

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5025781100](#)
Status: **Active**
Overview: [klikmate_wiretoboard_connectors](#)
Description: 1.50mm (.059") Pitch CLIK-Mate™ Wire-to-Board Housing, Single Row, Positive Lock, 11 Circuits

Documents:

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

General

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

Physical

Circuits (maximum)	11
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
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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

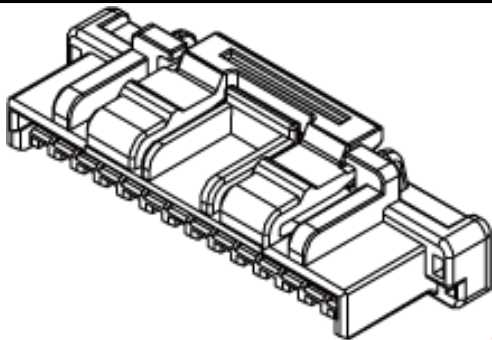


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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.

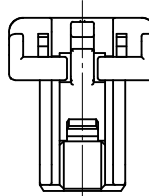
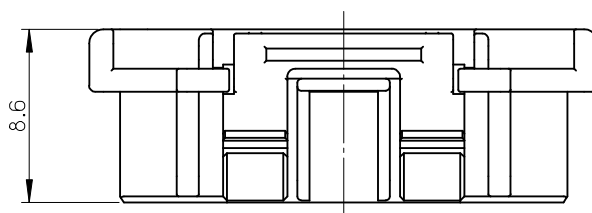
Search Parts in this Series
[502578](#)Series

Mates With
[502584](#) PCB Receptacle . [502585](#) PCB
Receptacle

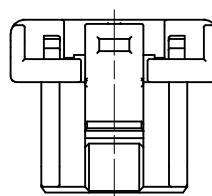
Use With
[502579](#) Crimp Terminal

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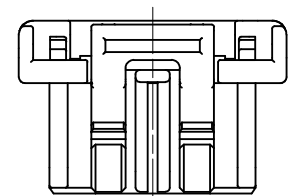
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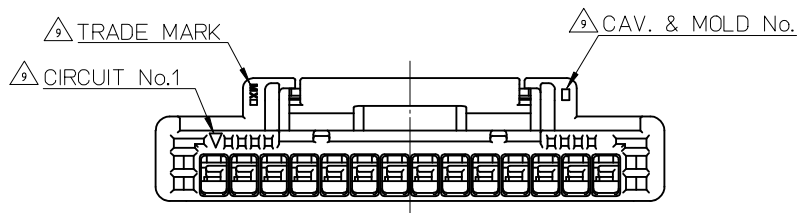
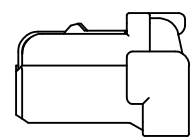
2,3極形状 (1ロック)
FIGURE OF 2,3 CIRCUIT (1 LOCK)



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.

△ 極数/2=偶数極の場合に適用
APPLY FOR (CIRCUIT/2)=EVEN
△ 注文番号
ORDER No.

502578-***

極数 色
CIRCUIT SIZE 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
△ 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

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	△ PLASTIC BAG △ ORDER No.	CIRCUIT No.

REVISED EC NO: J2009-2139 DRW:KSETO CHKD:ASAKAWA APPR:SIKAWA REV	DESCRIPTION 2009/03/23 2009/03/24 2009/03/24	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY N. ITO	DATE '07/07/09	TITLE 1.5MM W/B CONN. SINGLE PLUG HOUSING				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. ASAKAWA	DATE '07/07/10					
		30 OVER	±0.3	APPROVED BY Y. ITO	DATE '07/07/10	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502578-001		1 OF 1		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						