

NOTES:

1. MATERIAL:

HSG: PCT, 30% GLASS FILLED,UL 94V-0,  
COLOUR BLACK.

PIN: 0.50MM SQ PHOSPHOR BRONZE 510

2. PLATING:

\*\*\*5 - 0.05um MIN - 0.25um MAX GOLD IN CONTACT AREA,  
2.00um MIN TIN IN SOLDERTAIL AREA, BOTH OVER  
1.25um MIN NICKEL OVERALL

\*\*\*6 - 0.38um MIN GOLD IN CONTACT AREA,  
2.00um MIN TIN IN SOLDERTAIL AREA, BOTH OVER  
1.25um MIN NICKEL OVERALL

\*\*\*7 - 0.76um MIN GOLD IN CONTACT AREA,  
2.00um MIN TIN IN SOLDERTAIL AREA, BOTH OVER  
1.25um MIN NICKEL OVERALL

\*\*\*8 - 2.54um MIN TIN OVER  
1.25um MIN NICKEL OVERALL

3. 12 CKT USED FOR ILLUSTRATION ONLY

4. PART TO BE PACKED IN POCKET TRAY/TUBE (SEE TABLE).

5. PRODUCT SPEC PS-87761-100 APPLIES.

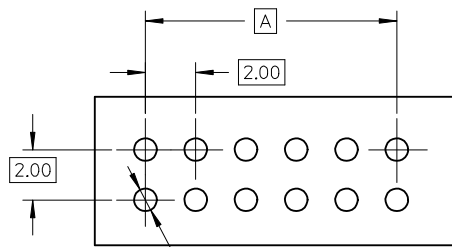
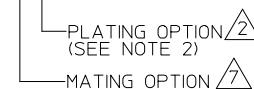
6. RECOMMENDED PCB BOARD THK 1.60±0.10 MM.

7. MATING LENGTH: 1 - 4.00MM  
2 - 3.50MM  
3 - 3.06MM  
4 - 5.75MM

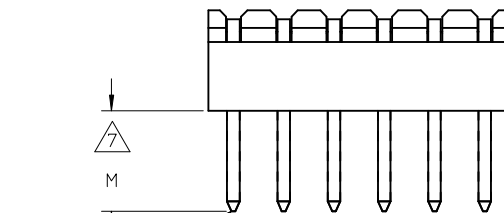
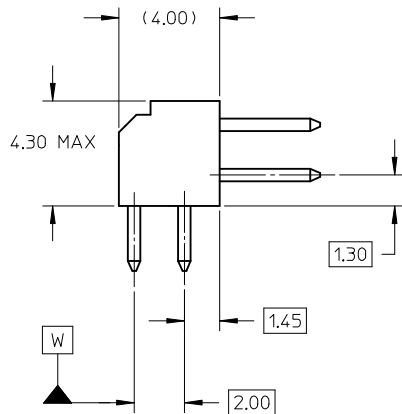
8. PART NUMBERS THAT ARE UNAVAILABLE IN THIS SD:  
87760-0646, 87760-1046, 87760-1446, 87760-2446, 87760-4046.  
(REFER TO SD-87760-133 FOR THESE PART NUMBERS)

LEGEND:

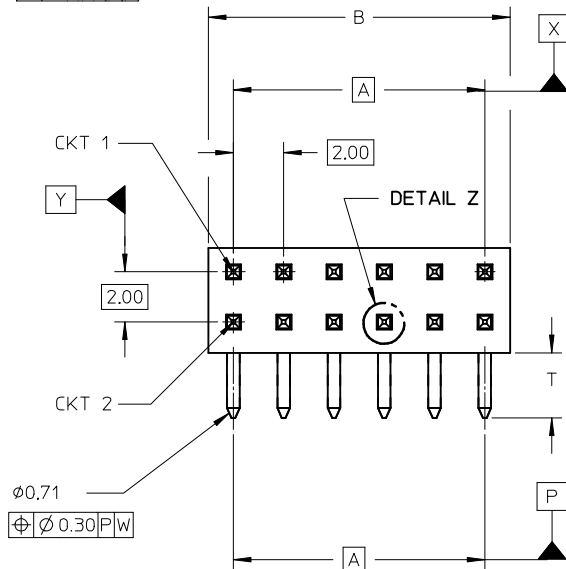
87760 - \* \* \* \*



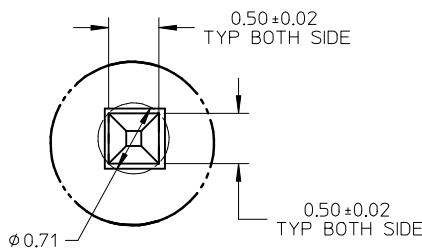
RECOMMENDED PCB LAYOUT



0.71  
0.30 X Y










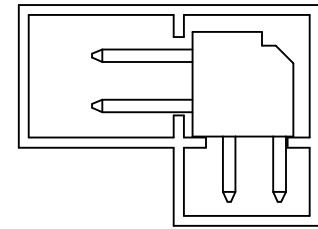
0.71  
0.30 P W




DETAIL Z


SHT 3, +87760-5516 EC NO: S2013-0842 DRWN:ATSEE 2013/05/31 CH'KD:SKANG 2013/06/28 APPR:MLONG 2013/07/08 REV A16	QUALITY SYMBOLS $F_{\Delta} = 0$ $F_{\square} = 0$ $F_{\nabla} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY KSEE	DATE 2003/10/15	TITLE MGRID, 2MM DUAL ROW HDR. R/A				
		3 PLACES ± --- ± ---		CHECKED BY KCL ING	DATE 2003/12/02					
		2 PLACES ± 0.2 ± ---		APPROVED BY SKTOH	DATE 2003/12/11					
		1 PLACE ± --- ± ---		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87760-109		SHEET NO. 1 OF 3		
		0 PLACE ± ±		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		ANGULAR ± 3 °								




10	9	8	7	6	5	4	3	2	1
PART NUMBER	VOID PIN LOCATION	CKT SIZE	A	B	M	T	PACKAGING TYPE		
87760-04**	-	04	2.00	4.00	REFER TO NOTE 	2.60	TRAY		
87760-06** 	-	06	4.00	6.00					
87760-08**	-	08	6.00	8.00					
87760-10** 	-	10	8.00	10.00					
87760-12** 	-	12	10.00	12.00					
87760-14** 	-	14	12.00	14.00					
87760-16**	-	16	14.00	16.00					
87760-18**	-	18	16.00	18.00					
87760-20**	-	20	18.00	20.00					
87760-22**	-	22	20.00	22.00					
87760-24** 	-	24	22.00	24.00					
87760-26**	-	26	24.00	26.00					
87760-28**	-	28	26.00	28.00					
87760-30**	-	30	28.00	30.00					
87760-32**	-	32	30.00	32.00					
87760-34**	-	34	32.00	34.00					
87760-36**	-	36	34.00	36.00					
87760-38**	-	38	36.00	38.00					
87760-40** 	-	40	38.00	40.00					
87760-42**	-	42	40.00	42.00					
87760-44**	-	44	42.00	44.00					
87760-46**	-	46	44.00	46.00					
87760-48**	-	48	46.00	48.00					
87760-50**	-	50	48.00	50.00					



PART IN TUBE

SHT 3, +87760-5516 EC NO: S2013-0842 DRWN:ATSEE 2013/05/31 CHKD:SKANG 2013/06/28 APPR:MLONG 2013/07/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$	mm INCH	MM ONLY	NTS	METRIC	
	$F_G=0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	$F_P=0$	3 PLACES ± --- ± ---	KSEE 2003/10/15	MGRID, 2MM DUAL ROW HDR. R/A		
	2 PLACES ± 0.2 ± ---	CHECKED BY DATE				
	1 PLACE ± --- ± ---	KCLING 2003/12/02				
	0 PLACE ± ±	APPROVED BY DATE	DOCUMENT NO.			
	ANGULAR ± 3 °	SKTOH 2003/12/11	SD-87760-109			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SHEET NO.			
		SEE TABLE	2 OF 3			
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10	9	8	7	6	5	4	3	2	1
PART NUMBER	VOID PIN LOCATIONS	CKT SIZE	A	B	M	T	PACKAGING TYPE		
87760-5116	5, 6 & 26	50	48.00	50.00	REFER TO NOTE 	2.60	TUBE		
87760-531*	-	24	22.00	24.00		1.50	TRAY		
87760-5216	-	04	2.00	4.00		2.60	TUBE		
87760-5416	-	20	18.00	20.00					
87760-5248	-	28	26.00	28.00					
87760-5516	5, 6, 7, 8, 9, 10, 15, 16, 17, 18, 19, 20, 25, 26, 27, 28, 29, 30	34	32.00	34.00					

SHT 3, +87760-5516 EC NO: S2013-0842 DRWN:ATSEE 2013/05/31 CHKD:SKANG 2013/06/28 APPR:MLONG 2013/07/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE		
		3 PLACES	± ---	± ---	KSEE	2003/10/15	MGRID, 2MM DUAL ROW HDR. R/A		
		2 PLACES	± 0.2	± ---	CHECKED BY	DATE			
	1 PLACE	± ---	± ---	KCLING	2003/12/02				
	0 PLACE	±	±	APPROVED BY	DATE				
				SKTOH	2003/12/11				
				MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				SEE TABLE		SD-87760-109		3 OF 3	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					