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Part Number: [0533143065](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, with Eject Levers, Lead-free, 30 Circuits

Documents:
[3D Model](#) [Product Specification PS-51160-006 \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Specification PS-52478-002 \(PDF\)](#)
[Product Specification PS-51089-005 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

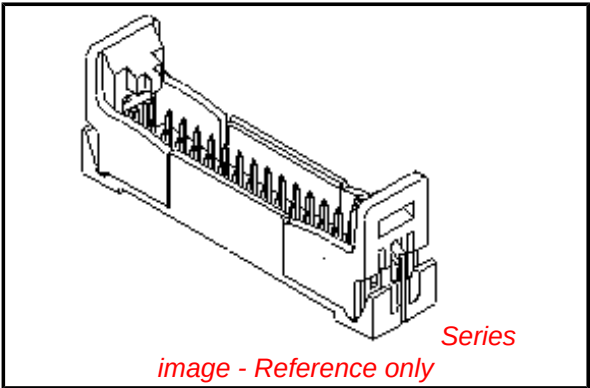
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [53314](#)
Application Wire-to-Board
Product Name Mi II™

Physical

Breakaway No
Circuits (Loaded) 30
Circuits (maximum) 30
Color - Resin Gray
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon, Polyester
Number of Rows 2
Orientation Vertical
PC Tail Length (in) 0.138 In
PC Tail Length (mm) 3.50 mm
PCB Locator Yes
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.079 In
Pitch - Mating Interface (mm) 2.00 mm
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1.00
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1.00
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Halogen-Free

**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.

China RoHS



Search Parts in this Series

[53314Series](#)

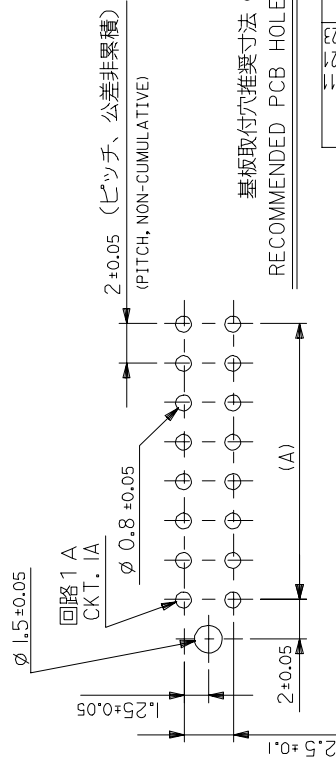
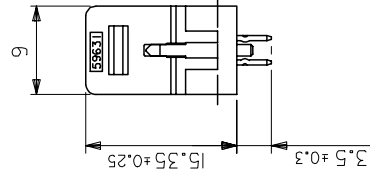
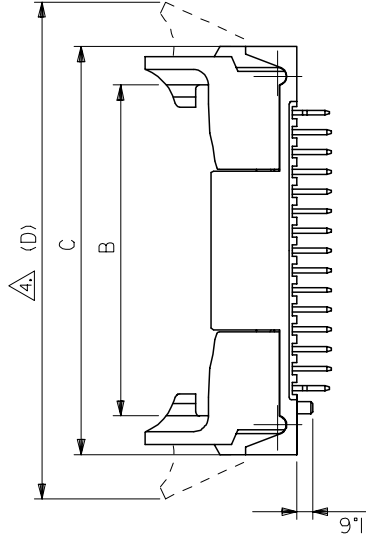
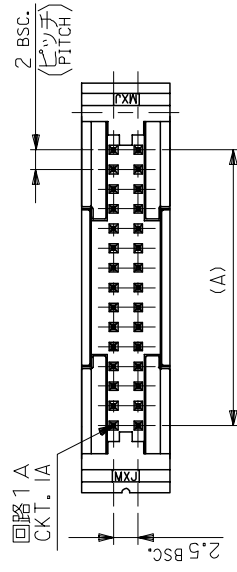
Mates With

[52478](#) Wire-to-Board IDT Receptacle. [51089](#)
Crimp Terminal

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2A
Voltage - Maximum	125V
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-51089-005, PS-51160-006, PS-52478-002, RPS-51160-004, RPS-51160-005
Sales Drawing	SD-53314-**15, SD-53314-001

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基板取付穴推奨寸法(参考)

RECOMMENDED PCB HOLE DIM.(REF.)

REVISED	DESCRIPTION
EC NO: J2007-0432	
DRWN:KSAI1001	
2006/08/11	
CHKD:THARUYAMA	
2006/08/21	
APPR:NUKITA	
2006/08/23	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

	DIMENSION STYLE	107
	MM ONLY	
	DRAWN BY	DATE
A. IDA	2003/05/07	
	CHECKED BY	DATE
J. MIYAZAWA	2003/05/07	

APPROVED BY	DATE
Y. ITO	2003/05/07
MATERIAL NO.	
SEE CHART	

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SCALE	DESIGN UNITS	VIEW	MATERIAL	NOTATION	CUTTING PLANE
2:1	METRIC			 THIRD ANGLE PROJECTION	

TITLE

2:0 W/B DUAL ROW S/T
HEADER WITH EJECT ASSY

molex MOLEX INCORPORATED	
DOCUMENT NO. SD-53314-001	SHEET NO. 1 OF 1

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ION STYLE ONLY	SCALE			DESIGN UNITS		THIRD ANGLE PROJECTION	MATERIAL NO.	CKT.
	(D)	C	B	(A)	METRIC			
80.4	71.4	63.6	58	53314-6065	60			
70.4	61.4	53.6	48	-5065	50			
60.4	51.4	43.6	38	-4065	40			
54.4	45.4	37.6	32	-3465	34			
50.4	41.4	33.6	28	53314-3065	30			

無鉛
LEAD FREE

NOTES
筆記

1. 材料：
MATERIALS:

WAFER : GLASS FILL 66 NYLON
UL94V-0 色: グレー
ウェハー: ガラス入り 66ナイロン

ピン
PIN
:黄銅、スズメッキ
:BRASS, PRE-TINNED

2. 適合メスコネクタ
MATING CONNECTORS : 51089-***5, 52478-***15,

3. 推奨基板厚:

RECOMMENDED PCB THICKNESS : t
4. イジエクターが開いてる状態。

5. ムッキ仕様
EJECTORS IN OPEN POSITION

TERMINAL PLATING

表面メッキ : スズメッキ 14μ MIN.

SURFACE PLATE : TIN 1 μ m MIN.

下地×ツッキ : ニツケル×ツッキ 0.5μm MIN.

UNDER PLATE : NICKEL 0.5 μ m MIN.