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Part Number: [0513533600](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, 36 circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

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

Agency Certification

UL E29179

General

Product Family Crimp Housings
Series [51353](#)
Overview [microclasp](#)
Product Name MicroClasp™

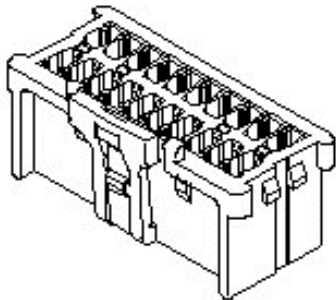
Physical

Circuits (maximum) 36
Color - Resin White
Flammability 94V-0
Gender Female
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Resin Nylon
Number of Rows 2
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface (in) 0.079 In
Pitch - Mating Interface (mm) 2.00 mm
Stackable No
Temperature Range - Operating -25°C to +85°C

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-51353-001
Product Specification PS-51353-003, RPS-501844-001, RPS-51353-008, RPS-51353-009, RPS-51353-010, RPS-51353-013, RPS-51353-014, RPS-51353-016, RPS-51353-017, RPS-51353-018, RPS-51353-019, RPS-51353-020, RPS-51353-022, RPS-51353-024, RPS-51353-025, RPS-51353-026, RPS-51353-030
Sales Drawing SD-51353-002



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

[51353Series](#)

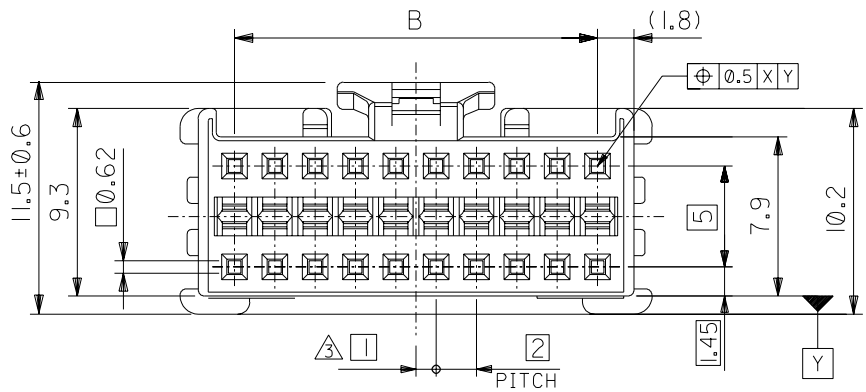
Mates With

[55917](#) Vertical Header with Kinked PC Tails, [55959](#) Right Angle Header, [501844](#) Vertical Header

Use With

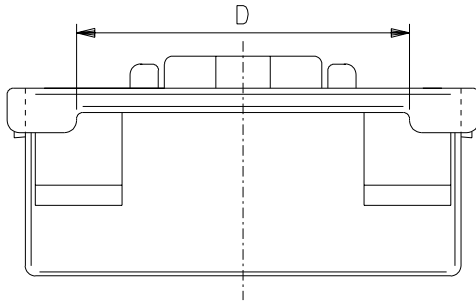
[56134](#) Terminal

1



(1.8)

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



7.8	36.5	41.6	38	43.4	51353-400*	40
▲	34.5	39.6	36	41.4	-380*	38
	32.5	37.6	34	39.4	-360*	36
	30.5	35.6	32	37.4	-340*	34
	28.5	33.6	30	35.4	-320*	32
	26.5	31.6	28	33.4	-300*	30
	24.5	29.6	26	31.4	-280*	28
	22.5	27.6	24	29.4	-260*	26
	20.5	25.6	22	27.4	-240*	24
	18.5	23.6	20	25.4	-220*	22
	16.5	21.6	18	23.4	-200*	20
	14.5	19.6	16	21.4	-180*	18
▼	12.5	17.6	14	19.4	-160*	16
	10.5	15.6	12	17.4	-140*	14
7.8	8.5	13.6	10	15.4	-120*	12
4.7	6.5	11.6	8	13.4	-100*	10
4.7	4.5	9.6	6	11.4	51353-080*	8
E	D	C	B	A	△ MATERIAL NO.	CKT.

EC NO. DRWN: CHK: APPR:	REVISED EC NO. J2003-0719 DRWN:N.ITO '02/10/22 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED EC NO. J2003-0066 DRWN:N.ITO '02/07/08 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED EC NO. J2002-2307 DRWN:N.ITO '02/03/18 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	RELEASED EC NO. J2002-1196 DRWN:N.ITO '01/12/17 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	DESCRIPTION	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION 	☐ mm INCH ☐ mm INCH ☒ mm ONLY	REVISE ON CAD ONLY	
						66NYLON, UL94V-0				DRAWN BY & DATE N.ITO '01/12/17		TITLE: 2.0mm W-t-B DUAL CONN DIP RCPT HOUSING		
						FINISH 仕上付	—//—		10 UNDER 未満 ±0.2		CHECKED BY & DATE K.ASAKAWA '02/10/22			
						30 OVER 以上 ±0.25		APPROVED BY & DATE T.YAMAGUCHI '02/10/22		MOLEX INCORPORATED				
						WIRE RANGE 適用電線範囲	—//—		ANGLE 角度	±3°	CAD FILENAME 51353002.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-51353-002	SHEET NO. 1 OF 2
	C	B	A	0	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

51353002.S01 A

DWG. NO.
SD-51353-002

F

D

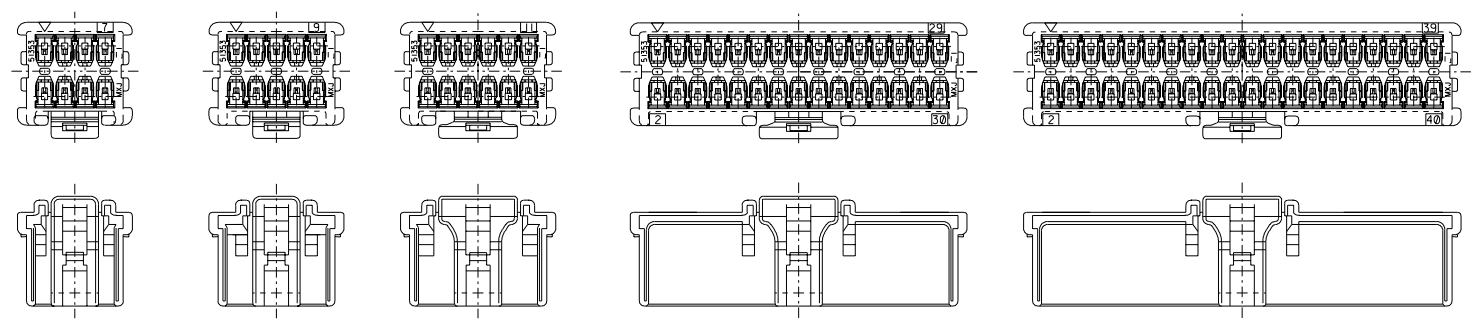
V

C

B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



8 CIRCUIT

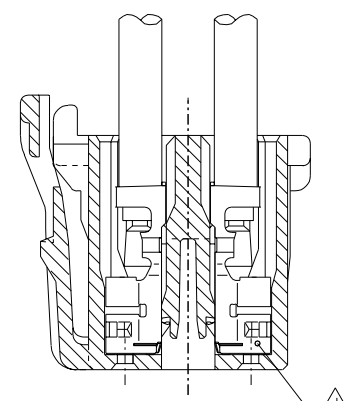
10 CIRCUIT

12 CIRCUIT

30 CIRCUIT

40 CIRCUIT

VIEW OF 8,10,12,40 CIRCUIT
(2:1)



ターミナル装着状態図
TERMINAL
ASSEMBLY DRAWING
SCALE 5:1

EC NO. DRWN: CHK: APPR:	REVISED EC NO. J2003-0719 DRWN:N.ITO '02/09/12 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED EC NO. J2003-0066 DRWN:N.ITO '02/07/08 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED EC NO. J2002-2307 DRWN:N.ITO '02/03/18 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	RELEASED EC NO. J2002-1196 DRWN:N.ITO '01/12/17 CHK: K.ASAKAWA APPR: T.YAMAGUCHI	DESCRIPTION REV	MATERIAL 材料 SEE CHART 1 OF 2	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —//		DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm INCH ☒ mm ONLY	REVISE ON CAD ONLY	
						FINISH 仕上 —//—	10 UNDER 未満 ±0.2	±0.2	DRAWN BY & DATE N.ITO '01/12/17		TITLE: 2.0mm W-+-B DUAL CONN DIP RCPT HOUSING				
C	B	A	0		WIRE RANGE 適用電線範囲 —//—	10 OVER 以上 30 UNDER 未満 ±0.25	±0.25	CHECKED BY & DATE K.ASAKAWA '02/09/12		MOLEX INCORPORATED					
					INS. RANGE 被覆外径 —//—	30 OVER 以上 ±0.3	±0.3	APPROVED BY & DATE T.YAMAGUCHI '02/09/12							
							ANGLE 角度 —//—	±3°	CAD FILENAME 51353002.S02	MATERIAL NO. SEE CHART	DRAWING NO. SD-51353-002	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