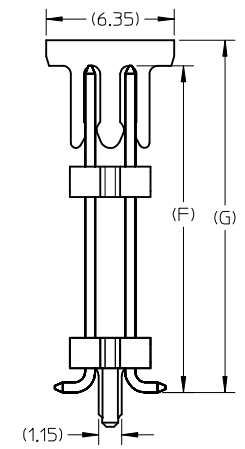
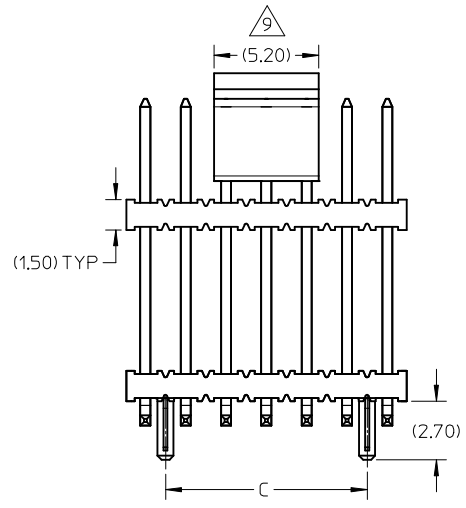
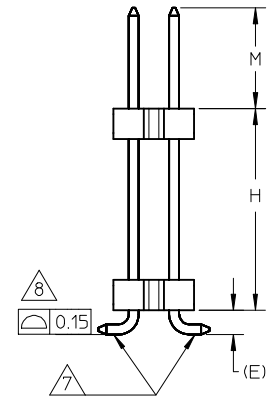


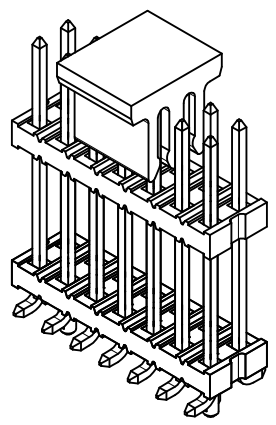
RECOMMENDED PCB LAYOUT



PART WITH PEGS & CAP VERSION



PART WITHOUT PEGS & CAP VERSION

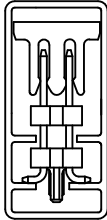
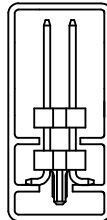
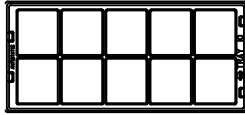
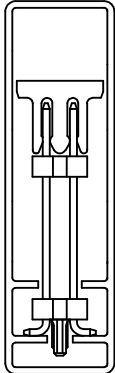
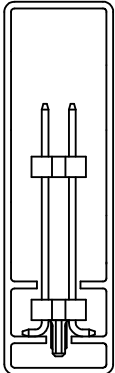
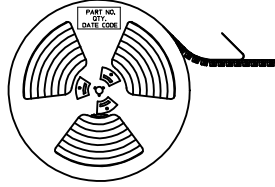


NOTES

1. MATERIAL:  
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK  
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK  
PIN: 0.50MM SQ, COPPER ALLOY
2. PLATING TYPE:  
(1) 0.025µm GOLD OVERALL  
1.25µm MIN. NICKEL OVERALL.  
(2) 0.05 - 0.25µm. GOLD ON CONTACT AND  
2.50µm MIN. TIN ON SOLDER TAIL OVER  
1.25µm MIN. NICKEL OVERALL.  
(3) 0.38µm MIN. GOLD PLATE ON CONTACT AND  
2.00µm MIN. TIN ON SOLDER TAIL OVER  
1.25µm MIN. NICKEL OVERALL.  
(4) 0.75µm MIN. GOLD PLATE ON CONTACT AND  
2.00µm MIN. TIN ON SOLDER TAIL OVER  
1.25µm MIN. NICKEL OVERALL.  
(5) 2.50µm MIN. TIN OVERALL  
1.25µm MIN. NICKEL OVERALL  
(6) 0.05 - 0.25µm. GOLD OVERALL  
1.25µm MIN. NICKEL OVERALL.
3. PRODUCT SPECIFICATION: PS-87761-100
4. PACKAGING TYPE: PLS SEE TABLE
5. PACKAGING SPEC: PLS SEE SHEET 2 AND SHEET 3
6. WAFER TO BE FLAT WITHIN 0.003 mm/mm
7. BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
9. CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE
10. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
11. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
12. THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY
13. TUBE LENGTH AS PER STANDARD 560mm

ADD P/N: 87762-3009 EC NO: S2015-0258 DRWN:CGOH 2014/09/15 CHKD:ATSEE 2014/10/13 APPR:KILIM 2014/10/13	QUALITY SYMBOLS $F_A=0$ $F_C=0$ $F_B=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		mm	INCH	DRAWN BY	DATE	TITLE					
		4 PLACES ± --- ± ---	SKLIM01	2006/07/21	CUSTOM HEADER						
		3 PLACES ± --- ± ---	CHECKED BY	DATE	2.00MM PITCH DUAL ROW						
2 PLACES ± 0.2 ± ---	CWLAM	2006/10/31	HEADER, DUAL WAFER, SMT								
1 PLACE ± --- ± ---	APPROVED BY	DATE	MOLEX INCORPORATED								
ANGULAR ± 3 °		MLONG	2010/03/08	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87762-175		1 OF 3					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

## PACKAGING SPECIFICATION OVERVIEW

ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)	ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)
1	TUBE	PK-89990-475	DIMENSION F/G= <13.3MM	 <b>HEADER WITH CAP IN TUBE</b>  <b>HEADER WITHOUT CAP IN TUBE</b>	3	TRAY	PK-89990-487	DIMENSION F/G= MAX. 40.0MM	
2	TUBE	PK-89990-474	DIMENSION F/G= 13.4MM ~ 23.4MM	 <b>HEADER WITH CAP IN TUBE</b>  <b>HEADER WITHOUT CAP IN TUBE</b>	4	TAPE & REEL	PK-89990-484 (REEL Ø: 330.0 MAX.)	DIMENSION F/G= MAX. 26.0MM	

ADD P/N: 87762-3009 EC NO: S2015-0258 DRWN:CGH 2014/09/15 CHKD:ATSE 2014/10/13 APPR:KHLIM 2014/10/13	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$F_A=0$ $F_G=0$ $F_P=0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY DRAWN BY SKLIM01    DATE 2006/07/21 CHECKED BY CWLAM    DATE 2006/10/31 APPROVED BY MLONG    DATE 2010/03/08	NTS TITLE CUSTOM HEADER 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER, SMT	Molex MOLEX INCORPORATED	DOCUMENT NO. SD-87762-175 SHEET NO. 2 OF 3
		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		

CKT SIZE	DIMENSION			PART NO. IN PACKAGING OPTION				CKT SIZE	PEG	PLATE OPT.	DIMENSION					PACKAGING SPECIFICATION (PLS REFER TO SHEET 2)
	A	B	C	TAPE & REEL WITH CAP	TUBE WITH CAP	TUBE WITHOUT CAP	W/O CAP IN TRAY				G	(F)	MATING END	STACKER HEIGHT	SMT HEIGHT	
04	4.00	2.00	-					4	N	3	11.47	10.20	4.40	4.60	1.20	4
06	6.00	4.00	-					8	N	3	11.47	10.20	4.40	4.60	1.20	4
08	8.00	6.00	4.00					6	N	4	13.48	11.86	3.73	6.93	1.20	4
10	10.00	8.00	6.00					-	-	-	-	-	-	-	-	-
12	12.00	10.00	8.00			87762-1007		10	N	3	-	15.45	7.32	6.93	1.20	2
14	14.00	12.00	10.00					14	N	5	11.05	8.70	3.00	4.50	1.20	4
16	16.00	14.00	12.00					14	Y	3	13.27	12.00	4.50	6.30	1.20	4
18	18.00	16.00	14.00			87762-1652		16	Y	3	-	12.90	6.90	4.80	1.20	1
20	20.00	18.00	16.00					16	N	4	11.27	10.00	4.90	3.90	1.20	4
22	22.00	20.00	18.00					16	Y	2	25.65	24.30	4.00	19.10	1.20	4
24	24.00	22.00	20.00			87762-1800		18	Y	3	18.87	17.60	4.52	11.88	1.20	2
26	26.00	24.00	22.00					20	Y	4	9.71	8.44	4.24	3.00	1.20	4
28	28.00	26.00	24.00					20	Y	3	23.85	22.30	3.80	17.30	1.20	4
30	30.00	28.00	26.00			87762-3080		30	N	1	-	13.45	3.35	8.90	1.20	2
32	32.00	30.00	28.00					30	N	1	15.45	13.45	3.35	8.90	1.20	4
34	34.00	32.00	30.00					30	Y	6	19.27	18.00	5.00	11.80	1.20	4
36	36.00	34.00	32.00					30	N	2	16.55	14.20	3.00	10.00	1.20	4
38	38.00	36.00	34.00					40	Y	3	17.65	16.30	3.50	11.60	1.20	4
40	40.00	38.00	36.00													
42	42.00	40.00	38.00													
44	44.00	42.00	40.00													
46	46.00	44.00	42.00													
48	48.00	46.00	44.00													
50	50.00	48.00	46.00													

<b>ADD P/N: 87762-3009</b> EC NO: S2015-0258 DRWN:CGOH 2014/09/15 CHKD:ATSEE 2014/10/13 APPR:KLLIM 2014/10/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	<table border="1"> <tr><th colspan="2">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> </table>	mm		INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± ---	± ---	MM ONLY	NTS	METRIC	
	mm		INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																			
2 PLACES	± 0.2	± ---																			
1 PLACE	± ---	± ---																			
DESCRIPTION	ANGULAR ± 3 °	DRAWN BY SKLIM01 CHECKED BY CWLAM APPROVED BY MLONG DATE 2006/07/21 DATE 2006/10/31 DATE 2010/03/08	TITLE	<b>CUSTOM HEADER</b> <b>2.00MM PITCH DUAL ROW</b> <b>HEADER, DUAL WAFER, SMT</b> <b>MOLEX INCORPORATED</b>																	
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.																
C			A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	