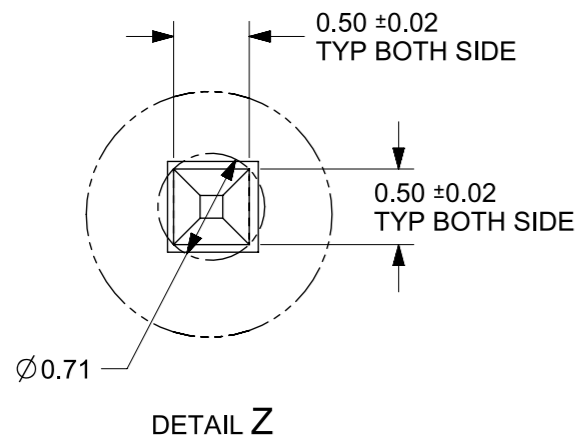
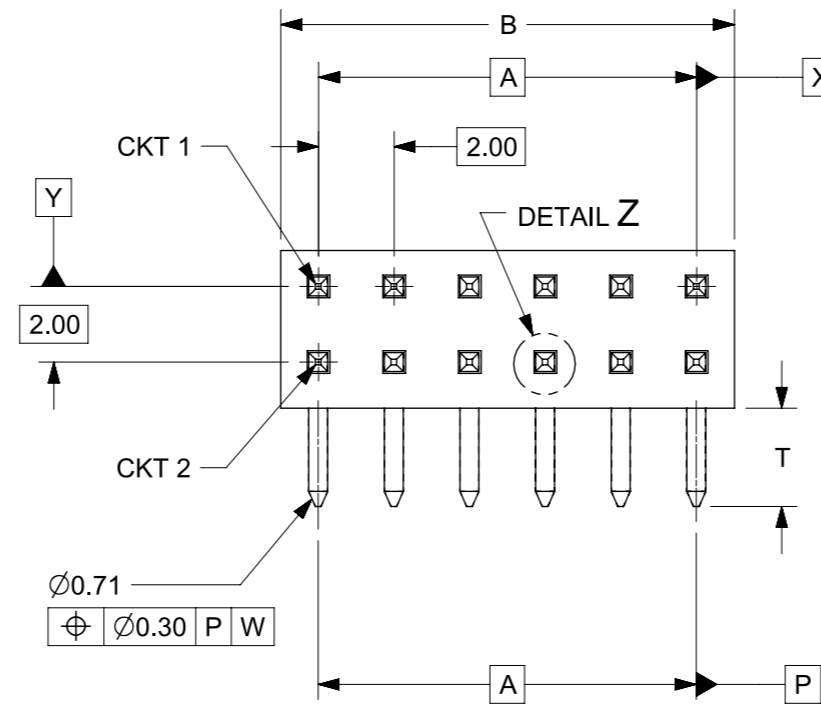
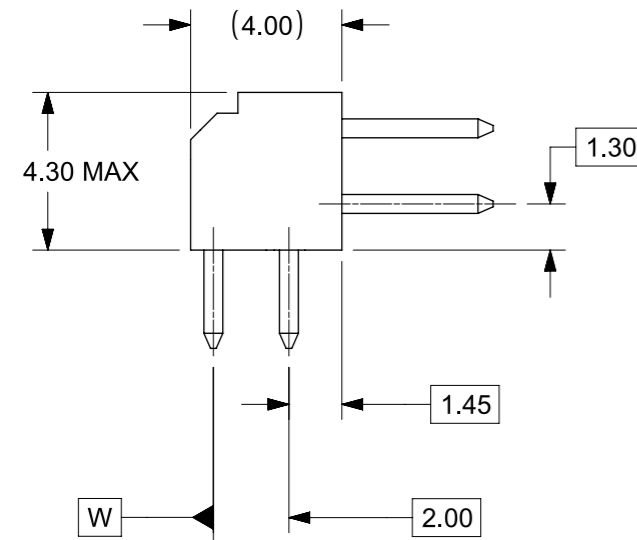
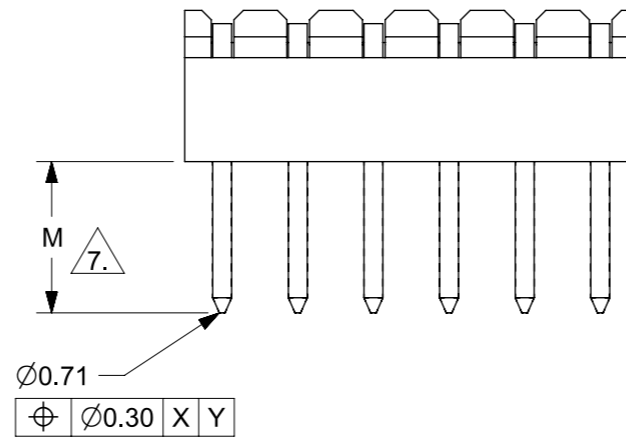


RECOMMENDED PCB LAYOUT



- 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 SOLDERTAIL AREA, BOTH OVER 1.25µm MIN NICKEL OVERALL

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

***7 - 0.76µm MIN GOLD IN CONTACT AREA, 2.00µm MIN TIN IN SOLDERTAIL 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)

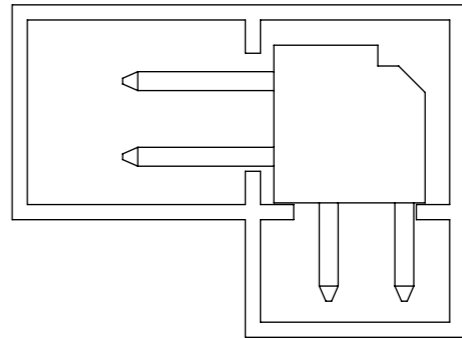
LEGEND:

87760 - * * * *

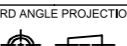
- * PLATING OPTION (SEE NOTE 2)
- * MATING OPTION

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:		DRWN: KSEE		2003/10/15		DOCUMENT NUMBER	
				APPR: SKTOH		2003/12/11		SD-87760-109		DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		87760		SEE TABLE		CUSTOMER	
						GENERAL MARKET		SHEET NUMBER		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	
		MM	INCH	DRWN: SUAIFR		2023/05/23			
4 PLACES		±	±	CHK'D: SUAIFR		2023/07/07			
3 PLACES		±	±	APPR: MRAMAKRISHNA		2023/07/10		PRODUCT CUSTOMER DRAWING	
2 PLACES		± 0.2	±	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART
1 PLACE		±	±	DRWN: KSEE		2003/10/15		REVISION	
0 PLACES		±	±	APPR: SKTOH		2003/12/11		SD-87760-109	
ANGULAR TOL		± 3.0°		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE	87760	SEE TABLE	GENERAL MARKET	SHEET NUMBER	
								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: A3-SIZE				SERIES: 87760			

9 8 7 6 5 4 3 2 1

FORMAT: Mef-Reg-Header-master-0-prod-A3
 REVISION: 0
 DATE: 2017/10/06