



- NOTES:
 1.COPLANARITY IS 0.1 mm MAX.
 2.MATERIAL : HOUSING: FOR 48226-XXX1 & 48226-XXX2
 NYLON, GLASS FILLED,UL 94V-0,
 COLOR: SEE TABLE
 FOR 48226-XXX3
 LCP, HALOGEN FREE,
 40% GLASS FILLED,UL 94V-0,
 COLOR: SEE TABLE
 TERMINAL: COPPER ALLOY
 FITTING NAIL: COPPER ALLOY
 PICK AND PLACE COVER :
 (FOR 2~4 PINS) COPPER ALLOY
 (FOR 5~20 PINS) NYLON, GLASS FILLED, UL94V-0,
 COLOR: NATURE(WHITE)
 3.FINISHES :
 TERMINAL: SEE TABLE
 FITTING NAIL: SEE TABLE
 PICK AND PLACE COVER (FOR 2~4 PINS): TIN PLATED.
 4.PRODUCT SPECIFICATION REFER TO PS-48226-001
 5.PACKAGING DRAWING REFER TO PK-48226-001
 6.TEST SUMMARY REFER TO TS-48226-001
 7.APPLICABLE PLUG HOUSING: 48228 SERIES.
 8.LEAD-FREE AND RoHS COMPLIANT PRODUCT

MOD. HSG MATERIAL	2011/08/19	2011/09/26	QUALITY SYMBOLS
EC NO: SH2012-0064	DRWN:FYANG05	CH'KD:	▽ _A =0
	APPR:RZHANG	REV	▽ _E =0
			▽ _F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES ± ---	± ---
	3 PLACES ± ---	± ---
	2 PLACES ± 0.25	± ---
	1 PLACE ± 0.25	± ---
	ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		8:1	METRIC	
DRAWN BY	DATE	TITLE		
BERNIE	2005/11/04	1.0 MM WTB VERTICAL HEADER SMT TYPE		
CHECKED BY	DATE			
ERIC KAO	2005/11/04			
APPROVED BY	DATE			
RZHANG	2010/04/14			
MATERIAL NO.	DOCUMENT NO.			
SEE TABLE	SD-48226-001			

MOLEX INCORPORATED		SHEET NO.
DOCUMENT NO.		1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

MOLEX PART NO.	HOUSING COLOR&MATERIAL	TERMINAL PLATING	FITTING NAIL PLATING	DIMA	DIMB	DIMC	DIMD	DIME	CKT	COVER MATERIAL		
48226-0201	NATURE(WHITE) NYLON	GOLD FLASH OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	GOLD FLASH OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	1.0	2.4	4.0	4.5	4.0	2	STAINLESS		
48226-0301				2.0	3.4	5.0			3			
48226-0302	BLACK NYLON			3.0	4.4	6.0			4			
48226-0401	NATURE(WHITE) NYLON			4.0	5.4	7.0			4.8		3.5	5
48226-0501				5.0	6.4	8.0	6					
48226-0601				6.0	7.4	9.0	7					
48226-0701				7.0	8.4	10.0	8					
48226-0801				8.0	9.4	11.0	9					
48226-0901				9.0	10.4	12.0	10					
48226-1001				10.0	11.4	13.0	11					
48226-1101				11.0	12.4	14.0	12					
48226-1201				12.0	13.4	15.0	13					
48226-1301				13.0	14.4	16.0	14					
48226-1401				14.0	15.4	17.0	15					
48226-1501				15.0	16.4	18.0	16					
48226-1601				16.0	17.4	19.0	17					
48226-1701				17.0	18.4	20.0	18					
48226-1801				18.0	19.4	21.0	19					
48226-1901				19.0	20.4	22.0	20					
48226-0211	NATURE(WHITE) NYLON			TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	1.0	2.4	4.0	4.5	4.0	2	STAINLESS
48226-0311	BLACK NYLON	2.0	3.4			5.0	3					
48226-0312	BLACK NYLON	3.0	4.4			6.0	4					
48226-0411	NATURE(WHITE) NYLON	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL			4.0	5.4	7.0	4.8	3.5	5	NYLON UL94 V-0
48226-0511						5.0	6.4	8.0			6	
48226-0611						6.0	7.4	9.0			7	
48226-0711						7.0	8.4	10.0			8	
48226-0811						8.0	9.4	11.0			9	

ADD P/N EC NO: SH2012-0064 DRW: NYANG05 2011/08/19 CHKD: APPR: RZHANG 2011/09/26 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY	1:1	METRIC	DRAWN BY: BERNIE DATE: 2005/11/04 CHECKED BY: ERIC KAO DATE: 2005/11/04 APPROVED BY: RZHANG DATE: 2010/04/14	TITLE: 1.0 MM WTB VERTICAL HEADER SMT TYPE MOLEX INCORPORATED
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SD-48226-001	2 OF 5	

MOLEX PART NO.	HOUSING COLOR&MATERIAL	TERMINAL PLATING	FITTING NAIL PLATING	DIMA	DIMB	DMC	DIMD	DIME	CKT	COVER MATERIAL			
48226-1011	NATURE(WHITE) NYLON	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	9.0	10.4	12.0	4.8	3.5	10	NYLON UL94 V-0			
48226-1111				10.0	11.4	13.0			11				
48226-1211				11.0	12.4	14.0			12				
48226-1311				12.0	13.4	15.0			13				
48226-1411				13.0	14.4	16.0			14				
48226-1511				14.0	15.4	17.0			15				
48226-1611				15.0	16.4	18.0			16				
48226-1711				16.0	17.4	19.0			17				
48226-1811				17.0	18.4	20.0			18				
48226-1911				18.0	19.4	21.0			19				
48226-2011	19.0	20.4	22.0	20									
48226-0221	NATURE(WHITE) NYLON	TIN PLATED (BRIGHT) OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (BRIGHT) OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	1.0	2.4	4.0	4.5	4.0	2	STAINLESS			
48226-0321	BLACK NYLON			2.0	3.4	5.0			3				
48226-0322				3.0	4.4	6.0			4				
48226-0421	NATURE(WHITE) NYLON			4.0	5.4	7.0			4.8		3.5	5	NYLON UL94 V-0
48226-0521				5.0	6.4	8.0						6	
48226-0621				6.0	7.4	9.0						7	
48226-0721				7.0	8.4	10.0						8	
48226-0821				8.0	9.4	11.0						9	
48226-0921				9.0	10.4	12.0						10	
48226-1021				10.0	11.4	13.0						11	
48226-1121		11.0	12.4	14.0	12								
48226-1221		12.0	13.4	15.0	13								
48226-1321		13.0	14.4	16.0	14								
48226-1421		14.0	15.4	17.0	15								
48226-1521		15.0	16.4	18.0	16								
48226-1621		16.0	17.4	19.0	17								
48226-1721		17.0	18.4	20.0	18								
48226-1821		18.0	19.4	21.0	19								
48226-1921		19.0	20.4	22.0	20								

ADD P/N EC NO: SH2012-0064 DRWN: FYANG05 2011/08/19 CHYD: APPR: RZHANG 2011/09/26 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY	1:1	METRIC	DRAWN BY: BERNIE DATE: 2005/11/04 CHECKED BY: ERIC KAO DATE: 2005/11/04 APPROVED BY: RZHANG DATE: 2010/04/14	TITLE: 1.0 MM WTB VERTICAL HEADER SMT TYPE MATERIAL NO. SEE TABLE DOCUMENT NO. SD-48226-001
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE			MOLEX INCORPORATED SHEET NO. 3 OF 5	
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

MOLEX PART NO.	HOUSING COLOR&MATERIAL	TERMINAL PLATING	FITTING NAIL PLATING	DIMA	DIMB	DIMC	DIMD	DIME	CKT	COVER MATERIAL			
48226-0203	BLACK LCP HALOGEN FREE	GOLD FLASH OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	GOLD FLASH OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	1.0	2.4	4.0	4.5	4.0	2	STAINLESS			
48226-0303				2.0	3.4	5.0			3				
48226-0403				3.0	4.4	6.0			4				
48226-0503				BLACK LCP HALOGEN FREE	GOLD FLASH OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	GOLD FLASH OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	4.0	5.4	7.0	4.8	3.5	5	NYLON UL94 V-0
48226-0603							5.0	6.4	8.0			6	
48226-0703							6.0	7.4	9.0			7	
48226-0803							7.0	8.4	10.0			8	
48226-0903							8.0	9.4	11.0			9	
48226-1003							9.0	10.4	12.0			10	
48226-1103							10.0	11.4	13.0			11	
48226-1203							11.0	12.4	14.0			12	
48226-1303							12.0	13.4	15.0			13	
48226-1403							13.0	14.4	16.0			14	
48226-1503							14.0	15.4	17.0	15			
48226-1603							15.0	16.4	18.0	16			
48226-1703							16.0	17.4	19.0	17			
48226-1803							17.0	18.4	20.0	18			
48226-1903							18.0	19.4	21.0	19			
48226-2003							19.0	20.4	22.0	20			
48226-0213							BLACK LCP HALOGEN FREE	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	1.0	2.4	4.0	4.5
48226-0313	2.0	3.4	5.0							3			
48226-0413	3.0	4.4	6.0							4			
48226-0513	BLACK LCP HALOGEN FREE	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL							4.0	5.4	7.0	4.8
48226-0613				5.0	6.4	8.0				6			
48226-0713				6.0	7.4	9.0				7			
48226-0813				7.0	8.4	10.0				8			
48226-0913				8.0	9.4	11.0				9			

ADD P/N IEC NO: SH2012-0064 DRW: FANG05 CHKD: APPR: RZHANG 2011/08/19 2011/09/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla_A = 0$	mm INCH	MM ONLY	1:1	METRIC	
	$\nabla_B = 0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	$\nabla_C = 0$	3 PLACES ± --- ± ---	BERNIE 2005/11/04	1.0 MM WTB VERTICAL HEADER SMT TYPE		
	2 PLACES ± 0.25 ± ---	CHECKED BY DATE	MOLEX INCORPORATED			
	1 PLACE ± 0.25 ± ---	ERIC KAO 2005/11/04	DOCUMENT NO.			
	ANGULAR ± 3 °	APPROVED BY DATE	SD-48226-001			
		RZHANG 2010/04/14	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	4 OF 5			
		SEE TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MOLEX PART NO.	HOUSING COLOR&MATERIAL	TERMINAL PLATING	FITTING NAIL PLATING	DIMA	DIMB	DIMC	DIMD	DIME	CKT	COVER MATERIAL
48226-1013	BLACK LCP HALOGEN FREE	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (MATTE) OVER ALL THICKNESS : 2.54 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	9.0	10.4	12.0	4.8	3.5	10	NYLON UL94 V-0
48226-1113				10.0	11.4	13.0			11	
48226-1213				11.0	12.4	14.0			12	
48226-1313				12.0	13.4	15.0			13	
48226-1413				13.0	14.4	16.0			14	
48226-1513				14.0	15.4	17.0			15	
48226-1613				15.0	16.4	18.0			16	
48226-1713				16.0	17.4	19.0			17	
48226-1813				17.0	18.4	20.0			18	
48226-1913				18.0	19.4	21.0			19	
48226-2013	19.0	20.4	22.0	20						
48226-0223	BLACK LCP HALOGEN FREE	TIN PLATED (BRIGHT) OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	TIN PLATED (BRIGHT) OVER ALL THICKNESS : 0.025 MICROMETER MINIMUM NICKEL UNDER PLATED OVER ALL	1.0	2.4	4.0	4.5	4.0	2	STAINLESS
48226-0323				2.0	3.4	5.0			3	
48226-0423				3.0	4.4	6.0			4	
48226-0523				4.0	5.4	7.0			5	
48226-0623				5.0	6.4	8.0	6			
48226-0723				6.0	7.4	9.0	7			
48226-0823				7.0	8.4	10.0	8			
48226-0923				8.0	9.4	11.0	9			
48226-1023				9.0	10.4	12.0	10			
48226-1123				10.0	11.4	13.0	11			
48226-1223				11.0	12.4	14.0	12			
48226-1323				12.0	13.4	15.0	13			
48226-1423				13.0	14.4	16.0	14			
48226-1523				14.0	15.4	17.0	15			
48226-1623				15.0	16.4	18.0	16			
48226-1723				16.0	17.4	19.0	17			
48226-1823				17.0	18.4	20.0	18			
48226-1923				18.0	19.4	21.0	19			
48226-2023				19.0	20.4	22.0	20			

ADD P/N EC NO: SH2012-0064 DRW: F YANG05 CHKD: APPR: RZHANG 2011/08/19 2011/09/26	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 ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY	1:1	METRIC		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: BERNIE CHECKED BY: ERIC KAO APPROVED BY: RZHANG MATERIAL NO. SEE TABLE	DATE: 2005/11/04 DATE: 2005/11/04 DATE: 2010/04/14	TITLE: 1.0 MM WTB VERTICAL HEADER SMT TYPE MOLEX INCORPORATED DOCUMENT NO. SD-48226-001		
			SIZE: A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 5 OF 5	