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Part Number: [0559171230](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 12 Circuits, without PCB Locator

Documents:

3D Model	Product Specification PS-51353-010 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51353-003 (PDF)	

Agency Certification

UL	E29179
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General

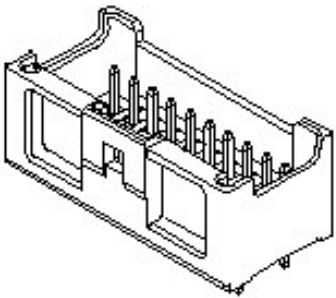
Product Family	PCB Headers
Series	55917
Application	Wire-to-Board
Overview	microclasp
Product Name	MicroClasp™

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**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

[55917Series](#)

Mates With

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

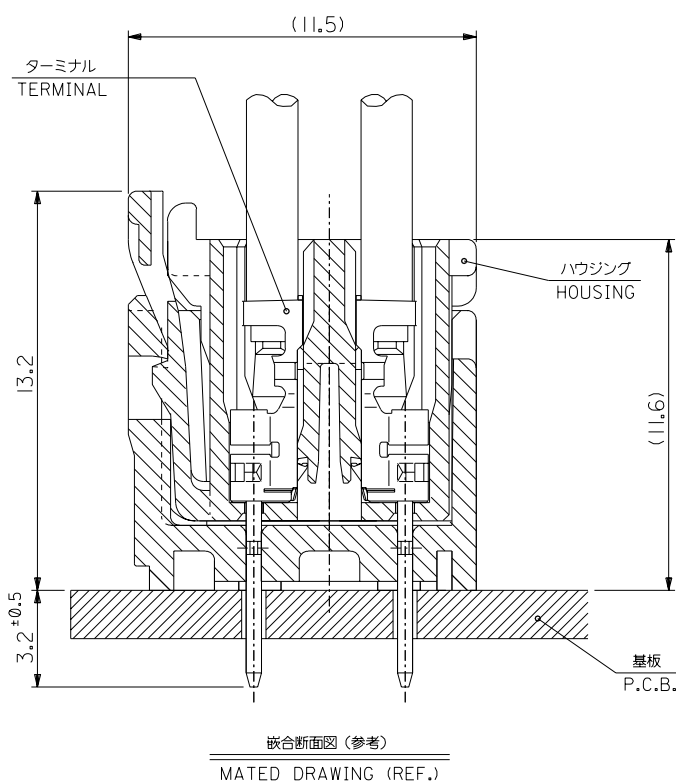
Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55917-001
Product Specification	PS-51353-003, PS-51353-010, RPS-501844-001, RPS-51353-005, RPS-51353-008, RPS-51353-009, RPS-51353-014, RPS-51353-016, RPS-51353-018, RPS-51353-019, RPS-51353-020, RPS-51353-021, RPS-51353-023, RPS-51353-024, RPS-51353-025, RPS-51353-026, RPS-51353-028, RPS-51353-030
Sales Drawing	SD-55917-005

This document was generated on 06/07/2010

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MATED DRAWING (REF.)

E64NO. DRWN: CHK: APP:		REVISED E63NO. J2003-3290 DRWN:N.ITO '03/06/26 CHK: K.ASAKAWA APPR:T.YAMAGUCHI		REVISED E62NO. J2003-3134 DRWN:N.ITO '03/06/19 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		REVISED E61NO. J2002-2307 DRWN:N.ITO '02/03/18 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		RELEASED E60NO. J2002-1826 DRWN:N.ITO '02/02/28 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		MATERIAL 材料 注記参照 SEE NOTES		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		55917-**3*		MODEL NO.		DIMENSIONS: ☐ mm INCH ☐ mm INCH ☒ mm ONLY		SHT REV			
										FINISH 仕上げ //		10 UNDER 未満 ±0.2 N.I.T.O '02/02/28		DRAWN BY & DATE K.A.SAKAWA '03/06/26		TITLE: 2.0mm W-t-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITHOUT BOSS)							
										30 OVER 以上 ±0.25 K.A.SAKAWA '03/06/26		30 UNDER 未満 ±0.25 K.A.SAKAWA '03/06/26		CHECKED BY & DATE T.YAMAGUCHI '03/06/26		APPROVED BY & DATE T.YAMAGUCHI '03/06/26		MOLEX INCORPORATED					
										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		SHEET NO. 2 OF 2			
										INS. RANGE 被覆外径 //				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE B			