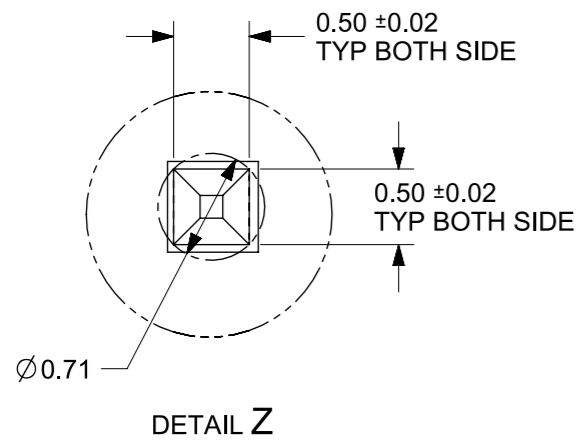
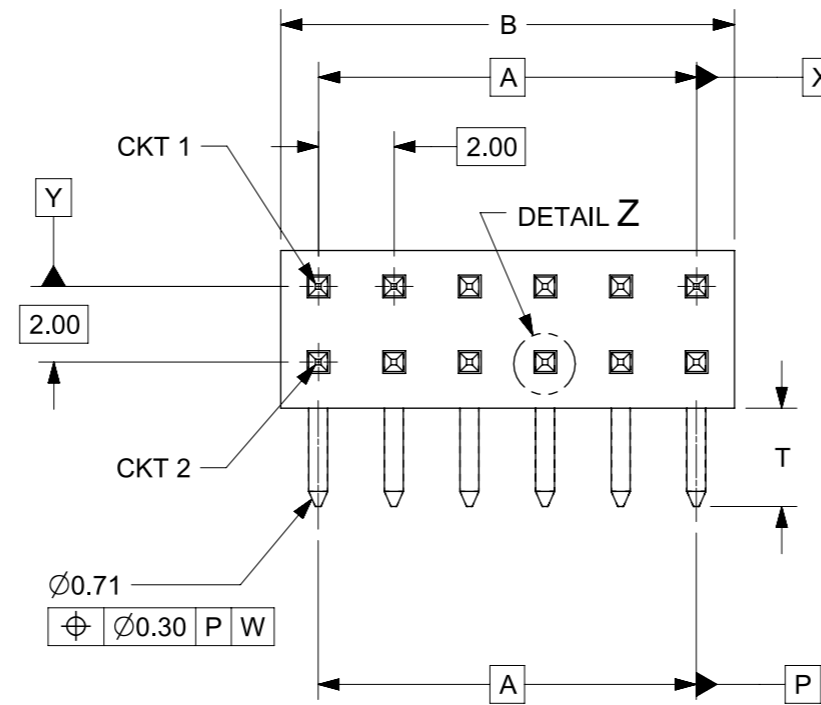
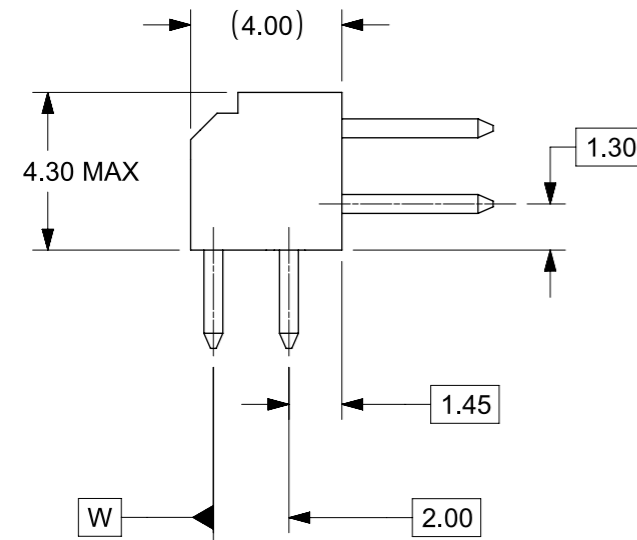
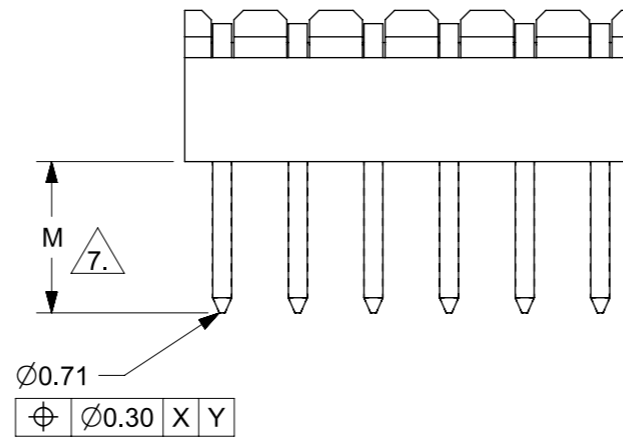


RECOMMENDED PCB LAYOUT



- NOTES:
- MATERIAL:
HSG: PCT, 30% GLASS FILLED, UL 94V-0, COLOUR BLACK.
PIN: 0.50MM SQ PHOSPHOR BRONZE 510
 - PLATING:
***5 - 0.05µm MIN - 0.25µm MAX GOLD IN CONTACT AREA, 2.00µm MIN TIN IN SOLDER TAIL AREA, BOTH OVER 1.25µm MIN NICKEL OVERALL

***6 - 0.38µm MIN GOLD IN CONTACT AREA, 2.00µm MIN TIN IN SOLDER TAIL AREA, BOTH OVER 1.25µm MIN NICKEL OVERALL

***7 - 0.76µm MIN GOLD IN CONTACT AREA, 2.00µm MIN TIN IN SOLDER TAIL AREA, BOTH OVER 1.25µm MIN NICKEL OVERALL

***8 - 2.54µm MIN TIN OVER 1.25µm MIN NICKEL OVERALL
 - 12 CKT USED FOR ILLUSTRATION ONLY
 - PART TO BE PACKED IN POCKET TRAY/TUBE (SEE TABLE).
 - PRODUCT SPEC PS-87761-100 APPLIES.
 - 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:

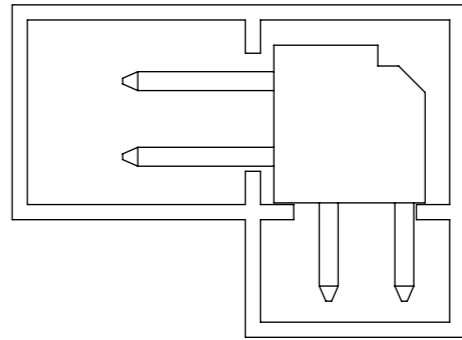
8 7 7 6 0 - * * * *

PLATING OPTION (SEE NOTE 2) 2.

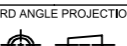
MATING OPTION 7.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex	
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 756033		DRWN: SUAIFR		2023/05/23		MGRID, 2MM DUAL ROW HDR. R/A	
				CHK'D: SUAIFR		2023/07/07					
				APPR: MRAMAKRISHNA		2023/07/10		PRODUCT CUSTOMER DRAWING			
				INITIAL REVISION:							
4 PLACES ±				DRWN: KSEE		2003/10/15		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
3 PLACES ±				APPR: SKTOH		2003/12/11					
2 PLACES ± 0.2								SD-87760-109		PSD 001 A18	
1 PLACE ±											
0 PLACES ±								MATERIAL NUMBER		CUSTOMER	
ANGULAR TOL ± 3.0°											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
						A3-SIZE		87760		1 OF 3	


PART NUMBER	VOID PIN LOCATION	CKT SIZE	A	B	M	T	PACKAGING TYPE
87760-04**	-	4	2.00	4.00			
87760-06** 	-	6	4.00	6.00			
87760-08**	-	8	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	REFER TO NOTE 	2.60	TRAY
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			




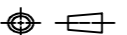
PART IN TUBE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 756033				MGRID, 2MM DUAL ROW HDR. R/A	
				DRWN: SUAIFR 2023/05/23					
4 PLACES ±		±		CHK'D: SUAIFR 2023/07/07				PRODUCT CUSTOMER DRAWING	
3 PLACES ±		±		APPR: MRAMAKRISHNA 2023/07/10					
2 PLACES ±		0.2 ±		INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ±		±		DRWN: KSEE 2003/10/15				SD-87760-109	
0 PLACES ±		±		APPR: SKTOH 2003/12/11				PSD 001 A18	
ANGULAR TOL ±		3.0°		THIRD ANGLE PROJECTION		DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		87760		MATERIAL NUMBER	
				SEE TABLE		CUSTOMER		SHEET NUMBER	
				GENERAL MARKET				2 OF 3	

9 8 7 6 5 4 3 2 1

PART NUMBER	VOID PIN LOCATION	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			
87760-0856	-	08	6.00	8.00	2.60	2.10	TRAY

(A18)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC:				 MGRID, 2MM DUAL ROW HDR. R/A			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 756033				DOCUMENT NUMBER: SD-87760-109 DOC TYPE: PSD DOC PART: 001 REVISION: A18			
				DRWN: SUAIFR 2023/05/23							
				CHK'D: SUAIFR 2023/07/07				PRODUCT CUSTOMER DRAWING			
				APPR: MRAMAKRISHNA 2023/07/10							
4 PLACES ±				INITIAL REVISION:				MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 3			
3 PLACES ±				DRWN: KSEE 2003/10/15							
2 PLACES ± 0.2				APPR: SKTOH 2003/12/11							
1 PLACE ±				ANGULAR TOL ± 3.0°							
0 PLACES ±				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 			
DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
A3-SIZE		87760		SEE TABLE		GENERAL MARKET		3 OF 3			

8 7 6 5 4 3 2 1