

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1040460417](#)  
**Status:** **Active**  
**Description:** 2.00mm (.079") Pitch Wire-to-Board Header, Surface Mount, Single Row, Right Angle, 4 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-104046-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [104046](#)  
 Application Wire-to-Board  
 Comments for LED module  
 Product Name N/A

**Physical**

Breakaway No  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Mated Height (in) 0.159 In  
 Mated Height (mm) 4.05 mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface (in) 0.079 In  
 Pitch - Mating Interface (mm) 2.00 mm  
 Polarized to Mating Part Yes  
 Temperature Range - Operating -25°C to +135°C  
 Termination Interface: Style Surface Mount

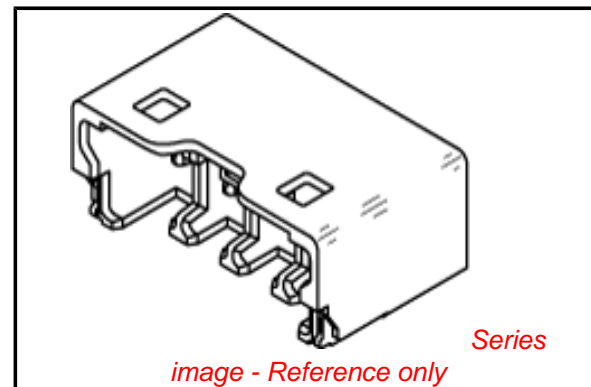
**Electrical**

Current - Maximum per Contact 1A  
 Voltage - Maximum 250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Package Specification PK-104046-001  
 Product Specification PS-104046-001  
 Sales Drawing SD-104046-001, SD-104046-002



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[104046Series](#)

**Mates With**

[104047](#) Crimp Housing . [104466](#) Crimp Terminal

This document was generated on 05/18/2010

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

10 9 8 7 6 5 4 3 2 1

F

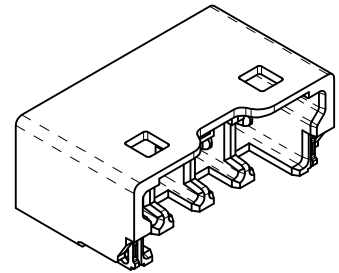
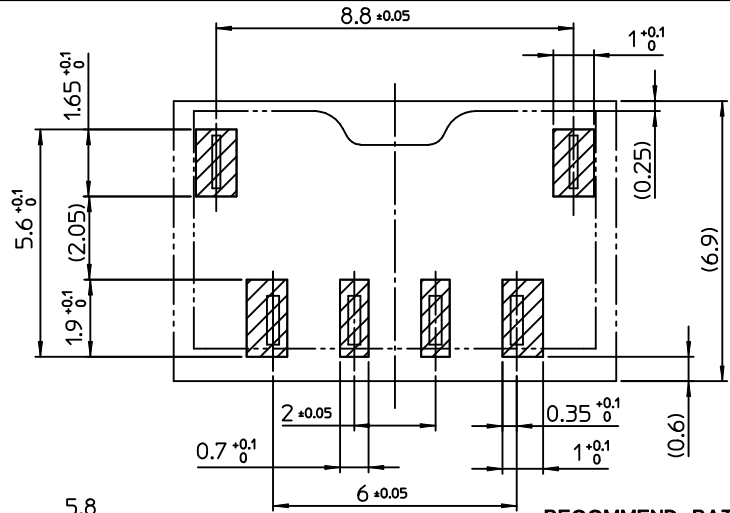
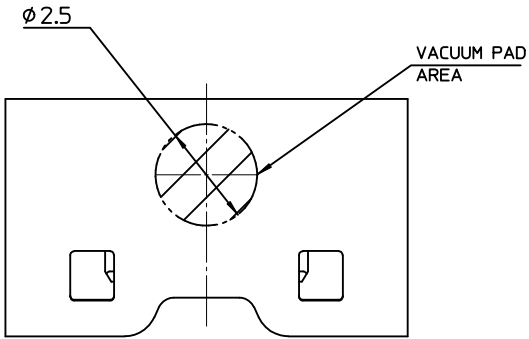
E

D

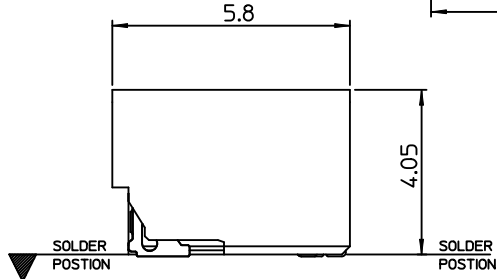
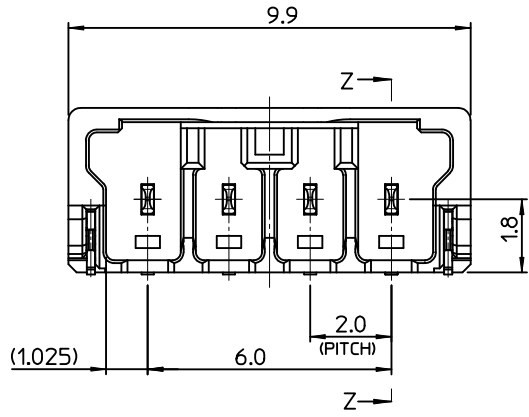
C

B

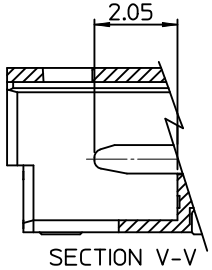
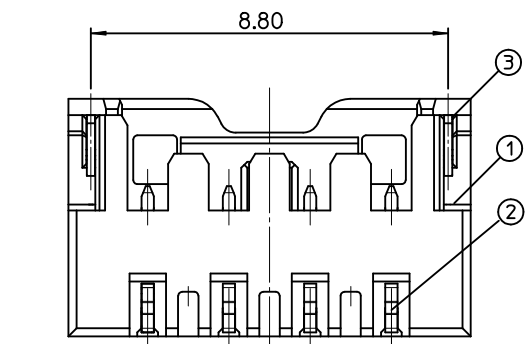
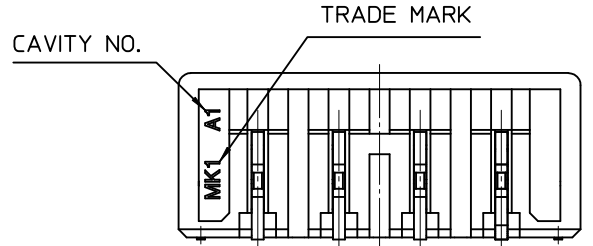
A



ISO METRIC VIEW



RECOMMEND PATTERN [REF.]



SECTION V-V

NOTES.

- MATED WITH : 104047-0490
- MATERIALS  
 HEADER : LCP, GLASS FILLED, UL94V-0  
 COLOR OF NATURAL  
 CONTACT TERMINAL : POSPHOR BRONZE  
 FITTING NAIL : PHOSPHOR BRONZE

- FINISHES  
 CONTACT TERMINAL : PURE-TIN PLATING ON OVERALL.  
 THICKNESS 3.0µm~5.0µm  
 UNDER PLATING Ni OVERALL.  
 THICKNESS 1.25µm~3.75µm  
 FITTING NAIL : PURE-TIN PLATING ON OVERALL.  
 THICKNESS 3.0µm~5.0µm  
 UNDER PLATING Ni OVERALL.  
 THICKNESS 1.25µm~3.75µm
- PRODUCT SPECIFICATION No. : PS-104046-001
- PACKAGING SPECIFICATION No. : PK-104046-001

3	FITTING NAIL	104465-8002	4
2	CONTACT TERMINAL	104464-8002	
1	HEADER	104046-0490	
NO	PART NAME	MATERIAL NO.	CKT

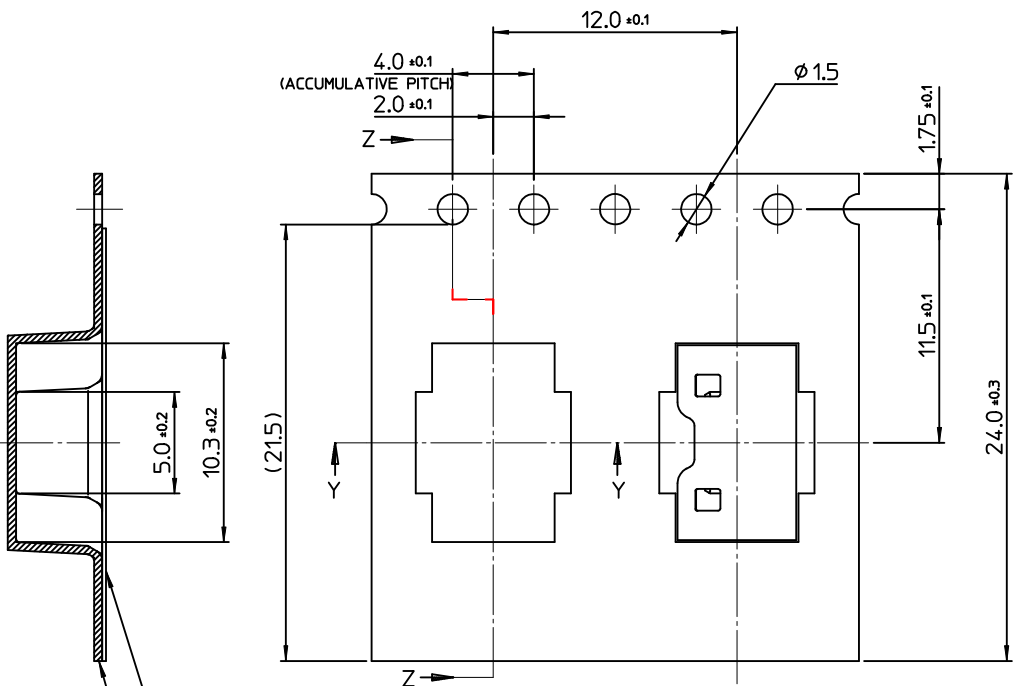
REVISED	EC NO: KOR2010-0143	2010/03/23
	DRWN: JHPARK01	2010/03/25
	CHKD: W.YANG	2010/03/25
	APPR: YUNSIKKIM	2010/03/25
REV	DESCRIPTION	

QUALITY SYMBOLS	▽=0
	▽C=0
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm
	INCH
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	4 PLACES ± --- ± ---
	3 PLACES ± --- ± ---
	2 PLACES ± 0.20 ± ---
	1 PLACE ± 0.25 ± ---
ANGULAR ± 3 °	

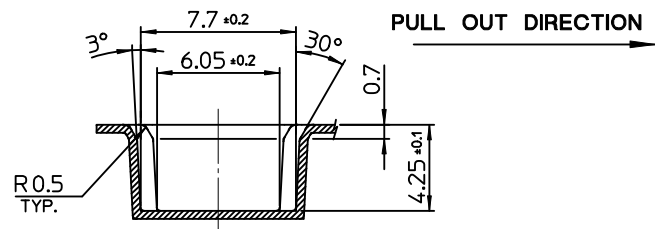
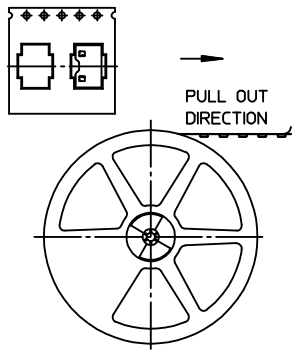
DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		8:1	METRIC	
DRAWN BY	DATE	TITLE		
SK.HAN	2009/03/11	2.0 W-T-B CONN. HEADER ASS'Y-4P		
CHECKED BY	DATE			
WY.YANG	2009/03/11			
APPROVED BY	DATE			
WY.YANG	2009/03/11			
MATERIAL NO.		DOCUMENT NO.		SHEET NO.
1040460417		SD-104046-001		1 OF 01

MOLEX INCORPORATED		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
--------------------	--	---	--

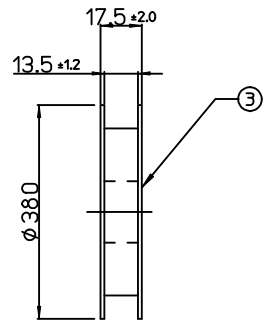
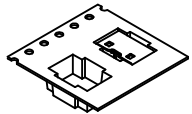
9 8 7 6 5 4 3 2 1



SECTION Z-Z



SECTION Y-Y



PLASTIC BOBBIN

NOTES

1. QUANTITY OF CONNECTORS : 1500 PCS/REEL
2. LEAD LENGTH
3. PEELING OFF FORCE OF COVER TAPE : 0.1N~0.59N(10.2GF~60GF)  
 (PEELING DIRECTION AS SHOW IN FOLLOW FIG.)  
 PEELING OFF SPEED : 300mm/Min.(Ref.)
4. FLASH IN ANY PORTION SHOULD BE LESS THAN 0.20mm MAX.
5. UNLESS OTHERWISE SPECIFIED INNER R0.2 MAX
6. DRAFT ANGLE 3°MAX

[TABLE]

1040460417	104046-0417	24.0mm	104046-9004
MATERIAL NO.	CONNECTOR	TAPE WIDTH	EMBOSS TAPE

3	PLASTIC BOBBIN	HI P.S	WHITE
2	COVER TAPE	PET ANTISTATIC	21.3m
1	CARRIER (EMBOSS) TAPE	PET ANTISTATIC	
NO.	DESCRIPTION	MATERIAL	REMARK

NEW RELEASED EC NO: KOR2010-0066 DRWN:CBCHN 2009/10/15 CHKD:WYANG 2009/10/20 APPR:YUNSIKKIM 2009/10/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.20 ± ---	1 PLACE ± 0.25 ± ---	DRAWN BY SK.HAN	DATE 2009/03/11	TITLE EMBOSSED PACKAGE 20 W-T-B CONN HEADER ASS'Y-4P			
		ANGULAR ± 3 °				CHECKED BY WY.YANG	DATE 2009/03/11				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		MOLEX INCORPORATED			
MATERIAL NO.		DOCUMENT NO.		SHEET NO.		SD-104046-002					
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренеспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)  
Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)