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Part Number:

0559170830

Status:

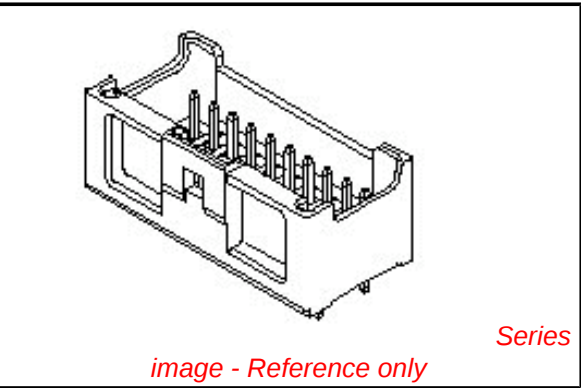
Active

Overview:

microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 8 Circuits, without PCB Locator



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51353-003 \(PDF\)](#)

[Product Specification PS-51353-010 \(PDF\)](#)

[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)	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	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

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

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

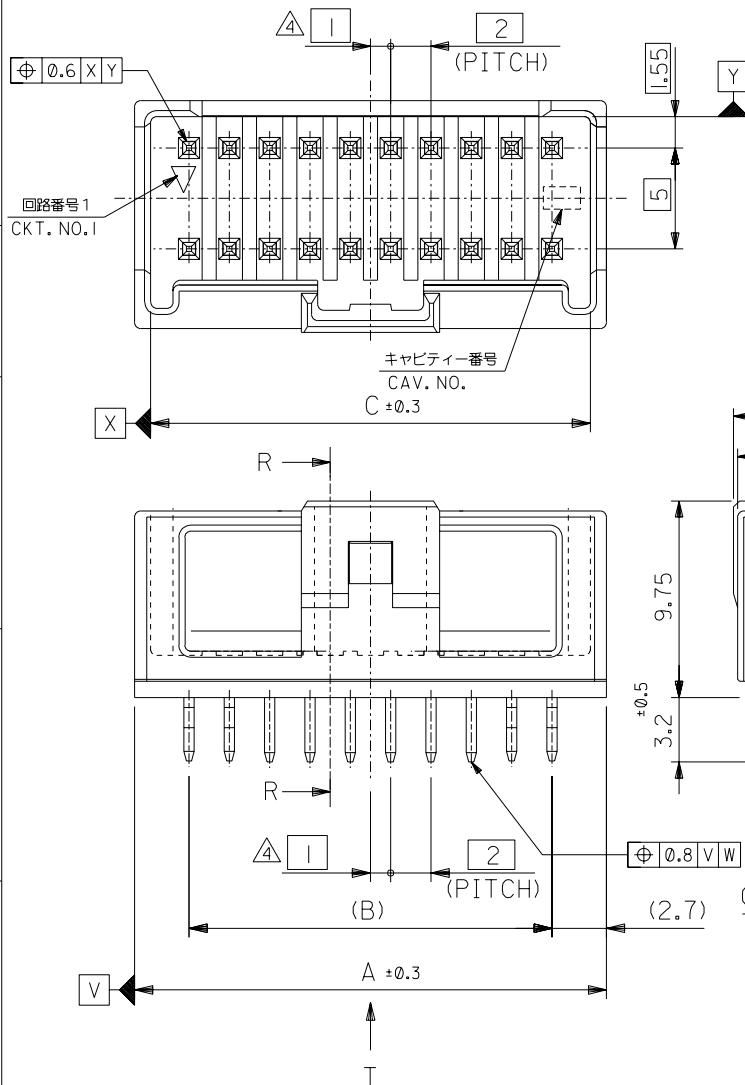
Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55917-001
Product Specification	PS-51353-003, PS-51353-010, RPS-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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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は、両端の8ピンのみとする。
KINK TO BE APPLIED FOR 8 PINS
AT BOTH ENDS.

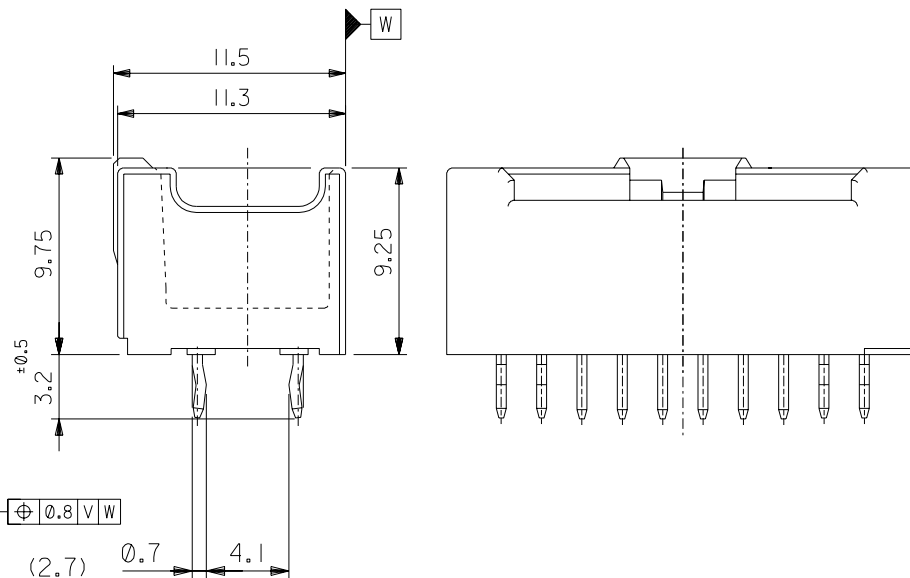
△4 (全極数/2)=偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN

△5 製品番号
MATERIAL NO.

55917-**3*

極數 CIRCUIT SIZE	色 COLOR
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
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95	95
96	96
97	97
98	98
99	99
100	100

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



無鉛
LEAD FREE

41.8	38	43.4	55917-403*	40
39.8	36	41.4	↑ -383*	38
37.8	34	39.4	-363*	36
35.8	32	37.4	-343*	34
33.8	30	35.4	-323*	32
31.8	28	33.4	-303*	30
29.8	26	31.4	-283*	28
27.8	24	29.4	-263*	26
25.8	22	27.4	-243*	24
23.8	20	25.4	-223*	22
21.8	18	23.4	-203*	20
19.8	16	21.4	-183*	18
17.8	14	19.4	-163*	16
15.8	12	17.4	-143*	14
13.8	10	15.4	-123*	12
11.8	8	13.4	↓ -103*	10
9.8	6	11.4	55917-083*	8
C	B	A	△ MATERIAL NO.	CKT.

	234NO. DRWN: CHK: APPR:
C	REVISED 233NO. J2003-3290 DRWN:N.ITO '03/06/26 CHK: K.ASAKAWA APPR:T.YAMAGUCHI
B	REVISED 232NO. J2003-3134 DRWN:N.ITO '03/06/19 CHK: K.ASAKAWA APPR:T.YAMAGUCHI
A	REVISED 231NO. J2002-2307 DRWN:N.ITO '02/03/18 CHK: K.ASAKAWA APPR:T.YAMAGUCHI
0	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
	FINISH 仕上げ	—— //
REV	WIRE RANGE 適用電線範囲	—— //
	INS. RANGE 被覆外径	—— //

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

55917-***3*		MODEL NO.		DIMENSIONS:		SHT	REV
SCALE --	DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY
DRAWN BY & DATE N.I.TO '02/02/28		TITLE: 2.0mm W+-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITHOUT BOSS)					
CHECKED BY & DATE K.ASAKAWA '03/06/26							
APPROVED BY & DATE T.YAMAGUCHI '03/06/26		MOLEX INCORPORATED					
CAD FILENAME 55917005.S01		MATERIAL NO. SEE CHART		DRAWING NO. SD-55917-005		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

DWG. NO.
SD-55917-005

F

D

V

C

B

DO NOT SCALE DRAWING

8

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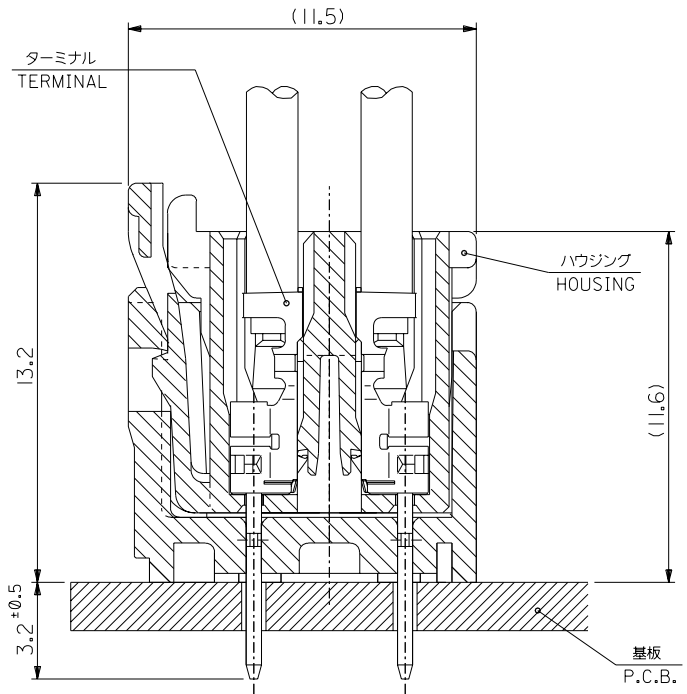
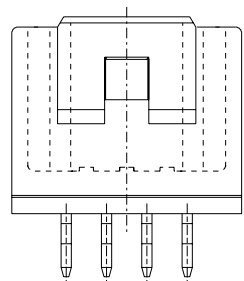
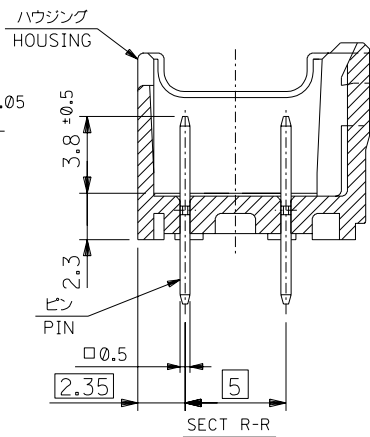
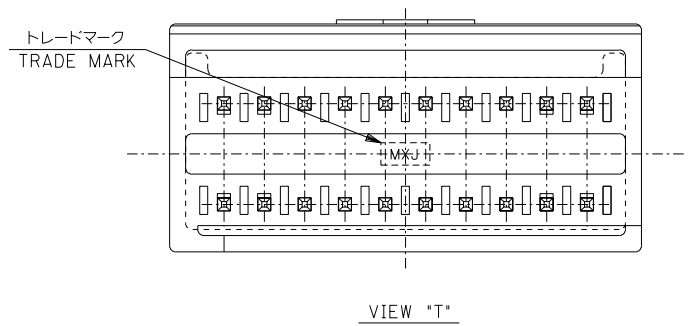
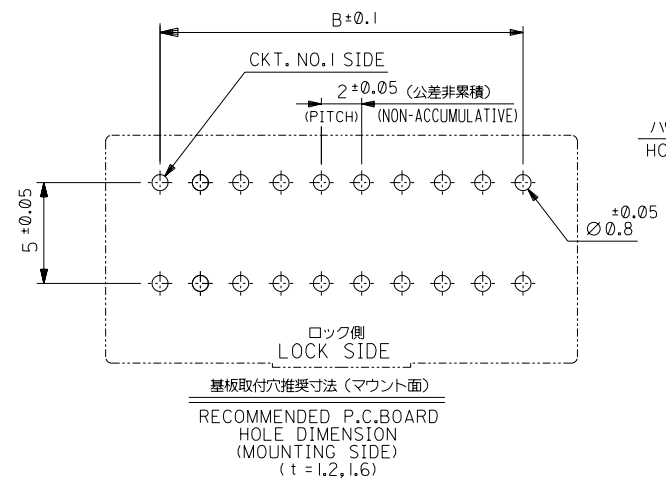
E

D

C

B

A



嵌合断面図 (参考)
MATED DRAWING (REF.)

無鉛
LEAD FREE

REV		DESCRIPTION	MATERIAL 材料	FINISH 仕上げ	WIRE RANGE 適用電線範囲	INS. RANGE 被覆外径	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	55917-***3*	MODEL NO.	DIMENSIONS:	SHT	REV
								SCALE 4:1	DESIGN UNITS ☒ mm ☐ INCH	☐ mm ☐ INCH ☒ mm ONLY		
								DRAWN BY & DATE N.I.TO '02/02/28	TITLE: 2.0mm W-t-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITHOUT BOSS)			
								CHECKED BY & DATE K.ASAKAWA '03/06/26				
								APPROVED BY & DATE T.YAMAGUCHI '03/06/26	MOLEX INCORPORATED			
								CAD FILENAME 55917005.S02				
									MATERIAL NO. SEE CHART	DRAWING NO. SD-55917-005	SHEET NO. 2 OF 2	
								* THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B

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EN-02J(097) MXJ-54

55917005.S02