23	10/28/08			
2 3/8	90.0	24	10/28/08			
2 1/2	96.0	25	10/28/08			
2 5/8	102.0	26	10/28/08			
2 3/4	108.0	27	10/28/08			
2 7/8	114.0	28	10/28/08			
3	120.0	29	10/28/08			
3 1/8	126.0	30	10/28/08			
3 1/4	132.0	31	10/28/08			
3 3/8	138.0	32	10/28/08			
3 1/2	144.0	33	10/28/08			
3 5/8	150.0	34	10/28/08			
3 3/4	156.0	35	10/28/08			
3 7/8	162.0	36	10/28/08			
4	168.0	37	10/28/08			
4 1/8	174.0	38	10/28/08			
4 1/4	180.0	39	10/28/08			
4 3/8	186.0	40	10/28/08			
4 1/2	192.0	41	10/28/08			
4 5/8	198.0	42	10/28/08			
4 3/4	204.0	43	10/28/08			
4 7/8	210.0	44	10/28/08			
5	216.0	45	10/28/08			
5 1/8	222.0	46	10/28/08			
5 1/4	228.0	47	10/28/08			
5 3/8	234.0	48	10/28/08			
5 1/2	240.0	49	10/28/08			
5 5/8	246.0	50	10/28/08			
5 3/4	252.0	51	10/28/08			
5 7/8	258.0	52	10/28/08			
6	264.0	53	10/28/08			
6 1/8	270.0	54	10/28/08			
6 1/4	276.0	55	10/28/08			
6 3/8	282.0	56	10/28/08			
6 1/2	288.0	57	10/28/08			
6 5/8	294.0	58	10/28/08			
6 3/4	300.0	59	10/28/08			
6 7/8	306.0	60	10/28/08			
7	312.0	61	10/28/08			
7 1/8	318.0	62	10/28/08			
7 1/4	324.0	63	10/28/08			
7 3/8	330.0	64	10/28/08			
7 1/2	336.0	65	10/28/08			
7 5/8	342.0	66	10/28/08			
7 3/4	348.0	67	10/28/08			
7 7/8	354.0	68	10/28/08			
8	360.0	69	10/28/08			
8 1/8	366.0	70	10/28/08			
8 1/4	372.0	71	10/28/08			
8 3/8	378.0	72	10/28/08			
8 1/2	384.0	73	10/28/08			
8 5/8	390.0	74	10/28/08			
8 3/4	396.0	75	10/28/08			
8 7/8	402.0	76	10/28/08			
9	408.0	77	10/28/08			
9 1/8	414.0	78	10/28/08			
9 1/4	420.0	79	10/28/08			
9 3/8	426.0	80	10/28/08			
9 1/2	432.0	81	10/28/08			
9 5/8	438.0	82	10/28/08			
9 3/4	444.0	83	10/28/08			
9 7/8	450.0	84	10/28/08			
10	456.0	85	10/28/08			
10 1/8	462.0	86	10/28/08			
10 1/4	468.0	87	10/28/08			
10 3/8	474.0	88	10/28/08			
10 1/2	480.0	89	10/28/08			
10 5/8	486.0	90	10/28/08			
10 3/4	492.0	91	10/28/08			
10 7/8	498.0	92	10/28/08			
11	504.0	93	10/28/08			
11 1/8	510.0	94	10/28/08			
11 1/4	516.0	95	10/28/08			
11 3/8	522.0	96	10/28/08			
11 1/2	528.0	97	10/28/08			
11 5/8	534.0	98	10/28/08			
11 3/4	540.0	99	10/28/08			
11 7/8	546.0	100	10/28/08			
12	552.0	101	10/28/08			
12 1/8	558.0	102	10/28/08			
12 1/4	564.0	103	10/28/08			
12 3/8	570.0	104	10/28/08			
12 1/2	576.0	105	10/28/08			
12 5/8	582.0	106	10/28/08			
12 3/4	588.0	107	10/28/08			
12 7/8	594.0	108	10/28/08			
13	600.0	109	10/28/08			
13 1/8	606.0	110	10/28/08			
13 1/4	612.0	111	10/28/08			
13 3/8	618.0	112	10/28/08			
13 1/2	624.0	113	10/28/08			
13 5/8	630.0	114	10/28/08			
13 3/4	636.0	115	10/28/08			
13 7/8	642.0	116	10/28/08			
14	648.0	117	10/28/08			
14 1/8	654.0	118	10/28/08			
14 1/4	660.0	119	10/28/08			
14 3/8	666.0	120	10/28/08			
14 1/2	672.0	121	10/28/08			
14 5/8	678.0	122	10/28/08			
14 3/4	684.0	123	10/28/08			
14 7/8	690.0	124	10/28/08			
15	696.0	125	10/28/08			
15 1/8	702.0	126	10/28/08			
15 1/4	708.0	127	10/28/08			
15 3/8	714.0	128	10/28/08			
15 1/2	720.0	129	10/28/08			
15 5/8	726.0	130	10/28/08			
15 3/4	732.0	131	10/28/08			
15 7/8	738.0	132	10/28/08			
16	744.0	133	10/28/08			
16 1/8	750.0	134	10/28/08			
16 1/4	756.0	135	10/28/08			
16 3/8	762.0	136	10/28/08			
16 1/2	768.0	137	10/28/08			
16 5/8	774.0	138	10/28/08			
16 3/4	780.0	139	10/28/08			
16 7/8	786.0	140	10/28/08			
17	792.0	141	10/28/08			
17 1/8	798.0	142	10/28/08			
17 1/4	804.0	143	10/28/08			
17 3/8	810.0	144	10/28/08			
17 1/2	816.0	145	10/28/08			
17 5/8	822.0	146	10/28/08			
17 3/4	828.0	147	10/28/08			
17 7/8	834.0	148	10/28/08			
18	840.0	149	10/28/08			
18 1/8	846.0	150	10/28/08			
18 1/4	852.0	151	10/28/08			
18 3/8	858.0	152	10/28/08			
18 1/2	864.0	153	10/28/08			
18 5/8	870.0	154	10/28/08			
18 3/4	876.0	155	10/28/08			
18 7/8	882.0	156	10/28/08			