

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0877600816](#)

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

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.

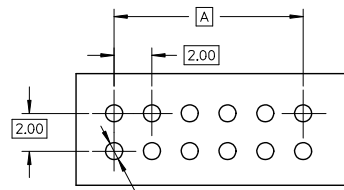
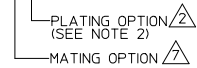
6. RECOMMENDED PCB BOARD THK 1.60±0.10 MM.

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

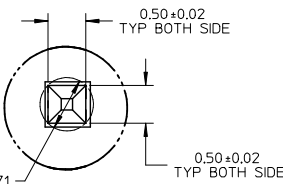
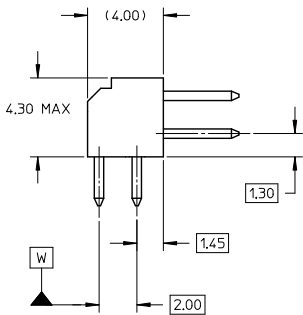
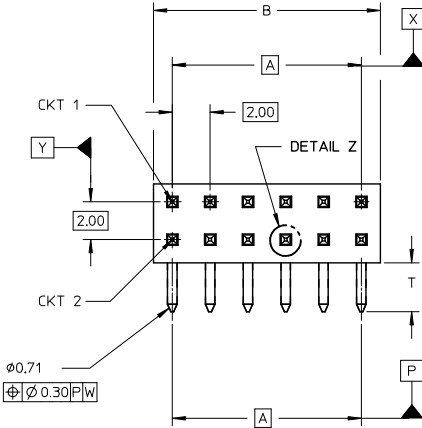
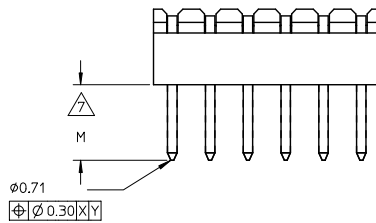
PART NUMBERS THAT ARE UNAVAILABLE IN THIS SD:
87760-0646, 87760-1046, 87760-1446, 87760-2446, 87760-4046.
(REFER TO SD-87760-133 FOR THESE PART NUMBERS)

LEGEND:

87760 - * * * *



RECOMMENDED PCB LAYOUT



DETAIL Z

SHT 3, +87760-5516 EC NO: S2013-0842 DRAWN BY: DRWNAISEE CHKD: SKANG APPR: MLONG	2013/05/31 2013/06/28 2013/07/08	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				mm	INCH	MM ONLY	NTS	METRIC			
REV A16			$\nabla=0$ $\nabla=0$ $\nabla=0$	4 PLACES	±---	±---	DRAWN BY	DATE	TITLE MGRID, 2MM DUAL ROW HDR, R/A molex DOCUMENT NO. SD-87760-109 SHEET NO. 1 OF 3		
				3 PLACES	±---	±---	KSEE	2003/10/15			
				2 PLACES	±0.2	±---	CHECKED BY	DATE			
				1 PLACE	±---	±---	KCLING	2003/12/02			
				0 PLACE	±	±	APPROVED BY	DATE			
				ANGULAR ± 3°			SKTOH	2003/12/11			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		SEE TABLE					
				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										
87760-04**	-	04	2.00	4.00															
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	REFER TO NOTE 7		2.60		TRAY		<p>PART IN TUBE</p>								
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															

SHT 3, +87760-5516 IEC NO. S2013-0842 DRAWN BY DRWATSEE 2013/05/31 CHECKED BY CHYD-SKANG 2013/06/28 APPROVED BY APPLHLONG 2013/07/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
	$\sqrt{\text{ }}=0$ $\sqrt{\text{ }}=0$ $\sqrt{\text{ }}=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.2	±---	1 PLACE	±---	±---	0 PLACE	±	±	MM ONLY	NTS	METRIC	
		mm	INCH																					
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0 PLACE	±	±																						
DESCRIPTION	ANGULAR ± 3°	DRAWN BY DATE KSEE 2003/10/15	TITLE MGRID, 2MM DUAL ROW HDR, R/A																					
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY DATE KCLING 2003/12/02																						
		APPROVED BY DATE SKTOH 2003/12/11	DOCUMENT NO. SD-87760-109																					
		MATERIAL NO.	SHEET NO. 2 OF 3																					
		SEE TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0877600816 - CONN HEADER 8POS 2MM R/A GOLD

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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					

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	=0	mm INCH	MM ONLY	NTS	METRIC	
	=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	=0	3 PLACES ± --- ± ---	KSEE 2003/10/15	MGRID, 2MM DUAL ROW HDR. R/A		
	=0	2 PLACES ± 0.2 ± ---	CHECKED BY DATE	 DOCUMENT NO. SD-87760-109 SHEET NO. 3 OF 3		
	1 PLACE ± --- ± ---	KCLING 2003/12/02				
	0 PLACE ± ±	APPROVED BY DATE				
		SKTOH 2003/12/11	MATERIAL NO. SEE TABLE			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
			SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			