

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 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.

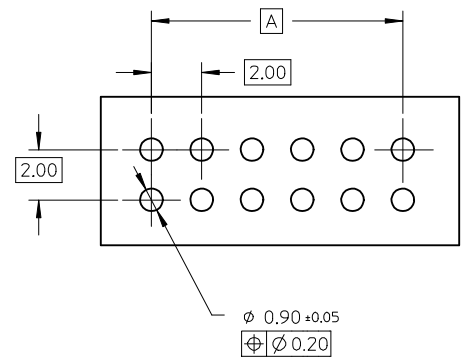
7. MATING LENGTH: 1 - 4.00MM
2 - 3.50MM
3 - 3.06MM
4 - 5.75MM

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)

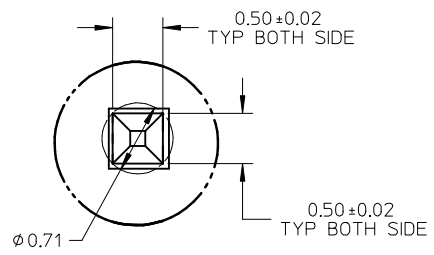
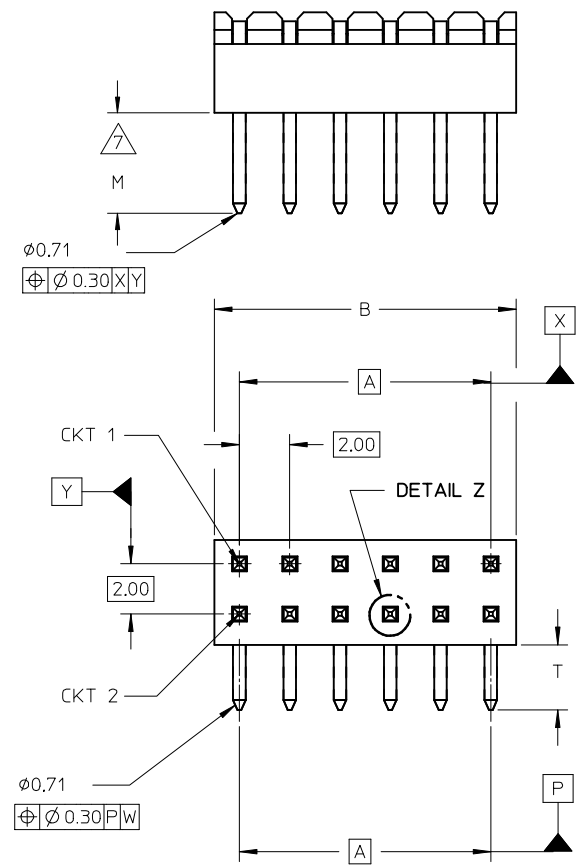
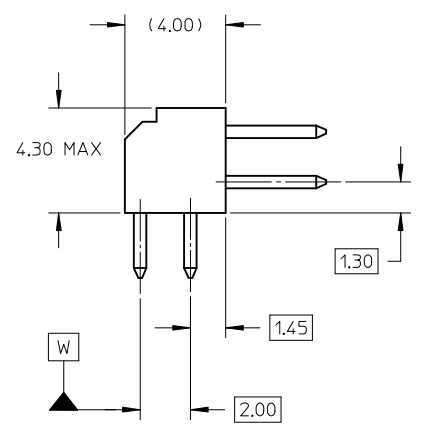
LEGEND:

87760 - * * * *

PLATING OPTION 2
(SEE NOTE 2)
MATING OPTION 7



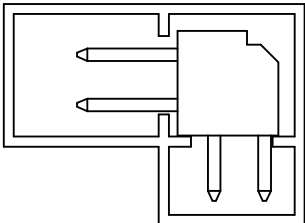
RECOMMENDED PCB LAYOUT



DETAIL Z

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

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									
E	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									
D	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									
C	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									
B	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									
A	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	
	A16	REV	DESCRIPTION	 =0	4 PLACES	± ---	± ---	DRAWN BY	DATE	MGRID, 2MM DUAL ROW HDR. R/A				
				 =0	3 PLACES	± ---	± ---	CHECKED BY	DATE					
				 =0	2 PLACES	± 0.2	± ---	KCLING	2003/12/02					
				1 PLACE	± ---	± ---	APPROVED BY	DATE						
				0 PLACE	±	±	SKTOH	2003/12/11						
	ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87760-109		2 OF 3							
	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	fb_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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