

10 9 8 7 6 5 4 3 2 1

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 SOLDER TAIL AREA, BOTH OVER
1.25um MIN NICKEL OVERALL

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

***7 - 0.76um MIN GOLD IN CONTACT AREA,
2.00um MIN TIN IN SOLDER TAIL 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.

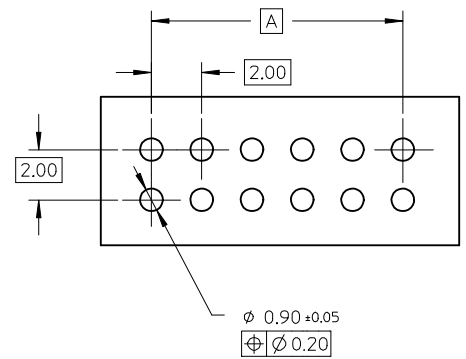
7. MATING LENGTH: 1 - 4.00MM
2 - 3.50MM
3 - 3.06MM
4 - 5.75MM

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)

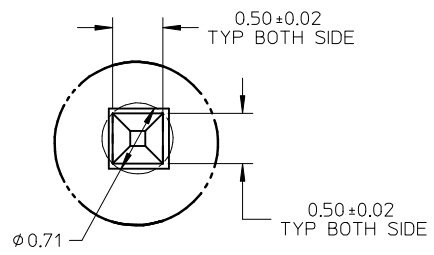
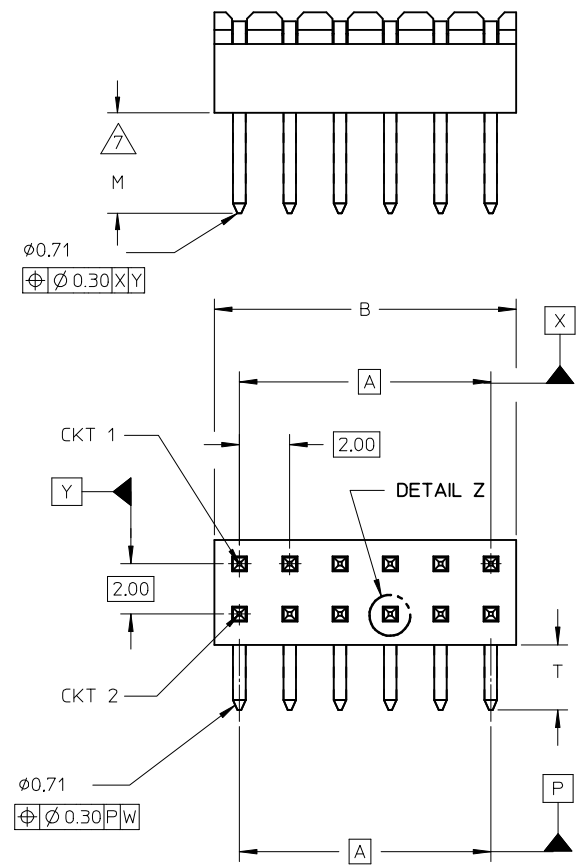
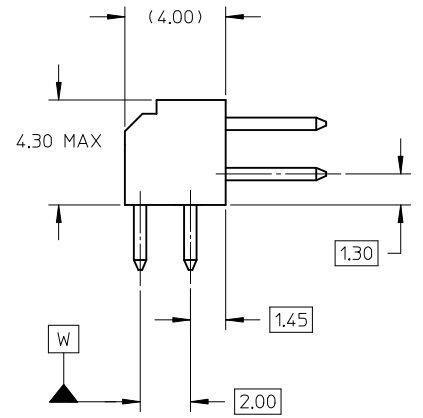
LEGEND:

87760 - * * * *

PLATING OPTION 2
(SEE NOTE 2)
MATING OPTION 7



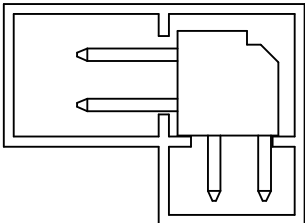
RECOMMENDED PCB LAYOUT



DETAIL Z

SHT 3, +87760-5516 EC NO: S2013-0842 DRW:NATSEE 2013/05/31 CHKD:SKANG 2013/06/28 APPR:MLONG 2013/07/08 REV	QUALITY SYMBOLS F _A =0 F _G =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY KSEE	DATE 2003/10/15	
				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.		
				0 PLACE	± ±	DOCUMENT NO.		
				ANGULAR ± 3 °		SEE TABLE		
				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		
						SIZE A3		

9 8 7 6 5 4 3 2 1

	10	9	8	7	6	5	4	3	2	1		
	PART NUMBER	VOID PIN LOCATION	CKT SIZE	A	B	M	T	PACKAGING TYPE	 PART IN TUBE			
F	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							
E	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							
D	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							
C	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							
B												
A	SHT 3, +87760-5516 EC NO: S2013-0842 DRWN:ATSEE 2013/05/31 CHKD:SKANG 2013/06/28 APPR:MLONG 2013/07/08 DESCRIPTION REV QUALITY SYMBOLS =0 =0 =0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE 2003/10/15 CHECKED BY DATE 2003/12/02 APPROVED BY DATE 2003/12/11 MATERIAL NO. SEE TABLE SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION  TITLE MGRID, 2MM DUAL ROW HDR. R/A molex DOCUMENT NO. SD-87760-109 SHEET NO. 2 OF 3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION SIZE A3 ib_frame_A3_P_AM-T Rev. G 2012/01/11 9 8 7 6 5 4 3 2 1											

	10	9	8	7	6	5	4	3	2	1																																																															
F	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 7.	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																																																																				
E	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																																																																				
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