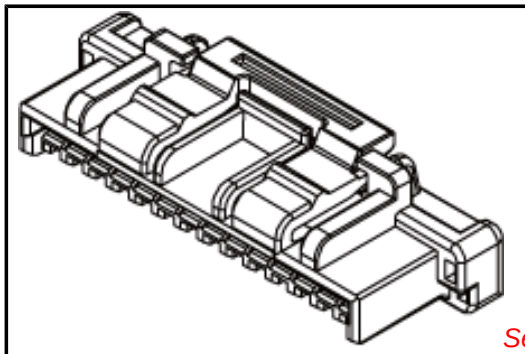
This document was generated on 06/02/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 5025781400
Status: Active
Overview: clikmate_wiretoboard_connectors
Description: 1.50mm (.059") Pitch CLIK-Mate™ Wire-to-Board Housing, Single Row, Positive Lock, 14 Circuits



Series image - Reference only

Documents:

- 3D Model
- Application Specification (PDF)
- Drawing (PDF)
- Product Specification PS-502584-001 (PDF)
- Product Specification PS-503159-001 (PDF)
- Product Specification PS-503175-001 (PDF)
- Product Specification PS-503339-001 (PDF)
- Product Specification PS-503395-001 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Housings
Series	502578
Overview	clikmate_wiretoboard_connectors
Product Name	CLIK-Mate™

Physical

Circuits (maximum)	14
Color - Resin	Beige
Gender	Plug
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.059 In
Pitch - Mating Interface (mm)	1.50 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-25°C to +85°C

Electrical

Current - Maximum per Contact	2A

Material Info

Reference - Drawing Numbers

Application Specification	AS-502578-001, AS-502578-002, AS-503395-001
Product Specification	PS-502584-001, PS-503159-001, PS-503175-001, PS-503339-001, PS-503395-001, RPS-502584-002, RPS-502584-003, RPS-502584-004, RPS-502584-005, RPS-502584-006, RPS-503159-001, RPS-503159-003, RPS-503175-001, RPS-503175-002, RPS-503339-001
Sales Drawing	SD-502578-001

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.

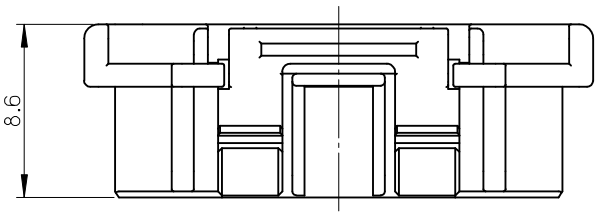
Search Parts in this Series
502578Series

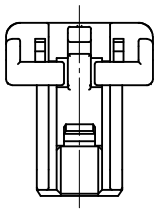
Mates With
502584 PCB Receptacle . 502585 PCB Receptacle

Use With
502579 Crimp Terminal

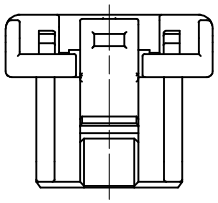
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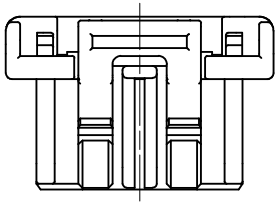




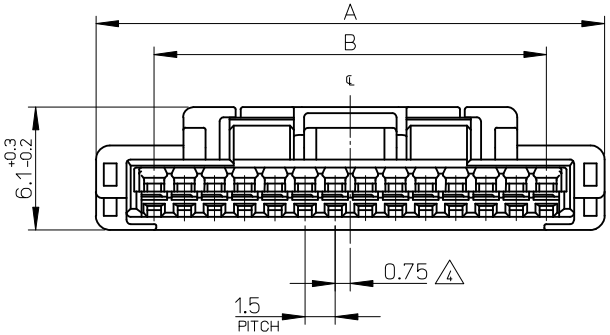
2,3極形状（1ロック）
FIGURE OF 2,3 CIRCUIT (1 LOCK)

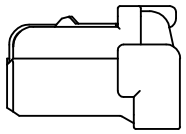


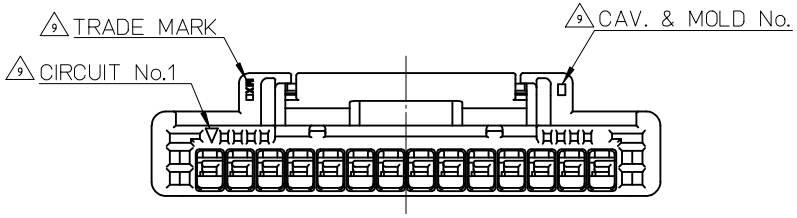
4,5極形状（1ロック）
FIGURE OF 4,5 CIRCUIT (1 LOCK)



6極形状（2ロック）
FIGURE OF 6 CIRCUIT (2 LOCK)







NOTES

1. 材料 MATERIAL
   ハウジング： PBT , UL94-V0
   HOUSING : PBT , UL94-V0
2. 嵌合相手：502584,502585,503159,503175,503339,503340,503395 シリーズ
   MATE WITH:502584,502585,503159,503175,503339,503340,503395 SERIES.
3. 適合ターミナル：502579, 503429 シリーズ
   APPLICABLE TERMINAL : 502579, 503429 SERIES.
4. 極数／2＝偶数極の場合に適用
   APPLY FOR (CIRCUIT/2)=EVEN
5. 注文番号
   ORDER No.

   502578-＊＊＊＊
   極数 CIRCUIT SIZE
   色 COLOR

6. 本製品のプラスチック部に黒点・白点等が確認される場合や
   色合いが異なる場合がありますが、製品性能に影響はありません．
   THERE IS NO INFLUENCE IN THE PRODUCT
   PERFORMANCE THOUGH THE BLACK AND WHITE SPOT ETC.
   MIGHT BE CONFIRMED TO THE PLASTIC PART OF
   THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.
7. アプリケーション仕様書(コネクタ取扱説明書)：AS-502578-001, AS-502578-002
   APPLICATION SPECIFICATIONS
   (CONNECTOR MANUAL): AS-502578-001, AS-502578-002
8. 製品仕様書：PS-502584-001
   Product specification: PS-502584-001
9. トレードマーク：MX プラス1文字の製造工場を示すアルファベットにて表示．
   但し"J"は JAPAN を示す．(例 MXJ)
   キャビティー番号：1桁から2桁の数字にて表示．
   金型番号：アルファベット1文字にて表示．
   FORMED BY MX AND 1 MORE LETTER OF ALPHABET WHICH MEAN THE MANUFACTORY.
   BUT "J" MEANS JAPAN. (TO TRADE MARK) (e.g. MXJ)
   AND BY 1 - 2 DIGIT NUMBER (TO CAVITY No.)
   AND BY 1 LETTER OF ALPHABET (TO MOLD No.)
10. ELV 及び RoHS 適合品
    ELV AND RoHS COMPLIANT

5

No.	COLOR	CIRCUIT
00	ベージュ BEIGE	2~15
01	黒 BLACK	
02	赤 RED	
03	黄 YELLOW	
04	青 BLUE	
05	桃 PINK	
06	緑 GREEN	
07	茶 BROWN	
08	橙 ORANGE	
09	紫 VIOLET	
14	水 PALE BLUE	2

21	26.8	502578-15＊＊	15
19.5	25.3	-14＊＊	14
18	23.8	-13＊＊	13
16.5	22.3	-12＊＊	12
15	20.8	-11＊＊	11
13.5	19.3	-10＊＊	10
12	17.8	-09＊＊	9
10.5	16.3	-08＊＊	8
9	14.8	-07＊＊	7
7.5	13.3	-06＊＊	6
6	11.8	-05＊＊	5
4.5	10.3	-04＊＊	4
3	8.8	-03＊＊	3
1.5	7.3	502578-02＊＊	2
B	A	5 PLASTIC BAG ORDER No.	CIRCUIT No.

REVISED
EC NO: J2009-2139 2009/03/23
DRWN:KSETO 2009/03/24
CH'KD:KASAKAWA 2009/03/24
APPR:SICHIKAWA
DESCRIPTION
REV H

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: N.ITO DATE: '07/07/09
CHECKED BY: K.ASAKAWA DATE: '07/07/10
APPROVED BY: Y.ITO DATE: '07/07/10

TITLE: 1.5MM W/B CONN. SINGLE PLUG HOUSING

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502578-001
SHEET NO.: 1 OF 1

SIZE A3

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