

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5023861070

Status:

Active

Description:

1.25mm (.049") Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, Right Angle, 10 Circuits

Documents:

3D Model

Drawing (PDF)

Application Specification (PDF)

Product Specification PS-502382-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Receptacles

502386

Wire-to-Board

CLIK-Mate™

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

10

10

Natural

30

No

Yes

Yes

Yes

0.219 In

5.55 mm

Tin

Tin

High Temperature Thermoplastic

1

Right Angle

No

None

Embossed Tape on Reel

0.049 In

1.25 mm

0.049 In

1.25 mm

40

1

40

1

Yes

No

No

Yes

-25°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

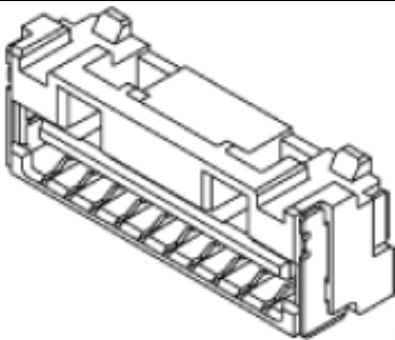
Voltage - Maximum

1A

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers



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
502386Series

Mates With
502380 Crimp Housing

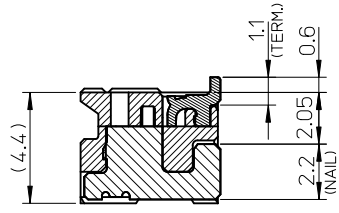
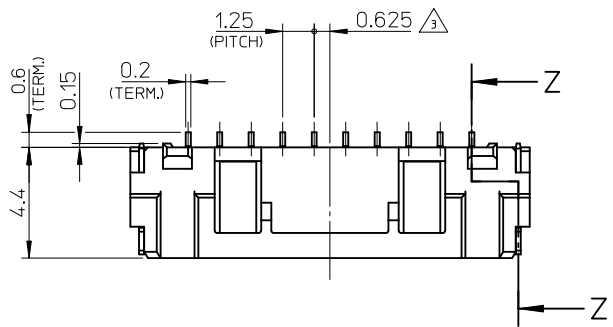
Packaging Specification
Product Specification

Sales Drawing

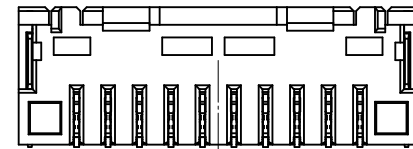
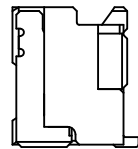
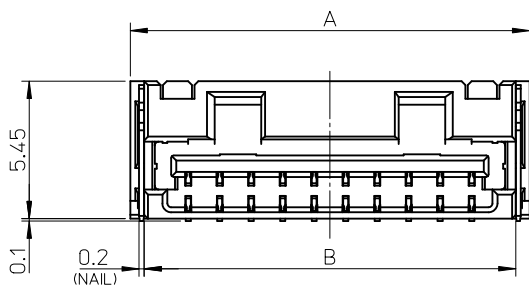
SPK-502386-001
PS-502382-001, RPS-502382-003, RPS-502382-005,
RPS-502382-006, RPS-502382-008, RPS-502382-011,
RPS-502382-012, RPS-502382-013
SD-502386-002, SD-502386-003

This document was generated on 05/24/2010

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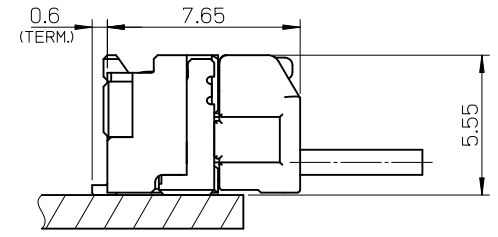
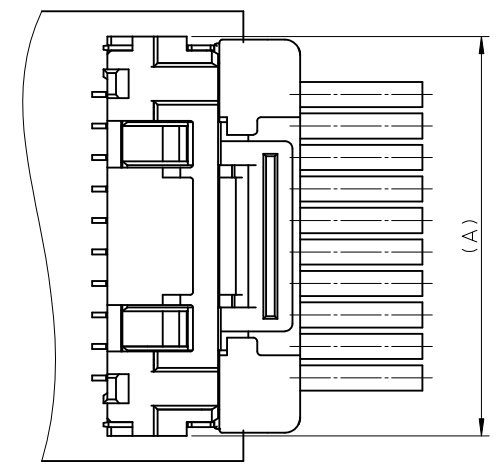


SECTION Z-Z



NOTES

1. 嵌合相手: 502380-****
MATE WITH: 502380-****
2. 端子テール部 及び ネイルの平坦度: 0.1MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
APPLY FOR CKT. SIZE / 2 = EVEN.
3. 極数/2=偶数に適用。
APPLY FOR CKT. SIZE / 2 = EVEN.
4. 端子テール部 及び ネイルに錫めっきを使用しているため、
外観に摺動痕が付く場合がございます。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED FOR THE TAIL AND NAIL.
5. 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.

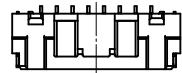


嵌合図
MATED CONNECTORS

番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	耐熱性樹脂 UL94V-0 色:SHEET 3 参照 HEATPROOF RESIN UL94V-0 COLOR: SEE SHEET 3
②	ターミナル TERMINAL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN. TIN (TAIL AREA) ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
③	ネイル NAIL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN. TIN ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)

2	10.7	11.5	17.5	21	22.1	502386-15**	15
2	9.45	10.25	16.25	19.75	20.85	502386-14**	14
2	8.2	9	15	18.5	19.6	502386-13**	13
2	6.95	7.75	13.75	17.25	18.35	502386-12**	12
2	5.7	6.5	12.5	16	17.1	502386-11**	11
2	4.45	5.25	11.25	14.75	15.85	502386-10**	10
2	3.2	4	10	13.5	14.6	502386-09**	9
2.6	1.95	2.75	8.75	12.25	13.35	502386-08**	8
F	E	D	C	B	A	EMBOSSD TAPE PACKAGE オーダー番号ORDER No.	極数 CKT. NO.

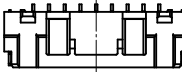
REVISED EC NO: J2010-2024 DRWN: YGOTO CHKD: K. ASAKAWA APPR: NUKITA REV C	DESCRIPTION 2010/04/07 2010/04/12 2010/04/13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY T. MIYAZAKI	DATE 2006/08/28	TITLE 1.25 W/B CONN. SINGLE R/A REC. ASS'Y 8-15CKT. -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. ASAKAWA	DATE 2006/08/28	MOLEX INCORPORATED SD-502386-002				
		30 OVER	±0.3	APPROVED BY Y.O. ITO	DATE 2006/08/28					
		ANGULAR ±3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO.		SHEET NO. 1 OF 3		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



8 CKT.



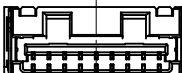
12 CKT.



9 CKT.



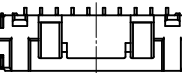
13 CKT.



10 CKT.



14 CKT.



11 CKT.

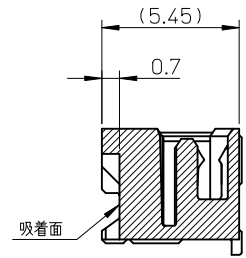
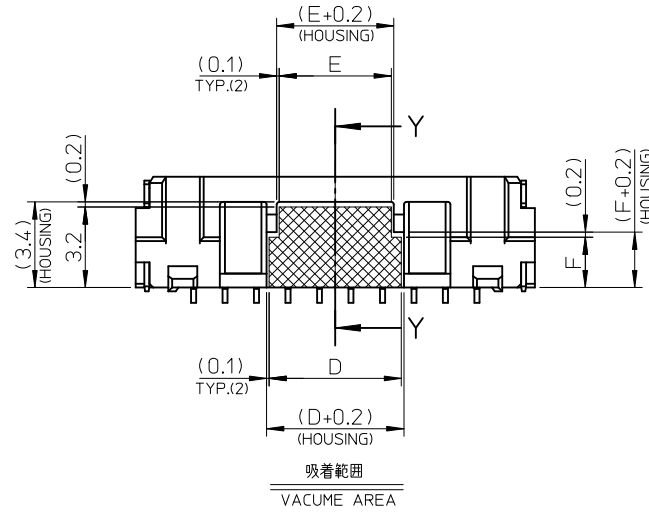


15 CKT.

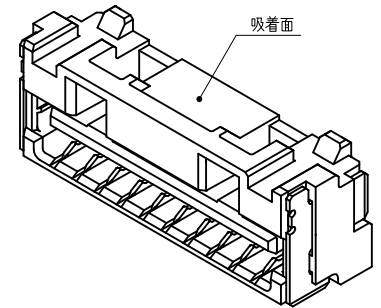
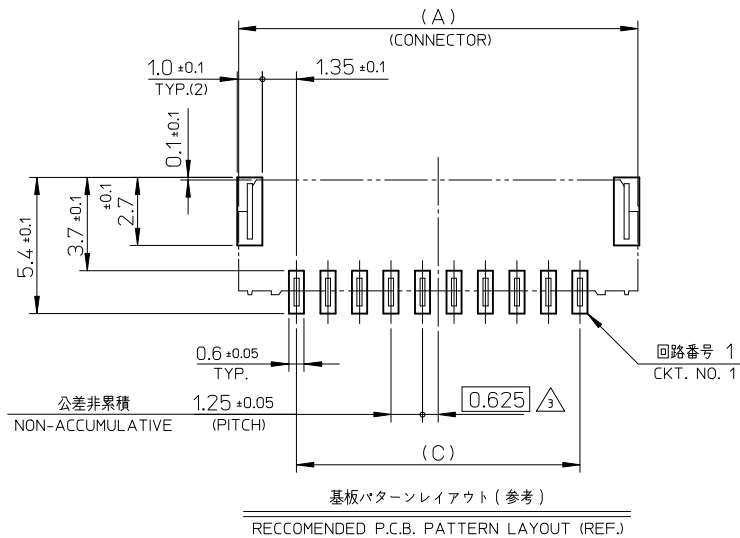


極数の種類

KIND OF CKT. NO. (FRONT VIEW)



SECTION Y-Y



REVISED EC NO: J2010-2024 2010/04/07 DRWN: YGOTO 2010/04/12 CHKD: K. ASAKAWA 2010/04/12 APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	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 R/A REC. ASS'Y 8-15CKT. -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. ASAKAWA	DATE 2006/08/28					
		30 OVER	± 0.3	APPROVED BY Y. ITO	DATE 2006/08/28	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502386-002		2 OF 3			
REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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CONFIDENTIAL

F

E

D

C

B

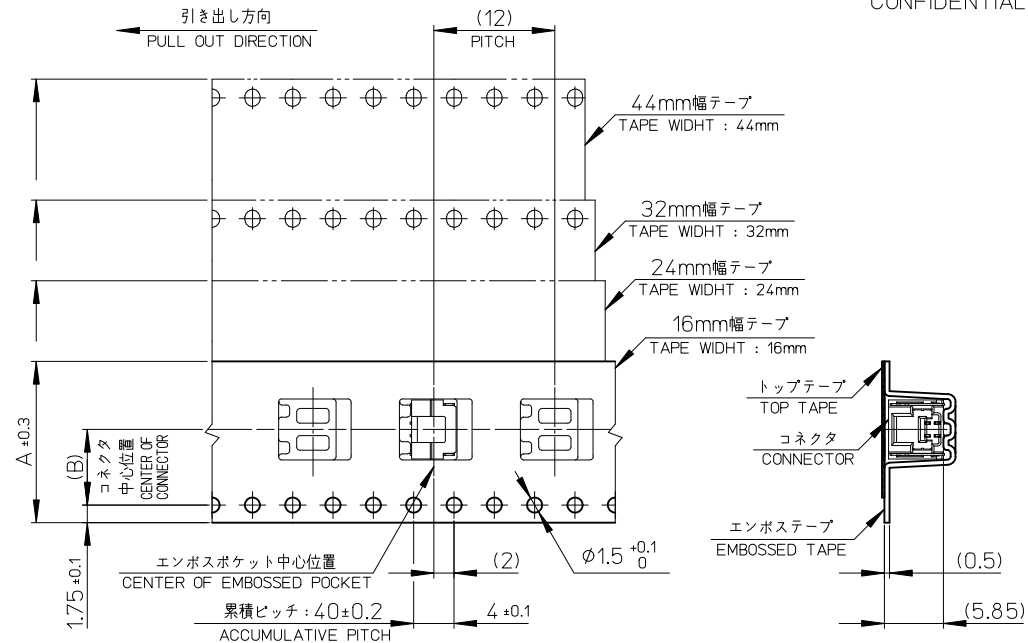
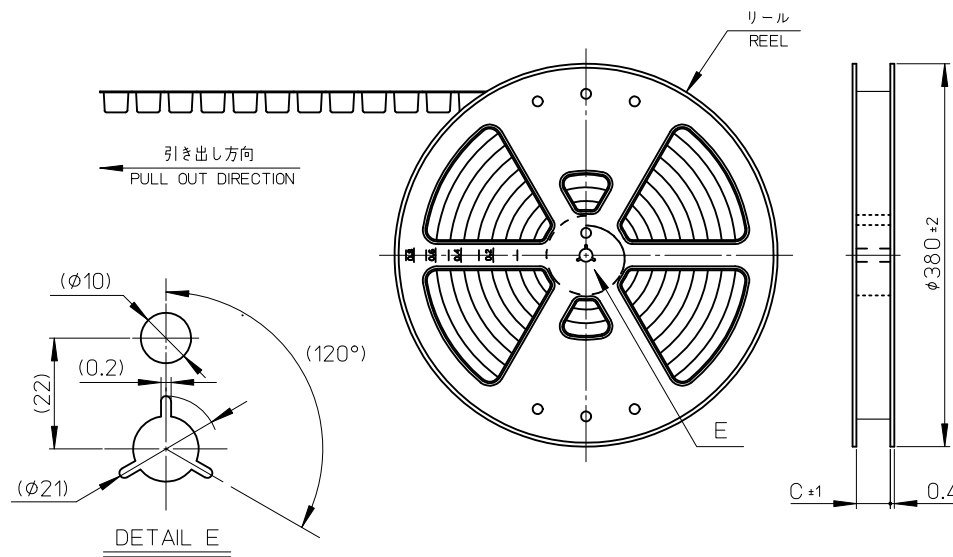
A

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					
502386-1546	502386-**-26	502386-1544	502386-**-24	502386-1542	502386-**-22	502386-1541	502386-**-21	502386-1570	502386-**-09	15			
502386-1446		502386-1444		502386-1442		502386-1441		502386-1470		14			
502386-1346		502386-1344		502386-1342		502386-1341		502386-1370		13			
502386-1246		502386-1244		502386-1242		502386-1241		502386-1270		12			
502386-1146		502386-1144		502386-1142		502386-1141		502386-1170		11			
502386-1046		502386-1044		502386-1042		502386-1041		502386-1070		10			
502386-0946		502386-0944		502386-0942		502386-0941		502386-0970		9			
502386-0846		502386-0844		502386-0842		502386-0841		502386-0870		8			
EMBOSSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリЭС CONNECTOR SERIES	EMBOSSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリЭС CONNECTOR SERIES	EMBOSSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリЭС CONNECTOR SERIES	EMBOSSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリЭС CONNECTOR SERIES	EMBOSSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリЭС CONNECTOR SERIES	極数 (KT. NO.)			
		REVISED EC NO: J2010-2024 DRWN:YGGTO 2010/04/07 CHKD:K.ASAKAWA 2010/04/12 APPR:NUKITA 2010/04/13		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE -----		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
				10 UNDER ±0.2		DRAWN BY DATE T.MIYAZAKI 2006/08/28		TITLE		1.25 W/B CONN. SINGLE R/A REC. ASS'Y 8-15CKT. -LEAD FREE-			
				10 OVER 30 UNDER ±0.25		CHECKED BY DATE K.ASAKAWA 2006/08/28							
				30 OVER ±0.3		APPROVED BY DATE YO.IITO 2006/08/28							
				ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502386-002		3 OF 3			
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

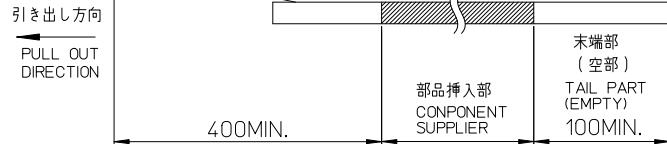


NOTES

- 製品詳細寸法については、SD-502386-001, -002 を参照下さい。
PLEASE REFER TO SD-502386-001, -002 FOR THE DETAILED DIMENSION OF THE CONNECTOR.
- 梱包数量 : 1200個
NUMBER OF CONNECTIONS : 1200 PIECES/REEL.
- リードテープ長さ
LEAD TAPE LENGTH

トップテープ接着部 (空エンボス)
20 PIECES MIN.

TOP TAPE BONDED PART (EMPTY)



- 材料
MATERIAL
キャリアテープ : ポリスチレン
CARRIER TAPE : POLYSTYRENE
トップテープ : ポリエステル、ポリエチレン、ポリエチレンテレフタレート
TOP TAPE : POLYESTER, POLYETHYLENE, POLYETHYLENE TEREPHTHALATE
リール : ポリスチレン <リサイクル材を含む>
REEL : POLYSTYRENE <RECYCLE MATERIAL CONTAINED>
- ELV 及び RoHS 適合品
ELV AND ROHS COMPLIANT

45.5	20.2	44	502386-15**	15
45.5	20.2	44	502386-14**	14
33.5	14.2	32	502386-13**	13
33.5	14.2	32	502386-12**	12
33.5	14.2	32	502386-11**	11
33.5	14.2	32	502386-10**	10
25.5	11.5	24	502386-09**	9
25.5	11.5	24	502386-08**	8
25.5	11.5	24	502386-07**	7
25.5	11.5	24	502386-06**	6
25.5	11.5	24	502386-05**	5
25.5	11.5	24	502386-04**	4
17.5	7.5	16	502386-03**	3
17.5	7.5	16	502386-02**	2
C	B	エンボステープ幅 A WIDTH OF TAPE	製品番号 MATERIAL NO.	極数 EXT. NO.

REVISED	EC NO. J2010-2024	2010/04/07	DRWN: YGOTO	2010/04/12	CHKDK: ASAKAWA	2010/04/13	APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
									10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.25 W/B CONN. SINGLE R/A REC. EMBTP PKG			
									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		SEE TABLE		SD-502386-003		1 OF 2	
											SIZE A3		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

WITH CAPTON TAPE

HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL		
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	15
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	14
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	13
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	12
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	11
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	10
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	9
—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	—//—	8
502386-**16	502386-0736	502386-**14	502386-0734	502386-**12	502386-0732	502386-**11	502386-0731	502386-**08	502386-0772	7
	502386-0636		502386-0634		502386-0632		502386-0631		502386-0672	6
	502386-0536		502386-0534		502386-0532		502386-0531		502386-0572	5
	502386-0436		502386-0434		502386-0432		502386-0431		502386-0472	4
	502386-0336		502386-0334		502386-0332		502386-0331		502386-0372	3
	502386-0236		502386-0234		502386-0232		502386-0231		502386-0272	2
コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	極数 (KT. NO.)

WITHOUT CAPTON TAPE

HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL		
502386-**26	502386-1546	502386-**24	502386-1544	502386-**22	502386-1542	502386-**21	502386-1541	502386-**09	502386-1570	15
	502386-1446		502386-1444		502386-1442		502386-1441		502386-1470	14
	502386-1346		502386-1344		502386-1342		502386-1341		502386-1370	13
	502386-1246		502386-1244		502386-1242		502386-1241		502386-1270	12
	502386-1146		502386-1144		502386-1142		502386-1141		502386-1170	11
	502386-1046		502386-1044		502386-1042		502386-1041		502386-1070	10
	502386-0946		502386-0944		502386-0942		502386-0941		502386-0970	9
	502386-0846		502386-0844		502386-0842		502386-0841		502386-0870	8
	502386-0746		502386-0744		502386-0742		502386-0741		502386-0770	7
	502386-0646		502386-0644		502386-0642		502386-0641		502386-0670	6
	502386-0546		502386-0544		502386-0542		502386-0541		502386-0570	5
	502386-0446		502386-0444		502386-0442		502386-0441		502386-0470	4
	502386-0346		502386-0344		502386-0342		502386-0341		502386-0370	3
	502386-0246		502386-0244		502386-0242		502386-0241		502386-0270	2
コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	極数 (KT. NO.)

REVISED
EC NO: J2010-2024
2010/04/07
DRWN: YG010
CH'KD: K. ASAKAWA
2010/04/12
APPR: NUKITA
2010/04/12

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

DRAWN BY	DATE
T. MIYAZAKI	2006/10/16
CHECKED BY	DATE
K. ASAKAWA	2006/10/16
APPROVED BY	DATE
Y. ITO	2006/10/16
MATERIAL NO.	

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
1.25 W/B CONN. SINGLE
R/A REC. EMBTP PKG

MOLEX INCORPORATED

DOCUMENT NO.
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