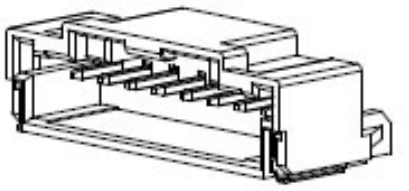
This document was generated on 04/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 5023520800

Status: Active

Description: 2.00mm (.079") Pitch DuraClik™ Wire-to-Board Header, Single Row, Right Angle, 8 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-502351-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	502352
Application	Wire-to-Board
Product Name	DuraClik™

Physical

Breakaway	No
Circuits (Loaded)	8
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height (in)	0.252 In
Mated Height (mm)	6.40 mm
Material - Metal	Copper Alloy
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
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Product Specification	PS-502351-001, RPS-502351-001
Sales Drawing	SD-502352-001, SD-502352-002

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

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

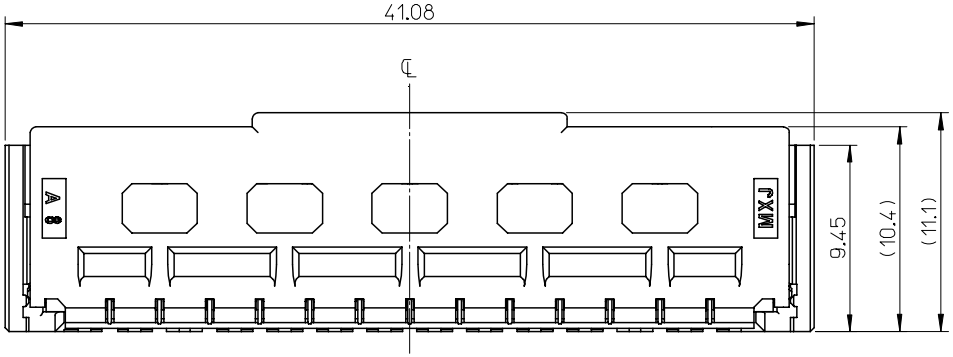
Please visit the Contact Us section for any non-product compliance questions.

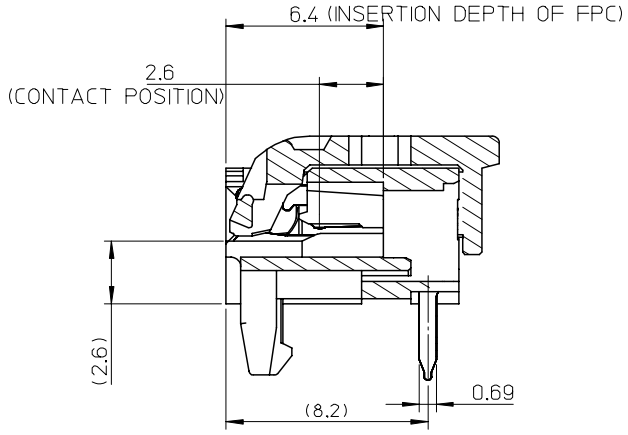
Search Parts in this Series
502352Series

Mates With
502351 Crimp Housing. 50212 , 50372 Crimp Terminal

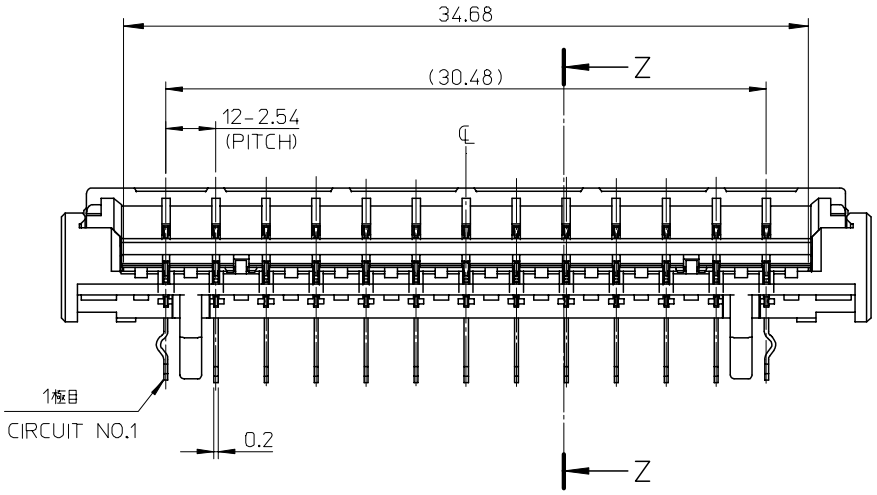
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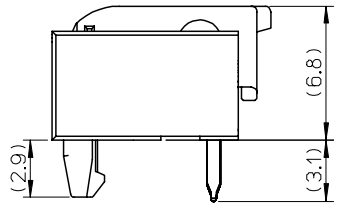
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



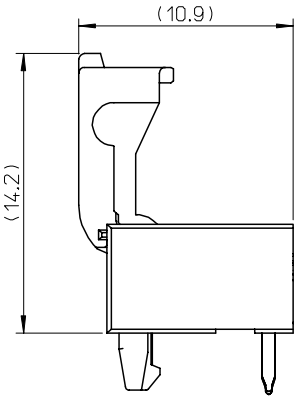


SECTION Z-Z
Scale 5:1



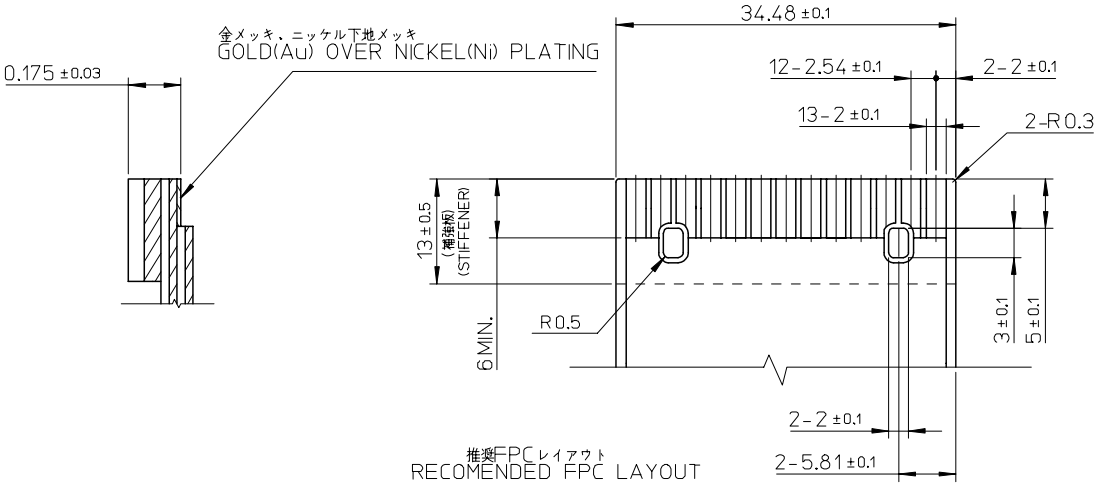


アクチュエータ閉じている状態
ACTUATOR CLOSED



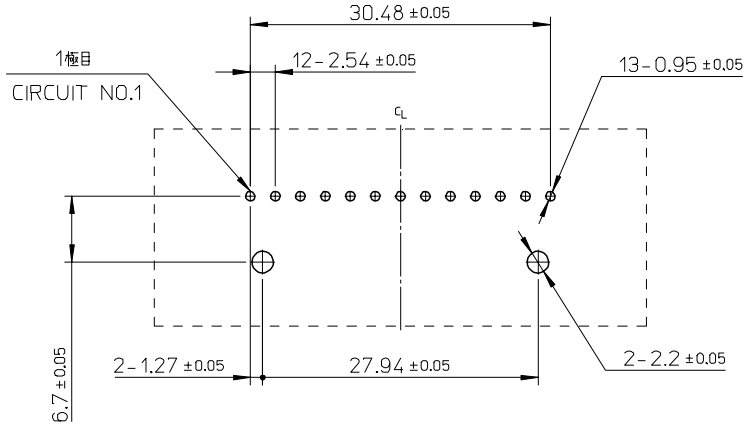
アクチュエータ開いている状態
ACTUATOR OPEN

RELEASED EC NO: J2007-3187	DRWN:KOMURAKAMI	2007/05/23	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC / THIRD ANGLE PROJECTION
	CHKD:KTAKAHASHI	2007/05/23		10 UNDER ±0.2	DRAWN BY: K.MURAKAMI DATE: 2007/05/22	TITLE: 2.54MM FPC CONN EO BACK FLIP HSG ASS'Y	
	APPR:KTAKAHASHI	2007/05/24		10 OVER 30 UNDER ±0.2	CHECKED BY: K.TAKAHASHI DATE: 2007/05/22		
				30 OVER ±0.2	APPROVED BY: H.HIRATA DATE: 2007/05/22	molex MOLEX INCORPORATED	
A			REV	ANGULAR ±1 °	MATERIAL NO.: 502378-1310	DOCUMENT NO.: SD-502378-001	SHEET NO.: 1 OF 2
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



推奨FPCレイアウト
RECOMENDED FPC LAYOUT

(仕上がり厚さ：0.175±0.03)
(THICKNESS:0.175±0.03)



推奨基板レイアウト
RECOMENDED P.C.BOARD LAYOUT

注記 NOTES

1.使用材料 MATERIAL
ハウジング：46ナイロン UL94 V-0
HOUSING:PA46 UL94 V-0
アクチュエータ：46ナイロン UL94 V-0
ACTUATOR:PA46 UL94 V-0
ターミナル：リン青銅
TERMINAL: PHOSPHOR BRONZE
2.メッキ仕様 PLATING
コンタクト部:金メッキ(0.1マイクロメート以上 封孔処理)
CONTACT AREA:GOLD PLATING
(0.1 MICROMETER MIN.FOR SEALING DEPOSITION)
半田付け部:錫メッキ
SOLDERING AREA:TIN PLATING
下地:ニッケルメッキ
UNDER PLATING:NICKEL PLATING
3.ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

FPCについて：
打抜き方向は導体側から補強板側を推奨致します。
導体部については軟鋼箔35マイクロメーターまたは50マイクロメーターを推奨致します。
ABOUT FPC
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
RECOMMENDED CONDUCTOR SPEC :
THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER OR 50 MICROMETER
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。
ベースフィルムは25マイクロメーターを推奨致します。
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT
RECOMMENDED THICKNESS :
BASE FILM : 25 MICROMETER

RELEASED
EC NO: J2007-3187
DRWN:KOMURAKAMI 2007/05/23
CHKD:KTAKAHASHI 2007/05/23
APPR:KTAKAHASHI 2007/05/24
DESCRIPTION
REV
A

GENERAL TOLERANCES
(UNLESS SPECIFIED)
10 UNDER ±0.2
10 OVER 30 UNDER ±0.2
30 OVER ±0.2
ANGULAR ±1°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	2:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	K.MURAKAMI 2007/05/22
CHECKED BY / DATE	K.TAKAHASHI 2007/05/22
APPROVED BY / DATE	H.HIRATA 2007/05/22
MATERIAL NO.	502378-1310
TITLE	2.54MM FPC CONN EO BACK FLIP HSG ASS'Y
	MOLEX INCORPORATED
DOCUMENT NO.	SD-502378-001
SHEET NO.	2 OF 2
SIZE	A3

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