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Part Number: [0559170810](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 8 Circuits, with 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)	8
Circuits (maximum)	8
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	Yes
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

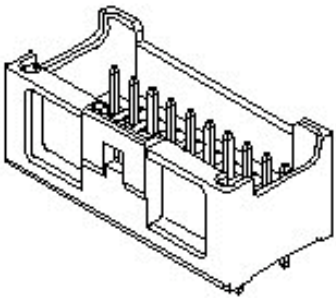


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not 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

[55917Series](#)

Mates With

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

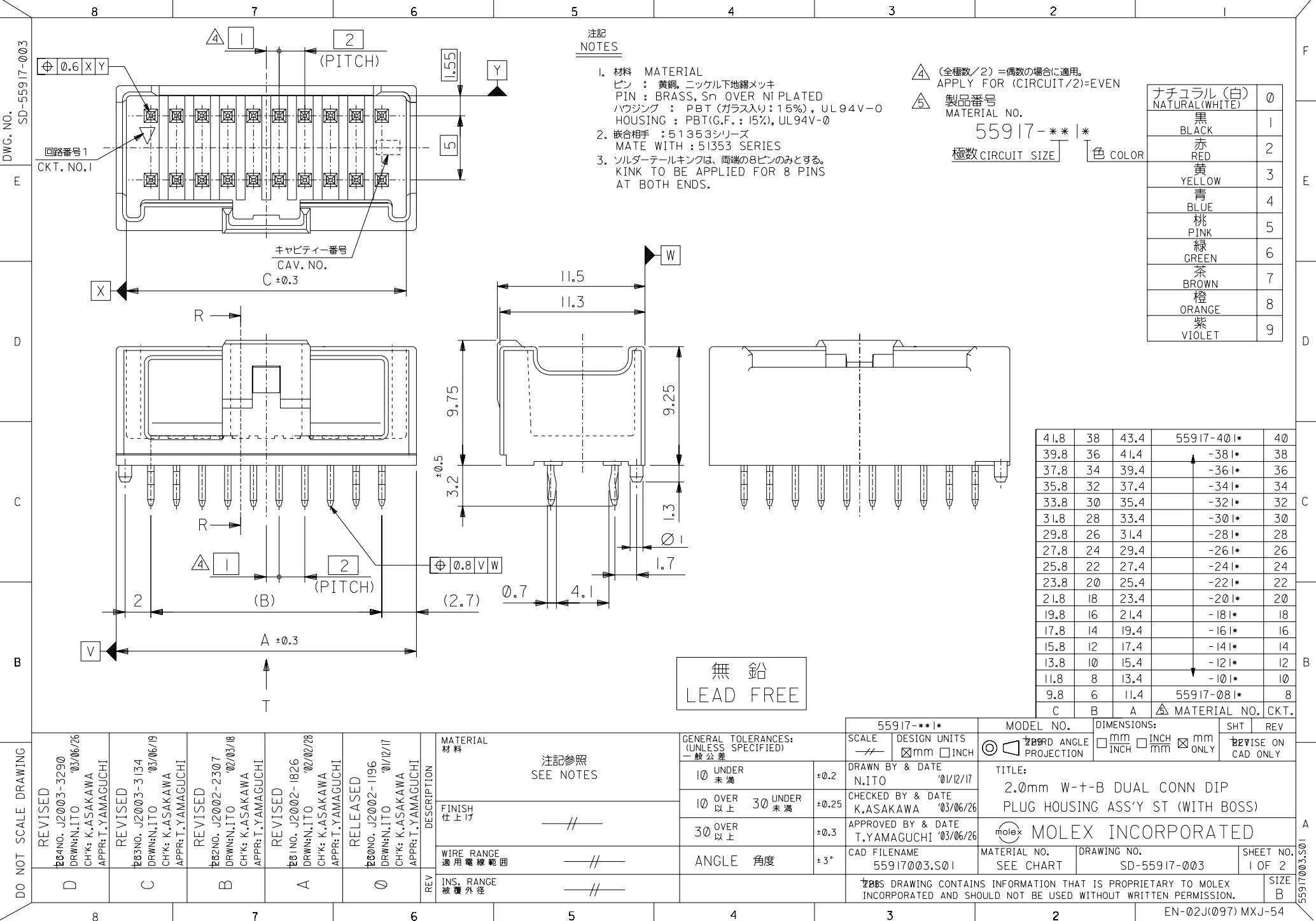
Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55917-001
Product Specification	PS-51353-003, PS-51353-010, RPS-51353-005, RPS-51353-008, RPS-51353-009, RPS-51353-010, RPS-51353-013, RPS-51353-014, RPS-51353-016, RPS-51353-019, RPS-51353-020, RPS-51353-021, RPS-51353-022, RPS-51353-023, RPS-51353-024, RPS-51353-025, RPS-51353-026, RPS-51353-028, RPS-51353-030, RPS-51353-031
Sales Drawing	SD-55917-003

This document was generated on 06/07/2010

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注記
NOTES

1. 材料 MATERIAL
ピン : 黄銅, ニッケル下地鍍メッキ
PIN : BRASS, Sn OVER Ni PLATED
ハウジング : PBT (ガラス入り: 15%), UL94V-0
HOUSING : PBT(G.F.: 15%), UL94V-0
2. 嵌合相手 : 51353シリーズ
MATE WITH : 51353 SERIES
3. ソルダータールキンフは、両端の8ピンのみとする。
KINK TO BE APPLIED FOR 8 PINS AT BOTH ENDS.

△ (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN

△ 製品番号
MATERIAL NO.
55917-***|*
極数CIRCUIT SIZE | 色 COLOR

ナチュラル(白) NATURAL(WHITE)	0
黒 BLACK	1
赤 RED	2
黄 YELLOW	3
青 BLUE	4
桃 PINK	5
緑 GREEN	6
茶 BROWN	7
橙 ORANGE	8
紫 VIOLET	9

41.8	38	43.4	55917-401*	40
39.8	36	41.4	-381*	38
37.8	34	39.4	-361*	36
35.8	32	37.4	-341*	34
33.8	30	35.4	-321*	32
31.8	28	33.4	-301*	30
29.8	26	31.4	-281*	28
27.8	24	29.4	-261*	26
25.8	22	27.4	-241*	24
23.8	20	25.4	-221*	22
21.8	18	23.4	-201*	20
19.8	16	21.4	-181*	18
17.8	14	19.4	-161*	16
15.8	12	17.4	-141*	14
13.8	10	15.4	-121*	12
11.8	8	13.4	-101*	10
9.8	6	11.4	55917-081*	8
C	B	A	△ MATERIAL NO.	CKT.

無鉛
LEAD FREE

DO NOT SCALE DRAWING

REVISED	REVISED	REVISED	REVISED	RELEASED
184NO. J2003-3290 DRWN:N.ITO '03/06/26 CHK: K.KASAKAWA APPR: T.YAMAGUCHI	183NO. J2003-3134 DRWN:N.ITO '03/06/19 CHK: K.KASAKAWA APPR: T.YAMAGUCHI	182NO. J2002-2307 DRWN:N.ITO '02/03/18 CHK: K.KASAKAWA APPR: T.YAMAGUCHI	181NO. J2002-1826 DRWN:N.ITO '02/02/28 CHK: K.KASAKAWA APPR: T.YAMAGUCHI	180NO. J2002-1196 DRWN:N.ITO '01/12/17 CHK: K.KASAKAWA APPR: T.YAMAGUCHI
D	C	B	A	0

MATERIAL 材料	注記参照 SEE NOTES
FINISH 仕上り	//
WIRE RANGE 適用電線範囲	//
INS. RANGE 被覆外径	//

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	10 UNDER 未満	±0.2
	10 OVER 30 UNDER 以上 未満	±0.25
	30 OVER 以上	±0.3
ANGLE 角度		±3°

55917-*** *	MODEL NO.	DIMENSIONS:		SHT	REV
SCALE //	DESIGN UNITS mm INCH	mm INCH	mm ONLY		
DRAWN BY & DATE N.ITO '01/12/17	CHECKED BY & DATE K.KASAKAWA '03/06/26	TITLE: 2.0mm W-t-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITH BOSS)			
APPROVED BY & DATE T.YAMAGUCHI '03/06/26	CAD FILENAME 55917003.S01	MOLEX INCORPORATED			
MATERIAL NO. SEE CHART		DRAWING NO. SD-55917-003	SHEET NO. 1 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					
					SIZE B

D	REVISED	184NO. J2003-3290 DRWN:N.ITO '03/06/26 CHK: K.ASAKAWA APPR: T.YAMAGUCHI
	REVISED	183NO. J2003-3134 DRWN:N.ITO '03/06/19 CHK: K.ASAKAWA APPR: T.YAMAGUCHI
C	REVISED	182NO. J2002-2307 DRWN:N.ITO '02/03/18 CHK: K.ASAKAWA APPR: T.YAMAGUCHI
B	REVISED	181NO. J2002-1826 DRWN:N.ITO '02/02/28 CHK: K.ASAKAWA APPR: T.YAMAGUCHI
A	RELEASED	180NO. J2002-1196 DRWN:N.ITO '01/12/17 CHK: K.ASAKAWA APPR: T.YAMAGUCHI
0	REV	

DESCRIPTION	MATERIAL 材料	注記参照 SEE NOTES
	FINISH 仕上げ	—//—
REV	WIRE RANGE 適用電線範囲	—//—
	INS. RANGE 被覆外径	—//—

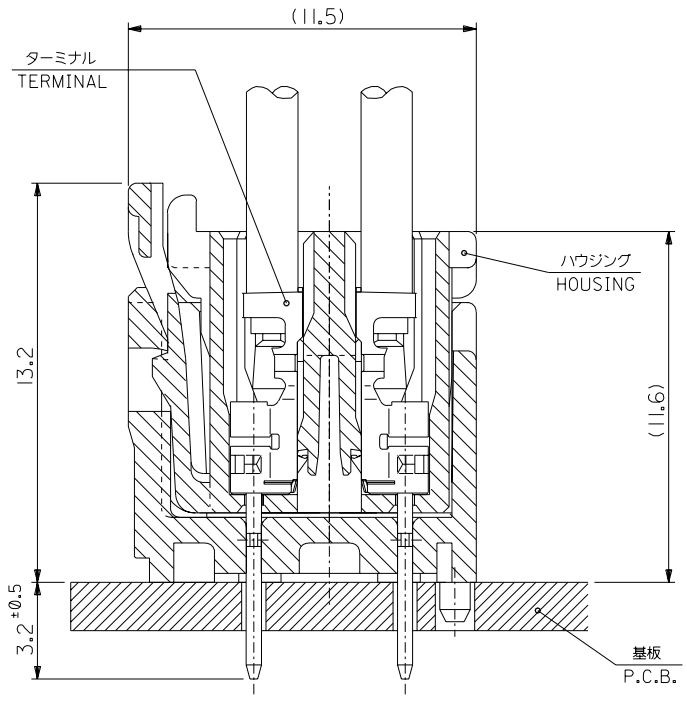
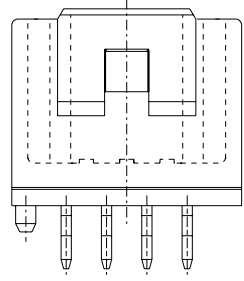
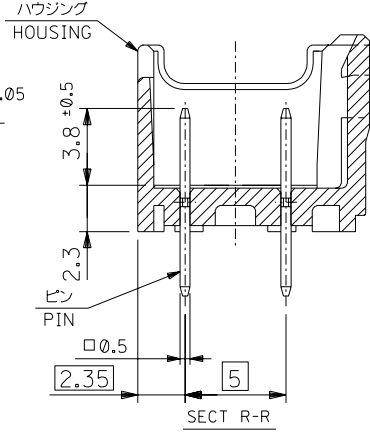
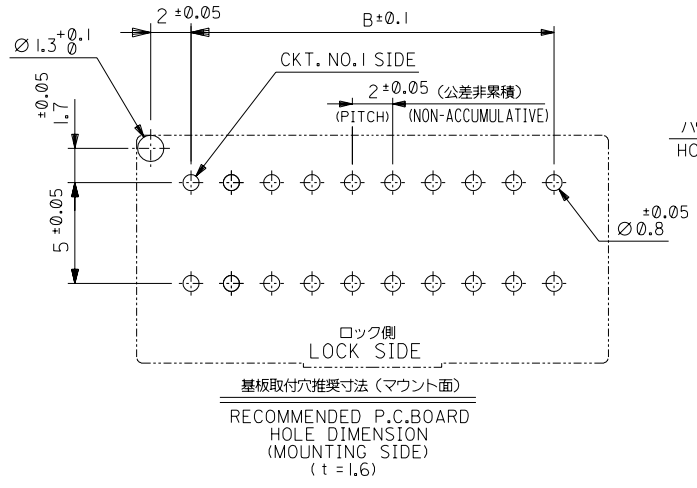
無鉛
LEAD FREE

注記参照
SEE NOTES

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55917-**-*		MODEL NO.		DIMENSIONS:		SHT	REV
SCALE 4:1	DESIGN UNITS ☒ mm ☐ INCH	☒  1ST ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	22	2
DRAWN BY & DATE N.ITO '01/12/17		TITLE: 2.0mm W-+-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITH BOSS)					
CHECKED BY & DATE K.ASAKAWA '03/06/26		MOLEX INCORPORATED					
APPROVED BY & DATE T.YAMAGUCHI '03/06/26		MOLEX INCORPORATED					
CAD FILENAME 55917003.S02		MATERIAL NO. SEE CHART	DRAWING NO. SD-55917-003			SHEET NO. 2 OF 2	
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