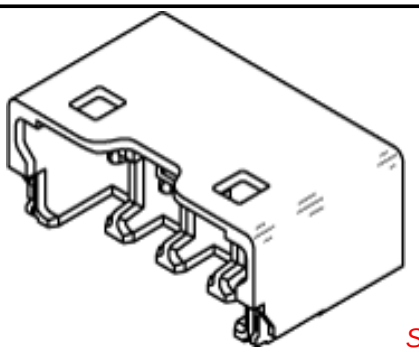
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-104046-001 (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

Packaging 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
Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

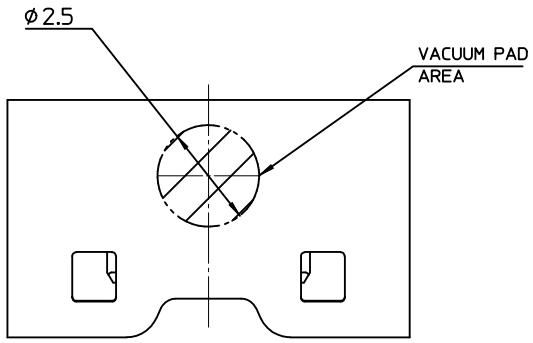
Please visit the Contact Us section for any non-product compliance questions.

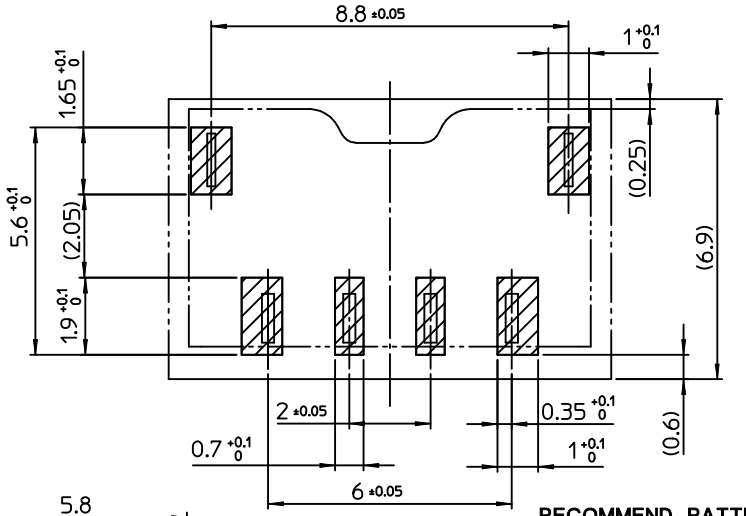
Search Parts in this Series
104046Series

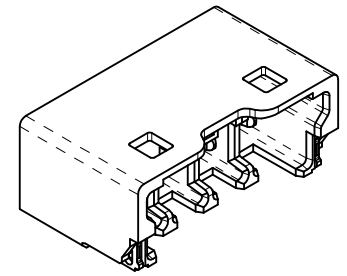
Mates With
104047 Crimp Housing . 104466 Crimp Terminal

This document was generated on 05/18/2010

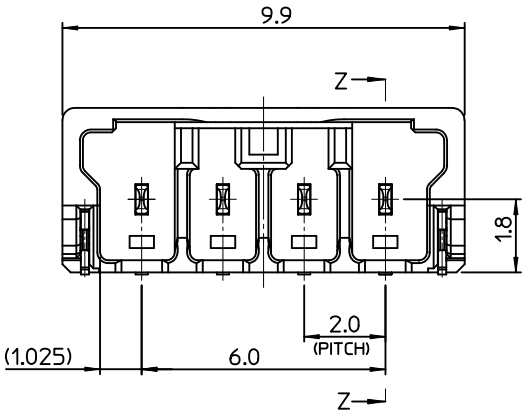
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

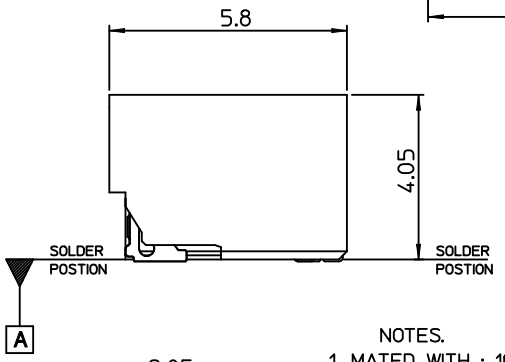




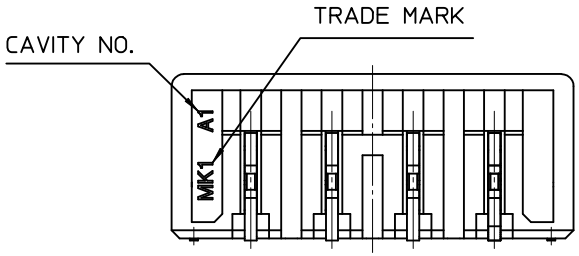


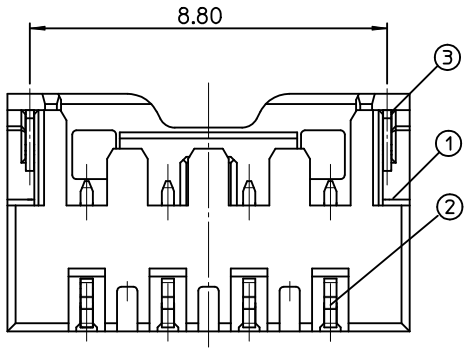
ISO METRIC VIEW

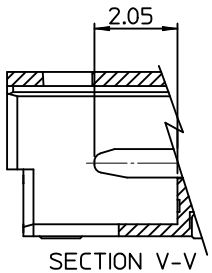




RECOMMEND PATTERN [REF.]







SECTION V-V

NOTES.
1. MATED WITH : 104047-0490
2. MATERIALS
   HEADER : LCP, GLASS FILLED, UL94V-0
   COLOR OF NATURAL
   CONTACT TERMINAL : POSPHOR BRONZE
   FITTING NAIL : PHOSPHOR BRONZE
3. FINISHES
   CONTACT TERMINAL : PURE-TIN PLATING ON OVERALL.
   THICKNESS 3.0μm~5.0μm
   UNDER PLATING Ni OVERALL.
   THICKNESS1.25μm~3.75μm
   FITTING NAIL : PURE-TIN PLATING ON OVERALL.
   THICKNESS 3.0μm~5.0μm
   UNDER PLATING Ni OVERALL.
   THICKNESS1.25μm~3.75μm
4. PRODUCT SPECIFICATION No. : PS-104046-001
5. PACKAGING SPECIFICATION No. : PK-104046-001

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

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

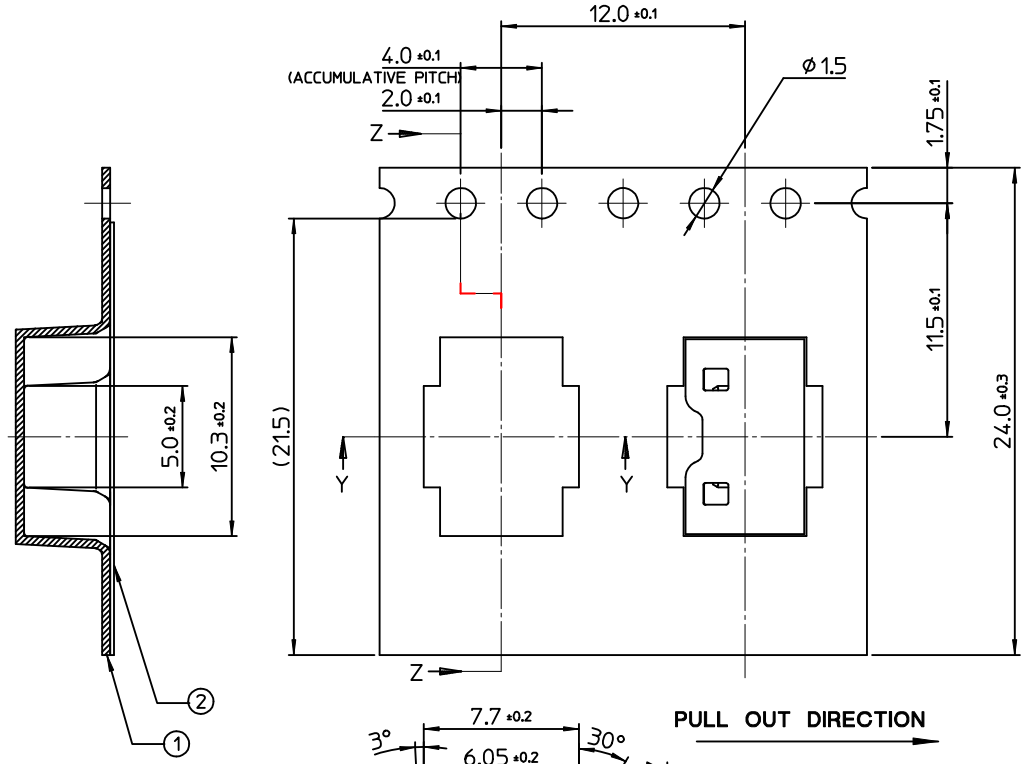
QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

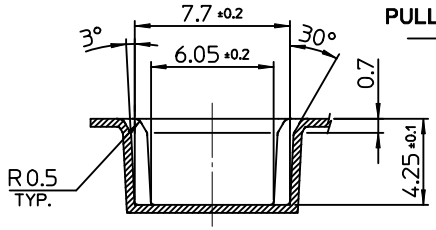
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	8:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	SK.HAN
DATE	2009/03/11
CHECKED BY	WY.YANG
DATE	2009/03/11
APPROVED BY	WY.YANG
DATE	2009/03/11
TITLE	2.0 W-T-B CONN. HEADER ASS'Y-4P
	MOLEX INCORPORATED
MATERIAL NO.	1040460417
DOCUMENT NO.	SD-104046-001
SHEET NO.	1 OF 01
SIZE	A3

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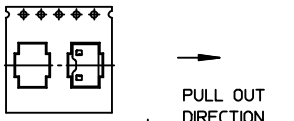


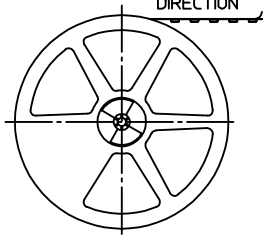
SECTION Z-Z

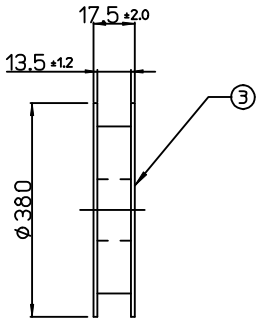


PULL OUT DIRECTION

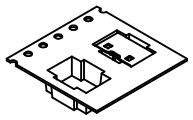
SECTION Y-Y





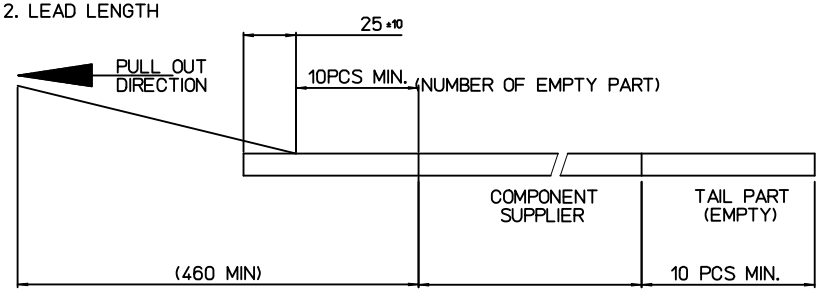


PLASTIC BOBBIN

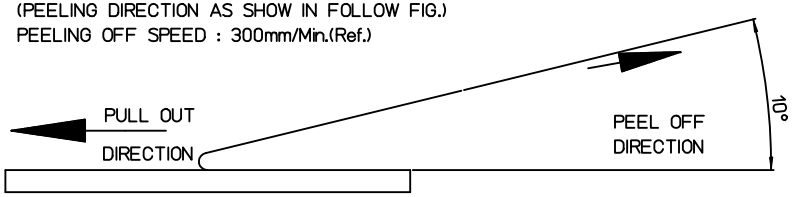


NOTES
1. QUANTITY OF CONNECTORS : 1,500 PCS/REEL

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

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

NEW RELEASED
EC NO: KOR2010-0066 2009/10/15
DRWN:CBCHIN 2009/10/20
CH'KD:WYYANG
APPR:YUNSIKKIM 2009/10/21
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: SK.HAN DATE: 2009/03/11
CHECKED BY: WY.YANG DATE: 2009/03/11
APPROVED BY: WY.YANG DATE: 2009/03/11

TITLE: EMBOSSED PACKAGE 20 W-T-B CONN HEADER ASS'Y-4P

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-104046-002
SHEET NO.: 1 OF 01
SIZE: A3

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