

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.

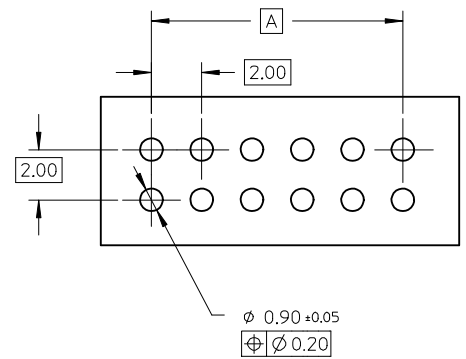
7. MATING LENGTH: 1 - 4.00MM
2 - 3.50MM
3 - 3.06MM
4 - 5.75MM

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)

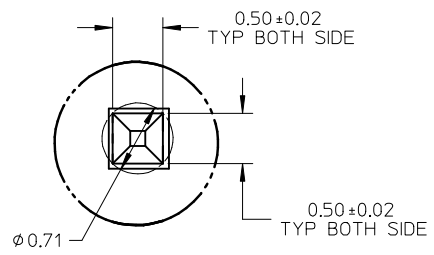
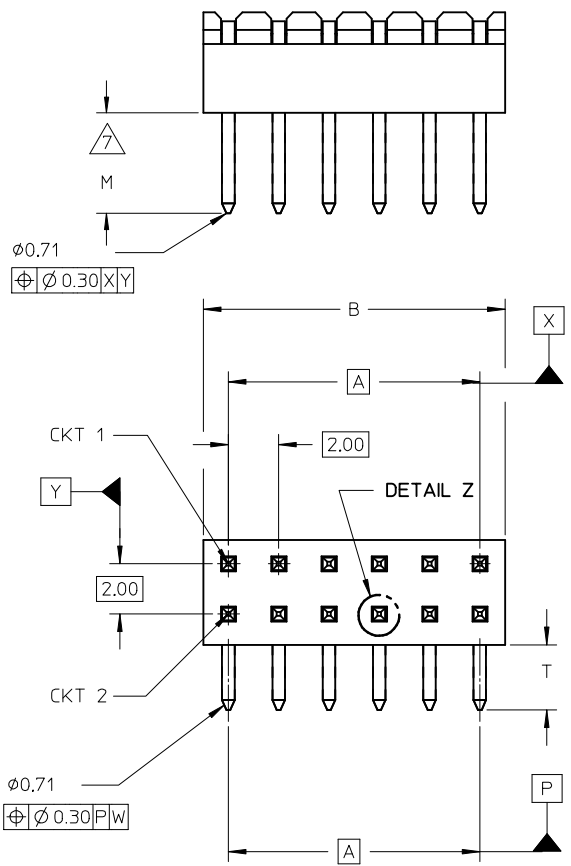
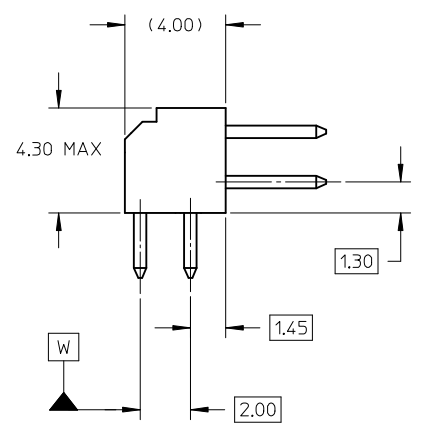
LEGEND:

87760 - * * * *

PLATING OPTION 2
(SEE NOTE 2)
MATING OPTION 7

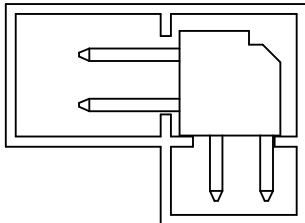


RECOMMENDED PCB LAYOUT



DETAIL Z

SHT 3, +87760-5516 EC NO: S2013-0842 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	
			 =0  =0  =0			DRAWN BY	DATE	TITLE MGRID, 2MM DUAL ROW HDR. R/A			
				4 PLACES	± ---	± ---	KSEE		2003/10/15		
				3 PLACES	± ---	± ---	CHECKED BY		DATE		
A16		REV		2 PLACES	± 0.2	± ---	KCL ING	2003/12/02			
				1 PLACE	± ---	± ---	APPROVED BY	DATE			
				0 PLACE	±	±	SKTOH	2003/12/11			
				ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SIZE A3	SEE TABLE SD-87760-109 1 OF 3				
							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 LOCATION	CKT SIZE	A	B	M	T	PACKAGING TYPE																																			
F	87760-04**	-	04	2.00	4.00	REFER TO NOTE 	2.60	TRAY	 PART IN TUBE																																		
	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 A16		QUALITY SYMBOLS =0 =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.2</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± ---	± ---	0 PLACE	±	±	DIMENSION STYLE MM ONLY <table><tr><th>DRAWN BY</th><th>DATE</th></tr><tr><td>KSEE</td><td>2003/10/15</td></tr><tr><th>CHECKED BY</th><th>DATE</th></tr><tr><td>KCLING</td><td>2003/12/02</td></tr><tr><th>APPROVED BY</th><th>DATE</th></tr><tr><td>SKTOH</td><td>2003/12/11</td></tr></table> MATERIAL NO. SEE TABLE SIZE 	DRAWN BY	DATE	KSEE	2003/10/15	CHECKED BY	DATE	KCLING	2003/12/02	APPROVED BY	DATE	SKTOH	2003/12/11	SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION MGRID, 2MM DUAL ROW HDR. R/A molex SD-87760-109 SHEET NO. 2 OF 3
		mm	INCH																																								
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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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