

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0513533400

Status:

Active

Overview:

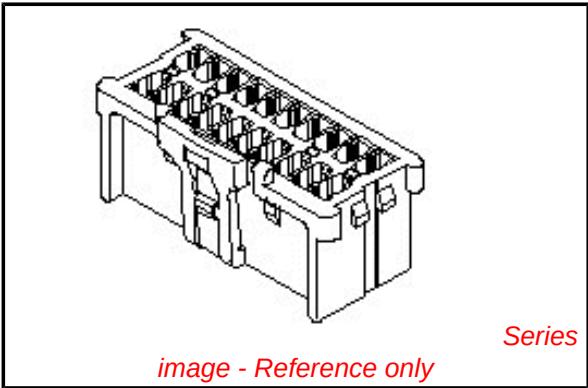
microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, 34 circuits

Documents:	
3D Model	Product Specification PS-51353-003 (PDF)
Drawing (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)	34
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



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

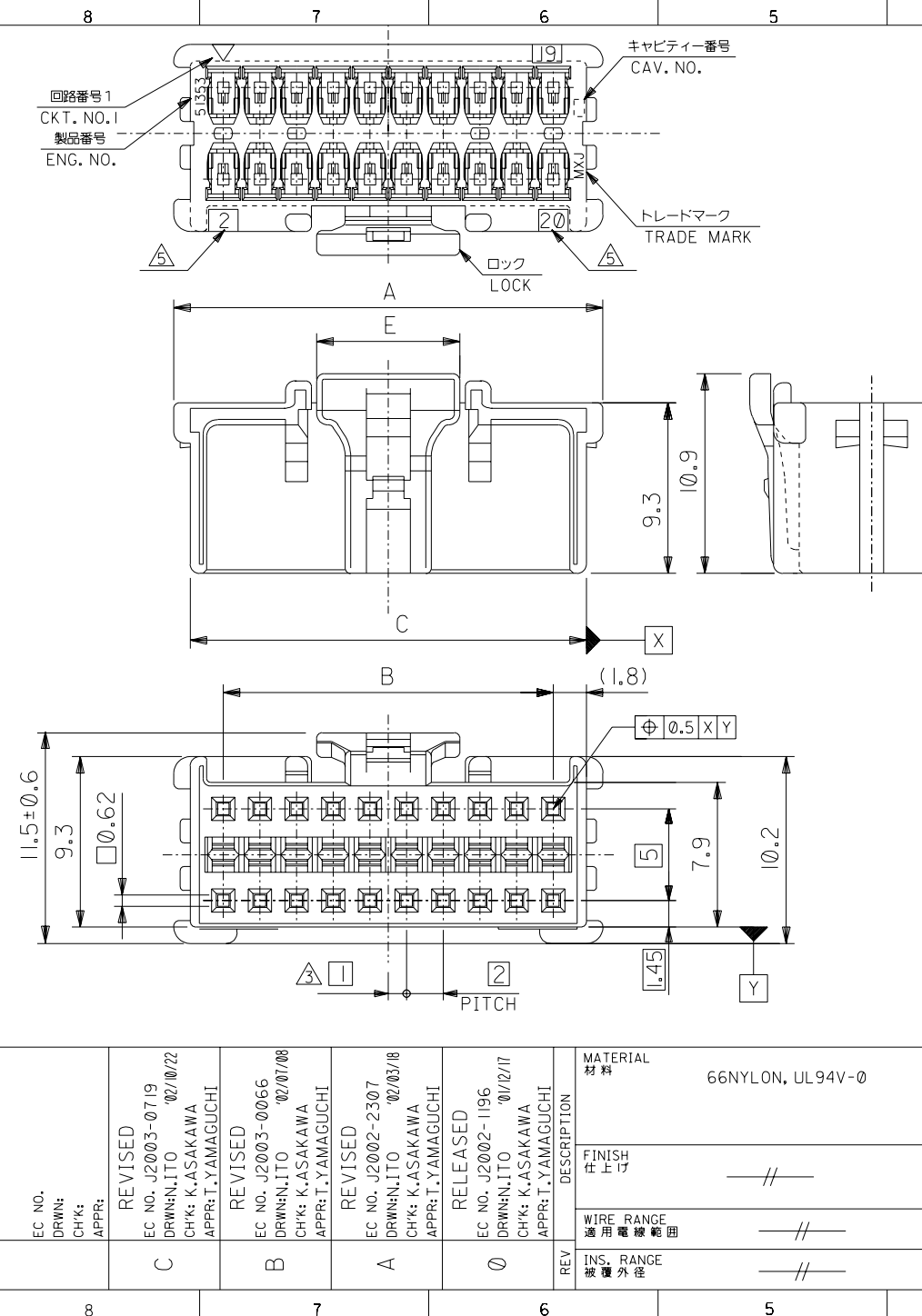
Use With

56134 Terminal

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DWG. NO. SD-51353-002

DO NOT SCALE DRAWING



注記
NOTES

- △ 適合ターミナル : 56134-9000, 9100
APPLICABLE TERMINAL : 56134-9000, 9100
2. 嵌合相手 : 55917, 55959シリーズ
MATE WITH : 55917, 55959 SERIES
(全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN
- △ 製品番号
MATERIAL NO. 51353-**-0*
- △ ロック側の回路番号表示は、8～14極は無し、16～40極は有り。
LOCK SIDE CKT. NO. DIDN'T INDICATED 8～14CKT,
INDICATE 16～40CKT.

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

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. 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 REVISED		EC NO. J2002-1196 DRWN: N.ITO '01/12/17 CHK: K.ASAKAWA APPR: T.YAMAGUCHI RELEASED		MATERIAL 材料 66NYLON, UL94V-0		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 1/100 DESIGN UNITS 1mm 1/16INCH		MODEL NO. THIRD ANGLE PROJECTION		DIMENSIONS: mm INCH mm INCH mm ONLY		SHT 1 REV	
C		B		A		0		FINISH 仕上げ		10 UNDER 未満 ±0.2		DRAWN BY & DATE N.ITO '01/12/17		TITLE: 2.0mm W+-B DUAL CONN DIP RCPT HOUSING		MOLEX MOLEX INCORPORATED		MATERIAL NO. SEE CHART	
								WIRE RANGE 適用電線範囲		10 OVER 30 UNDER 未満 ±0.25		CHECKED BY & DATE K.ASAKAWA '02/10/22		DRAWING NO. SD-51353-002		SHEET NO. 1 OF 2		SIZE B	
								INS. RANGE 被覆外径		30 OVER 以上 ±0.3		APPROVED BY & DATE T.YAMAGUCHI '02/10/22		CAD FILENAME 51353002.S01		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			
										ANGLE 角度 ±3°									

DWG. NO.
SD-51353-002

F

D

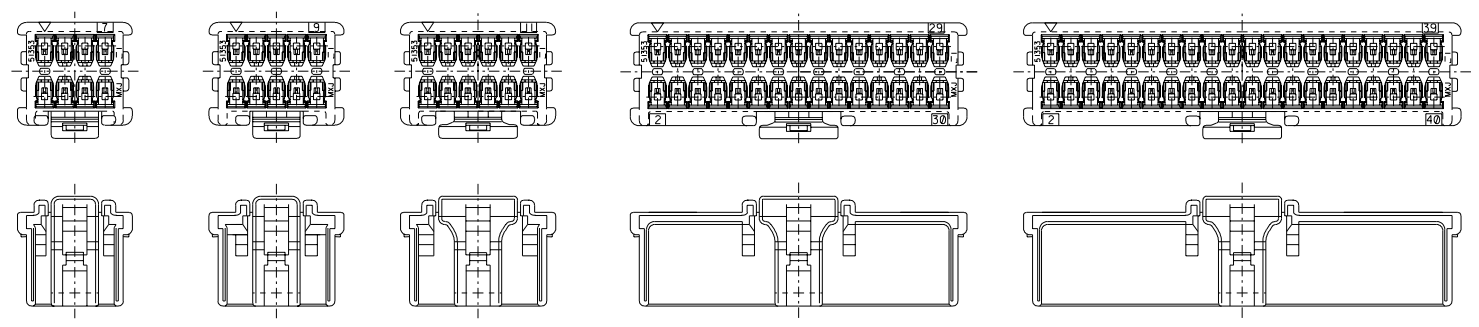
V

C

B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



8 CIRCUIT

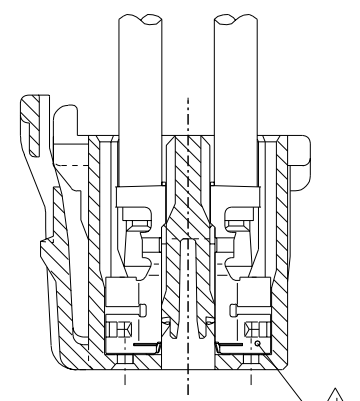
10 CIRCUIT

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	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE ---		DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION		☐ mm ☐ INCH ☒ mm ONLY		SHT	REV
						SEE CHART 1 OF 2	10 UNDER 未満	±0.2	DRAWN BY & DATE N.ITO '01/12/17	TITLE: 2.0mm W-+-B DUAL CONN DIP RCPT HOUSING						REVISE ON CAD ONLY		
C	B	A	0			FINISH 仕上り	10 OVER 30 UNDER 以上 未満		±0.25	CHECKED BY & DATE K.ASAKAWA '02/09/12		MOLEX INCORPORATED						
						30 OVER 以上		±0.3	APPROVED BY & DATE T.YAMAGUCHI '02/09/12									
WIRE RANGE 適用電線範囲				ANGLE 角度		±3°	CAD FILENAME 51353002.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-51353-002		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				

8 7 6 5 4 3 2 1

F

E

D

C

B

A

51353002.S02