

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5023801300

Status:

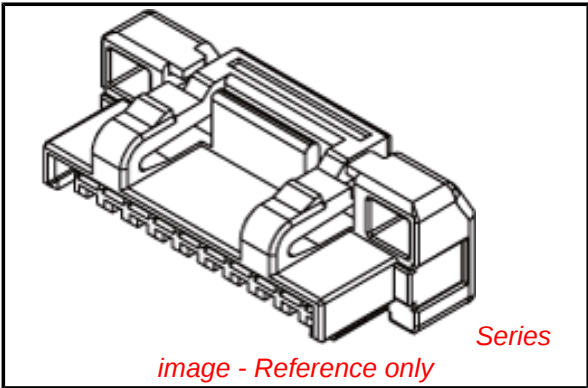
Active

Overview:

[klikmate_wiretoboard_connectors](#)

Description:

1.25mm (.049") Pitch CLIK-Mate™ Wire-to-Board Housing, Single Row, Positive Lock, 13 Circuits



Documents:

[3D Model](#)

[Application Specification \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-502382-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Overview

Product Name

Crimp Housings

502380

[klikmate_wiretoboard_connectors](#)

CLIK-Mate™

Physical

Breakaway

Circuits (maximum)

Color - Resin

Gender

Glow-Wire Compliant

Keying to Mating Part

Lock to Mating Part

Material - Resin

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Stackable

Temperature Range - Operating

No

13

White

Plug

No

Yes

Yes

Polyester

1

Bag

No

0.049 In

1.25 mm

Yes

No

-25°C to +85°C

Electrical

Current - Maximum per Contact

1A

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

AS-502380-001, AS-502380-002

SPK-502380-001

PS-502382-001, RPS-502382-003, RPS-502382-004, RPS-502382-005, RPS-502382-008, RPS-502382-010, RPS-502382-011, RPS-502382-012, RPS-502382-013

SD-502380-001, SD-502380-002

Sales Drawing

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

502380Series

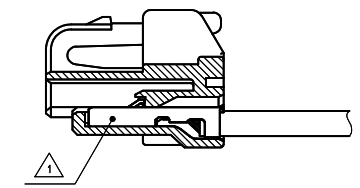
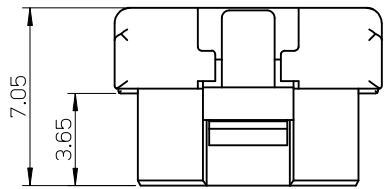
Mates With

502382 PCB Receptacle, 502386 PCB Receptacle

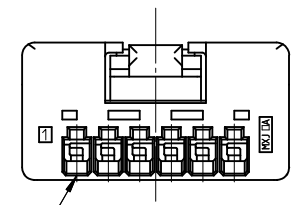
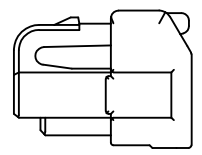
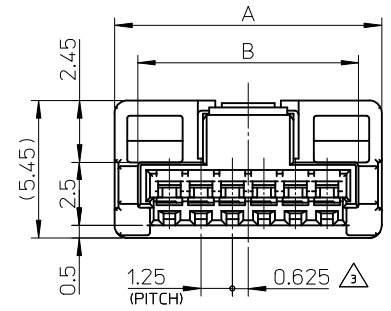
Use With

502381 Crimp Terminal

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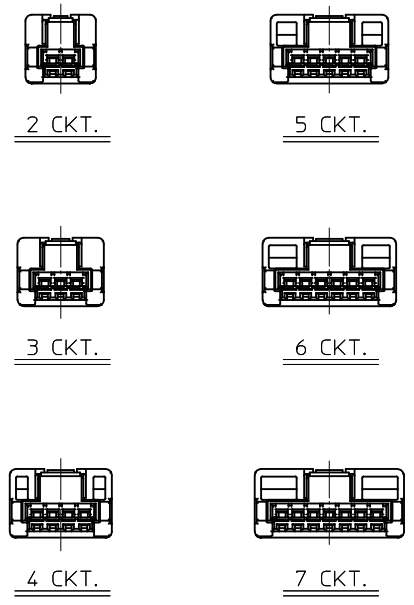
ターミナル装着図
TERMINAL ASSEMBLY DRAWING



回路番号 1
CKT. NO. 1

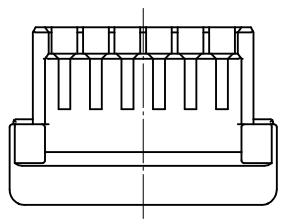
NOTES

- 適合ターミナル : 502381-00**
APPLICABLE TARMINAL : 502381-00**
- 嵌合相手 : 502382-**09 / 502386-**09
MATE WITH : 502382-**09 / 502386-**09
- 極数/2=偶数に適用。
APPLY FOR CKT. SIZE / 2 = EVEN.
- 本製品のプラスチック部に黒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 SPOT ETC. MIGHT BE CONFIRMED TO THE PLASTIC PART OF THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.
- アプリケーション仕様書 (コネクタ取扱説明書) : AS-502380-001
APPLICATION SPECIFICATIONS (CONNECTOR MANUAL): AS-502380-001
- 製品仕様書 : PS-502382-001
Product specification: PS-502382-001



極数の種類 (正面図)
KIND OF CKT. NO. (FRONT VIEW)

10	11.85	502380-070*	7
8.75	10.6	502380-060*	6
7.5	9.35	502380-050*	5
6.25	8.1	502380-040*	4
5	6.85	502380-030*	3
3.75	5.6	502380-020*	2
B	A	ポリ袋 POLYBAG PACKAGE オーダー番号 ORDER No.	極数 CKT. No.



部品 PART	材質 MATERIAL
ハウジング HOUSING	ポリブチレンテレフタレート UL94V-0 色 : SHEET 2 参照 POLYBUTYLENE TEREPHTHALATE UL94V-0 COLOR : SEE SHEET 2

REVISED EC NO: J2010-2217 DRWN:THANYU 2010/05/12 CHKDK: ASAKAWA 2010/05/13 APPR:NUKITA 2010/05/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	ORDER NO. THIRD ANGLE PROJECTION				
				DRAWN BY T.MIYAZAKI		DATE 2006/08/28	TITLE 1.25 W/B CONN. SINGLE PLUG HOUSING 2-7CKT.					
		10 UNDER ±0.2		CHECKED BY K.ASAKAWA		DATE 2006/08/28						
		10 OVER 30 UNDER ±0.25		APPROVED BY YO.I TO		DATE 2006/08/28	MOLEX INCORPORATED					
		30 OVER ±0.3		MATERIAL NO.		DOCUMENT NO.						
		ANGULAR ±3 °		SEE TABLE		SD-502380-001				SHEET NO. 1 OF 2		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
REV				SIZE A3								

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CONFIDENTIAL

F

E

D

C

B

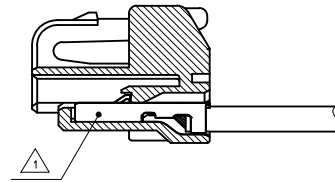
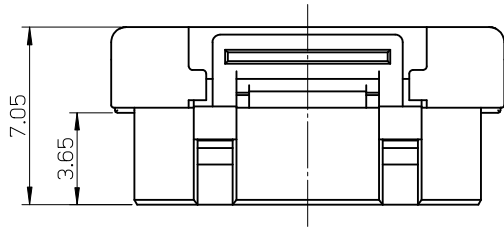
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tb_frame_A3_J_ME_S
Rev. E 2006/04/15

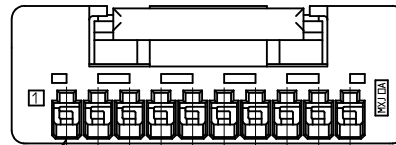
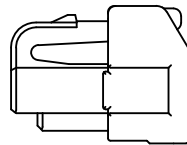
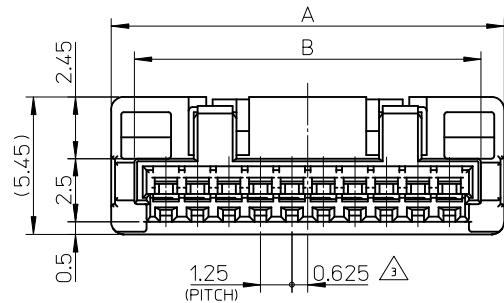
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EN-02JA(021)

HSG COLOR : GREEN	HSG COLOR : BLUE	HSG COLOR : RED	HSG COLOR : BLACK	HSG COLOR : NATURAL				
502380-0706	502380-0704	502380-0702	502380-0701	502380-0700	7			
502380-0606	502380-0604	502380-0602	502380-0601	502380-0600	6			
502380-0506	502380-0504	502380-0502	502380-0501	502380-0500	5			
502380-0406	502380-0404	502380-0402	502380-0401	502380-0400	4			
502380-0306	502380-0304	502380-0302	502380-0301	502380-0300	3			
502380-0206	502380-0204	502380-0202	502380-0201	502380-0200	2			
ポリ袋 POLYBAG PACKAGE オーダー番号 ORDER No.					極数 (KT. NO.)			
REVISED EC NO: J2010-2217 DRWN:THANYU 2010/05/12 CHKDK: ASAKAWA 2010/05/13 APPR: NUKITA 2010/05/14		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER ± 0.2		DRAWN BY T. MIYAZAKI	DATE 2006/08/28	TITLE 1.25 W/B CONN. SINGLE PLUG HOUSING 2-7CKT.		
		10 OVER 30 UNDER ± 0.25		CHECKED BY K. ASAKAWA	DATE 2006/08/28	MOLEX INCORPORATED		
		30 OVER ± 0.3		APPROVED BY Y.O. ITO	DATE 2006/08/28	DOCUMENT NO. SD-502380-001		
		ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		SHEET NO. 2 OF 2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



ターミナル装着図
TERMINAL ASSEMBLY DRAWING



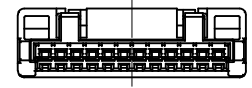
回路番号 1
CKT NO. 1

NOTES

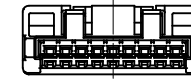
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APPLICABLE TARMINAL : 502381-00**
- 嵌合相手 : 502382-**09 / 502386-**09
MATE WITH : 502382-**09 / 502386-**09
- 極数/2=偶数に適用。
APPLY FOR CKT. SIZE / 2 = EVEN.
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- 製品仕様書 : PS-502382-001
Product specification: PS-502382-001
- ELV AND RoHS COMPLIANT.



8 CKT.



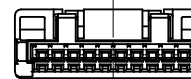
12 CKT.



9 CKT.



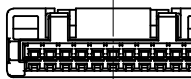
13 CKT.



10 CKT.



14 CKT.



11 CKT.

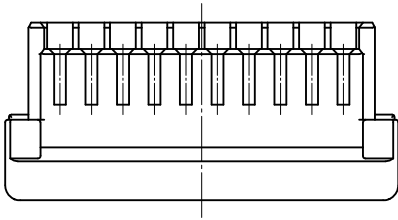


15 CKT.

極数の種類 (正面図)

KIND OF CKT. NO. (FRONT VIEW)

20	21.85	502380-150*	15
18.75	20.6	502380-140*	14
17.5	19.35	502380-130*	13
16.25	18.1	502380-120*	12
15	16.85	502380-110*	11
13.75	15.6	502380-100*	10
12.5	14.35	502380-090*	9
11.25	13.1	502380-080*	8
B	A	ポリ袋 POLYBAG PACKAGE オーダー番号 ORDER NO.	極数 CKT. NO.



部品 PART	材質 MATERIAL
ハウジング HOUSING	ポリブチレンテレフタレート UL94V-0 色 : SHEET 2 参照 POLYBUTYLENE TEREPHTHALATE UL94V-0 COLOR : SEE SHEET 2

REVISED EC NO: J2010-2217 DRWN:THANYU CHKDK: ASAKAWA APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		5:1	METRIC		
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.25 W/B CONN. SINGLE PLUG HOUSING 8-15CKT.			
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE				
		30 OVER	± 0.3	APPROVED BY	DATE	MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.	DOCUMENT NO.			SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	SEE TABLE SD-502380-002 1 OF 2				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

	10	9	8	7	6	5	4	3	2	1	CONFIDENTIAL	
F												F
E												E
D												D
C												C
B												B
A												A
tb_frame_A3_J_ME_S Rev. E 2006/04/15												EN-02JA(021)

HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL		
502380-1506		502380-1504		502380-1502		502380-1501		502380-1500		15
502380-1406		502380-1404		502380-1402		502380-1401		502380-1400		14
502380-1306		502380-1304		502380-1302		502380-1301		502380-1300		13
502380-1206		502380-1204		502380-1202		502380-1201		502380-1200		12
502380-1106		502380-1104		502380-1102		502380-1101		502380-1100		11
502380-1006		502380-1004		502380-1002		502380-1001		502380-1000		10
502380-0906		502380-0904		502380-0902		502380-0901		502380-0900		9
502380-0806		502380-0804		502380-0802		502380-0801		502380-0800		8
ポリ袋 POLYBAG PACKAGE										極数 (KT. NO.)
オーダー番号 ORDER No.										
REVISED EC NO: J2010-2217 DRWN:THANYU 2010/05/12 CHKDK:ASAKAWA 2010/05/13 APPR:NUKITA 2010/05/14	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE -----	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY T.MIYAZAKI	DATE 2006/08/28	TITLE 1.25 W/B CONN. SINGLE PLUG HOUSING 8-15CKT.				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K.ASAKAWA	DATE 2006/08/28	MOLEX INCORPORATED				
		30 OVER	± 0.3	APPROVED BY YO.IITO	DATE 2006/08/28	DOCUMENT NO. SD-502380-002				
		ANGULAR ±3 °		MATERIAL NO. SEE TABLE		SHEET NO. 2 OF 2				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								