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Part Number: [0559173030](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 30 Circuits, without PCB Locator

Documents:

[3D Model](#) [Product Specification PS-51353-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [55917](#)
Application Wire-to-Board
Overview [microclasp](#)
Product Name MicroClasp™

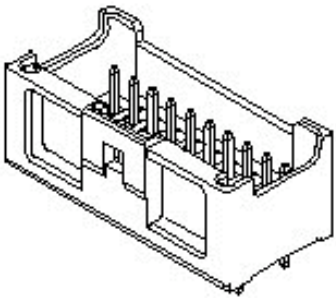
Physical

Breakaway No
Circuits (Loaded) 30
Circuits (maximum) 30
Color - Resin Natural
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 - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 2
Orientation Vertical
PC Tail Length (in) 0.126 In
PC Tail Length (mm) 3.20 mm
PCB Locator No
PCB Retention Yes
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
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
Voltage - Maximum 250V

Material Info



Series

image - Reference only

EU RoHS

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

China RoHS



Not Reviewed

**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

[55917Series](#)

Mates With

[51353](#) MicroClasp™ Wire-to-Board
Receptacle Housing

Reference - Drawing Numbers

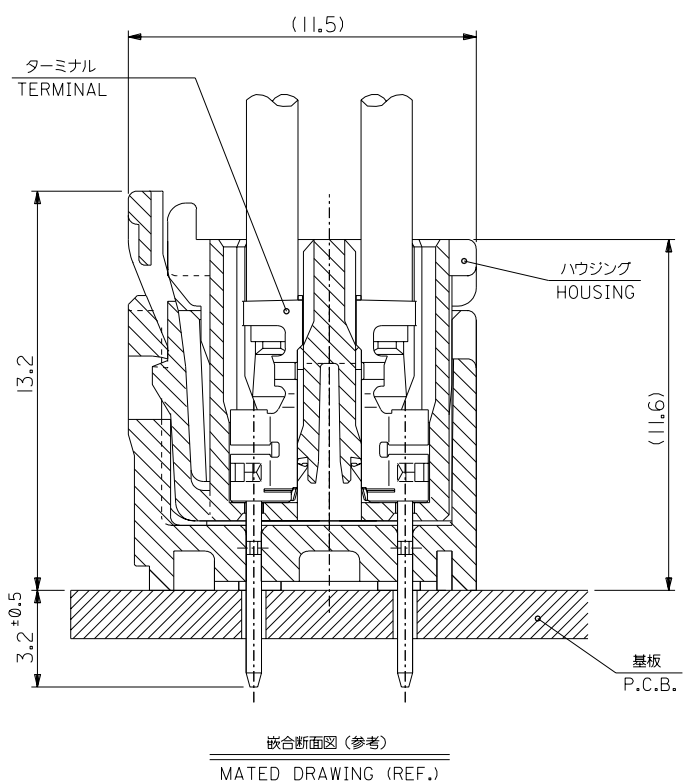
Packaging Specification
Product Specification

SPK-55917-001
PS-51353-003, RPS-501844-001, RPS-51353-008,
RPS-51353-009, RPS-51353-014, RPS-51353-016,
RPS-51353-018, RPS-51353-019, RPS-51353-020,
RPS-51353-024, RPS-51353-025, RPS-51353-026,
RPS-51353-030
SD-55917-005

Sales Drawing

This document was generated on 06/07/2010

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MATED DRAWING (REF.)

234NO. DRWN: CHK: APPR:	REVISED 233NO. J2003-3290 DRWN:N.ITO '03/06/26 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED 232NO. J2003-3134 DRWN:N.ITO '03/06/19 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED 231NO. J2002-2307 DRWN:N.ITO '02/03/18 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	RELEASED 230NO. J2002-1826 DRWN:N.ITO '02/02/28 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	DESCRIPTION	MATERIAL 材料	注記参照 SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 4:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY	SHT	REV	
						10 UNDER 未満		±0.2	DRAWN BY & DATE N.ITO '02/02/28	TITLE: 2.0mm W+-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITHOUT BOSS)			SHEET NO. 2 OF 2	SIZE B	
						10 OVER 以上		30 UNDER 未満	±0.25						CHECKED BY & DATE K.ASAKAWA '03/06/26
						30 OVER 以上			±0.3						APPROVED BY & DATE T.YAMAGUCHI '03/06/26
						WIRE RANGE 適用電線範囲	—//—	ANGLE 角度	±3°	CAD FILENAME 55917005.S02	MATERIAL NO. SEE CHART	DRAWING NO. SD-55917-005			
	C	B	A	Ø	REV	INS. RANGE 被覆外径	—//—			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					