

Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)
[0877603618](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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.

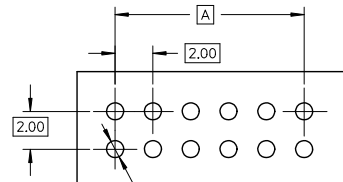
7. MATING LENGTH:
1 - 4.00MM
2 - 3.50MM
3 - 3.06MM
4 - 5.75MM

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)

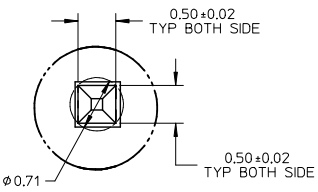
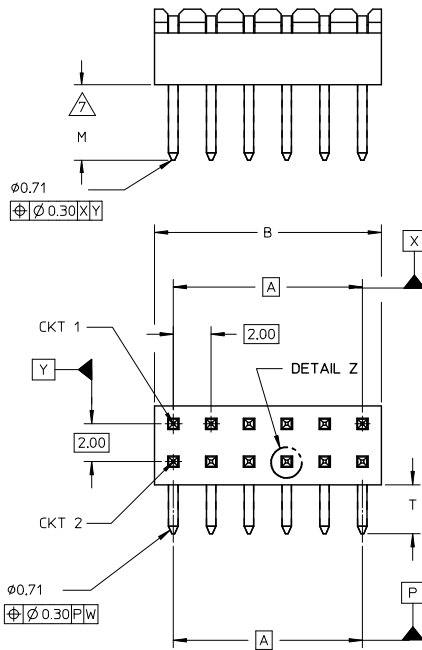
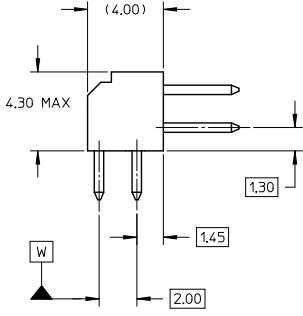
LEGEND:

87760 - * * * *

PLATING OPTION (SEE NOTE 2)
MATING OPTION



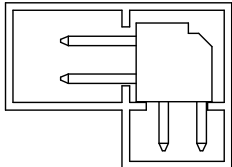
RECOMMENDED PCB LAYOUT



















DETAIL Z

SHT 3, +87760-5516 EC NO: S2013-0842 DRAWN BY: DRW/ATSEE CHKD: SKANG APPR: M LONG DATE: 2013/05/31 DATE: 2013/06/28 DATE: 2013/07/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DESCRIPTION ▽=0 ▽=0 ▽=0	mm INCH		DRAWN BY DATE		TITLE MGRID, 2MM DUAL ROW HDR, R/A			
				KSEE 2013/10/15					
				CHECKED BY DATE					
		2 PLACES ± 0.2 ± ---		KCLING 2013/12/02					
		1 PLACE ± --- ± ---		APPROVED BY DATE					
		0 PLACE ± ±		SKTOH 2013/12/11					
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87760-109		1 OF 3	
REV A16				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		<div><p>PART IN TUBE</p></div>				
87760-04**		-		04		2.00		4.00		REFER TO NOTE 7		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												
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	10	9	8	7	6	5	4	3	2	1																																																																												
F	PART NUMBER	VOID PIN LOCATIONS	CKT SIZE	A	B	M	T	PACKAGING TYPE				F																																																																										
	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																																																																																	
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							E																																																																										
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