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Part Number:

0559592630

Status:

Active

Overview:

microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Right Angle, 26 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51353-003 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

55959

Wire-to-Board

microclasp

MicroClasp™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

26

26

Natural

30

No

No

No

None

Yes

Tin

Tin

Polyester

2

Right Angle

0.126 In

3.20 mm

No

Yes

0.045 In

1.60 mm

Tray

0.079 In

2.00 mm

Fully

No

No

-25°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

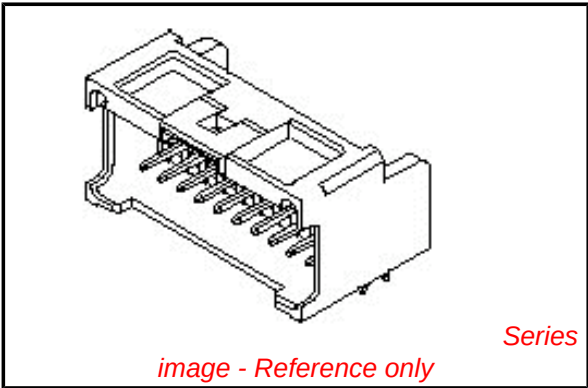
250V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-55959-001



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

55959Series

Mates With

51353 MicroClasp™ Wire-to-Board Receptacle Housing

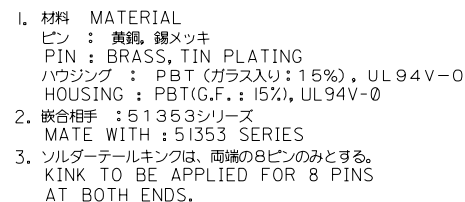
Product Specification

PS-51353-003, RPS-51353-008, RPS-51353-009,
RPS-51353-010, RPS-51353-014, RPS-51353-017,
RPS-51353-019, RPS-51353-020, RPS-51353-022,
RPS-51353-024, RPS-51353-025, RPS-51353-026
SD-55959-001, SD-55959-003

Sales Drawing

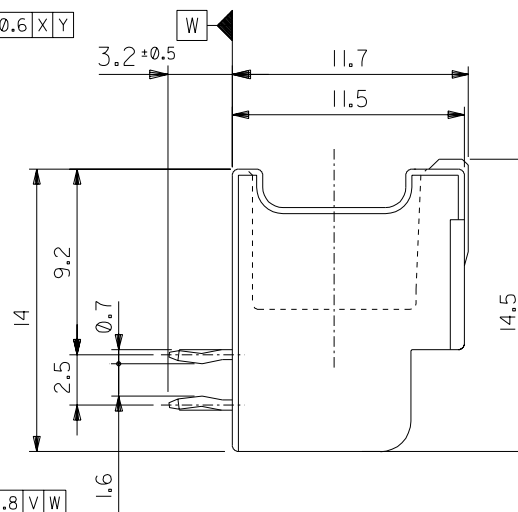
This document was generated on 05/25/2010

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極數 CIRCUIT SIZE	色 COLOR
1	白 WHITE
2	白 WHITE
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4	白 WHITE
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98	白 WHITE
99	白 WHITE
100	白 WHITE

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

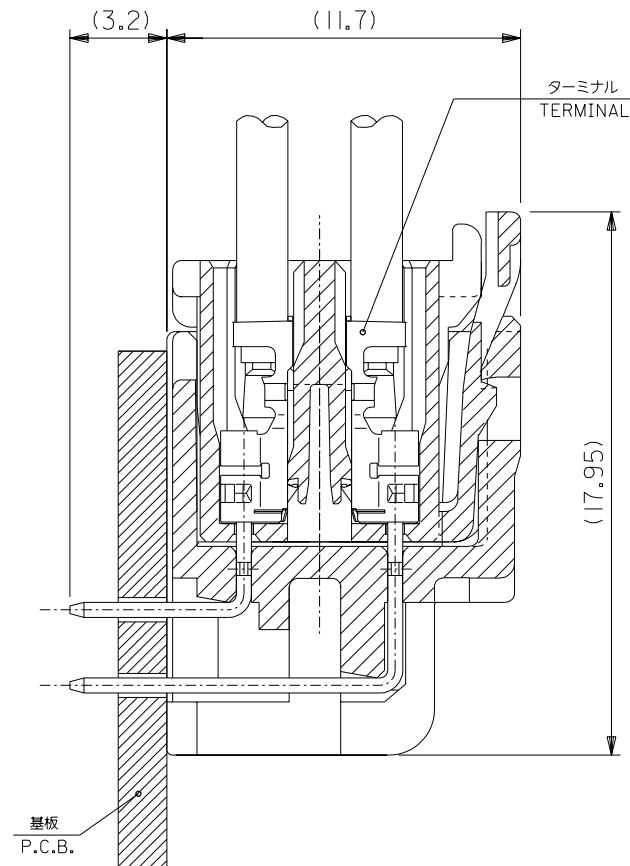


41.8	38	43.4	55959-403*	40
39.8	36	41.4	-383*	38
37.8	34	39.4	-363*	36
35.8	32	37.4	-343*	34
33.8	30	35.4	-323*	32
31.8	28	33.4	-303*	30
29.8	26	31.4	-283*	28
27.8	24	29.4	-263*	26
25.8	22	27.4	-243*	24
23.8	20	25.4	-223*	22
21.8	18	23.4	-203*	20
19.8	16	21.4	-183*	18
17.8	14	19.4	-163*	16
15.8	12	17.4	-143*	14
13.8	10	15.4	-123*	12
11.8	8	13.4	-103*	10
9.8	6	11.4	55959-083*	8
C	B	A	△ MATERIAL NO.	CKT.

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED EC NO. J2004-3728 DRWN:Y.WADA '04/04/09 CHK: M.SASAO APPR:M.SASAO	REVISED EC NO. J2003-3290 DRWN:N.ITO '03/06/26 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 ---	DESIGN UNITS ☒ mm ☐ INCH	MODEL NO. THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm INCH ☒ mm ONLY	REVISE ON CAD ONLY
					FINISH 仕上り //		10 UNDER 未満	±0.2	DRAWN BY & DATE N.ITO '02/02/24	TITLE: 2.0mm W-t-B DUAL CONN DIP PLUG HOUSING ASS'Y R/A (WITHOUT BOSS) -LEAD FREE-		
							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 55959003.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-55959-003	SHEET NO. 1 OF 3
			F	E	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.			SIZE B

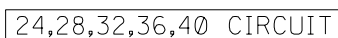
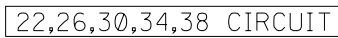
55959903	0.	III
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嵌合断面図（参考）

EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			REVISED EC NO. J2004-3728 DRWN: Y. WADA '04/04/03 CHK: M. SASAO APPR: M. SASAO			REVISED EC NO. J2003-3290 DRWN: N. ITO '03/06/26 CHK: K. ASAKAWA APPR: T. YAMAGUCHI			MATERIAL 材料			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			55959-**3*		MODEL NO.		DIMENSIONS:		SHT		REV					
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																		30 OVER 以上		±0.3		APPROVED BY & DATE T. YAMAGUCHI '03/06/26		MOLEX INCORPORATED										
															WIRE RANGE 適用電線範圍		—//—		ANGLE 角度		±3°		CAD FILENAME 55959003.S02									MATERIAL NO. SEE CHART		DRAWING NO. SD-55959-003
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EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED EC NO. J2004-3728 DRWN: Y. WADA '04/04/09 CHK: M. SASAO APPR: M. SASAO	REVISED EC NO. J2003-3290 DRWN: N. ITO '03/06/26 CHK: K. ASAKAWA APPR: T. YAMAGUCHI	DESCRIPTION	MATERIAL 材料 注記参照 SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	55959-***3*	MODEL NO.	DIMENSIONS:	SHT	REV
								SCALE --	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm INCH ☒ mm ONLY	REVISE ON CAD ONLY
							10 UNDER 未満	±0.2	DRAWN BY & DATE N. ITO '02/02/24	TITLE: 2.0mm W-t-B DUAL CONN DIP PLUG HOUSING ASS'Y R/A (WITHOUT BOSS) -LEAD FREE-		
							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		CAD FILENAME 55959003.S03	MATERIAL NO. SEE CHART	DRAWING NO. SD-55959-003	SHEET NO. 3 OF 3
							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