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Part Number: [5033950310](#)
Status: **Active**
Description: 1.50mm (.059") Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, SMT, Bottom Entry, 3 Circuits

Documents:
[3D Model](#) [Product Specification PS-503395-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

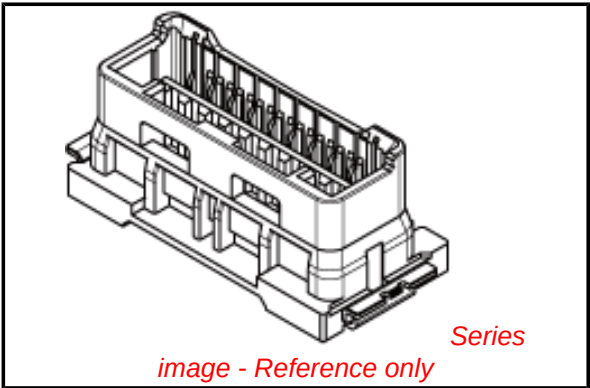
General
Product Family PCB Receptacles
Series [503395](#)
Application Wire-to-Board
Product Name CLIK-Mate™

Physical
Circuits (Loaded) 3
Color - Resin Beige
Durability (mating cycles max) 30
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 1
Orientation Bottom Entry
PCB Retention Yes
Packaging Type Tray
Pitch - Mating Interface (in) 0.059 In
Pitch - Mating Interface (mm) 1.50 mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 2A
Voltage - Maximum 100V

Material Info

Reference - Drawing Numbers
Application Specification AS-503395-001
Packaging Specification SPK-503395-001
Product Specification PS-503395-001
Sales Drawing SD-503395-001, SD-503395-002



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

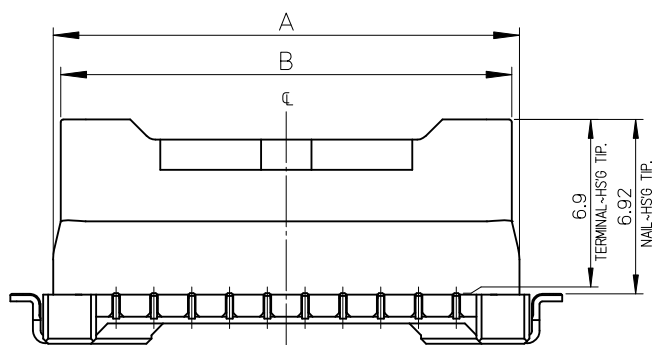


Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[503395Series](#)

Mates With
[502578](#) Crimp Housing . [502579](#) Crimp Terminal

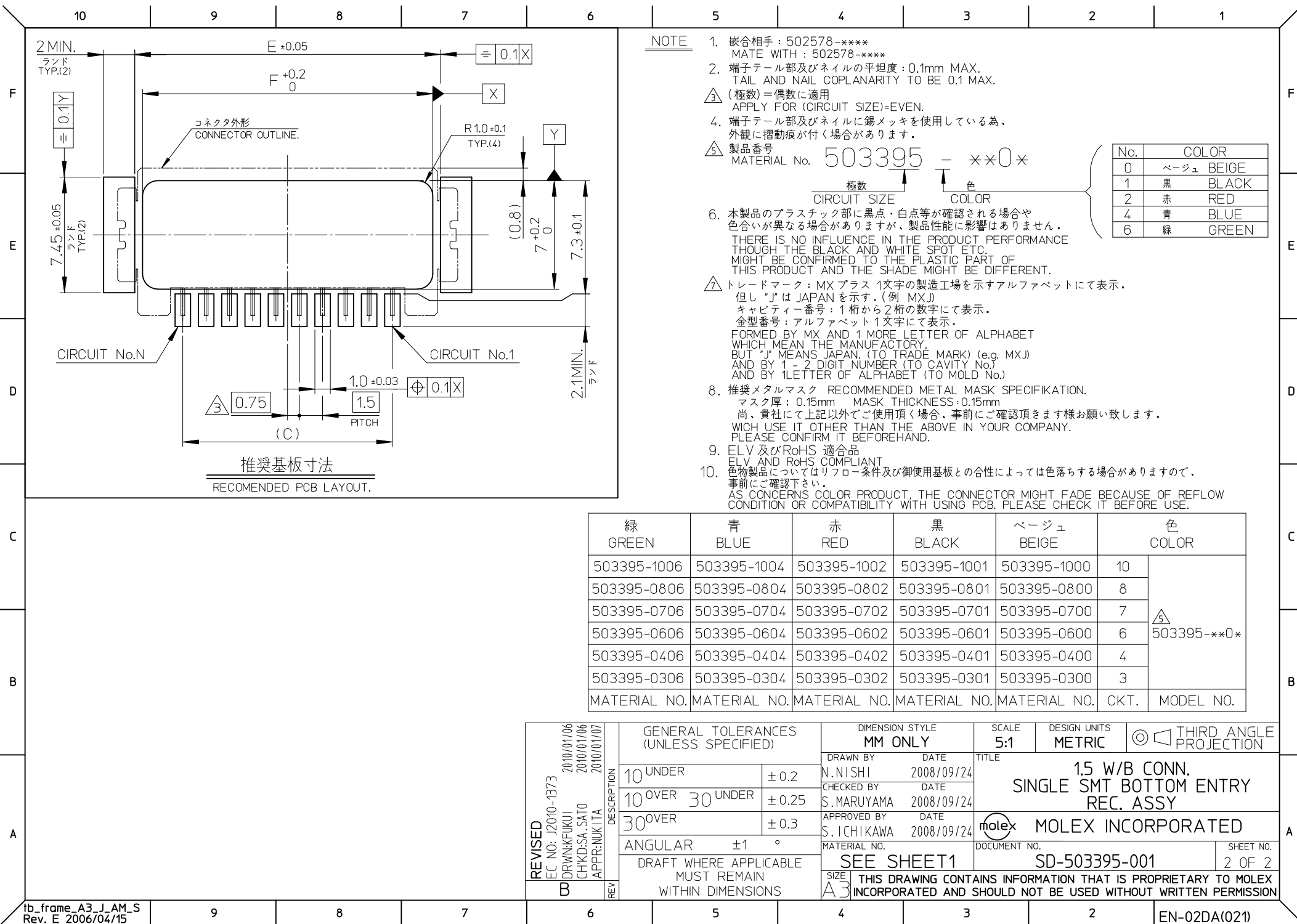
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No.	PART	MATERIAL
①	HOUSING	46 ナイロン (PA46)・UL94V-0. 色:注記 △ 参照 46NYLON(PA46), UL94V-0. COLOR : REFER TO NOTES △.
②	TERMINAL	銅合金 COPPER ALLOY 錫メッキ: 1.0μm 以上 TIN : 1.0 MICROMETER MINIMUM. ニッケルメッキ(下地): 1.0μm 以上 NICKEL (UNDER PLATING) : 1.0 MICROMETER MINIMUM.
③	NAIL	黄銅 BRASS 錫メッキ: 1.0μm 以上 TIN : 1.0 MICROMETER MINIMUM. ニッケルメッキ(下地): 1.0μm 以上 NICKEL (UNDER PLATING) : 1.0 MICROMETER MINIMUM.

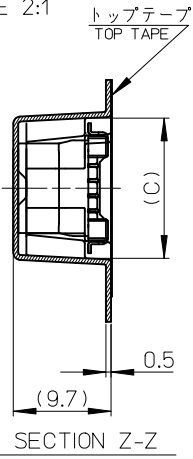
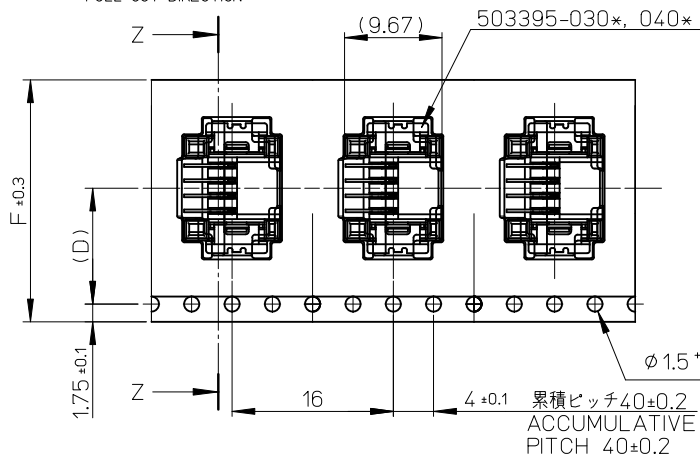
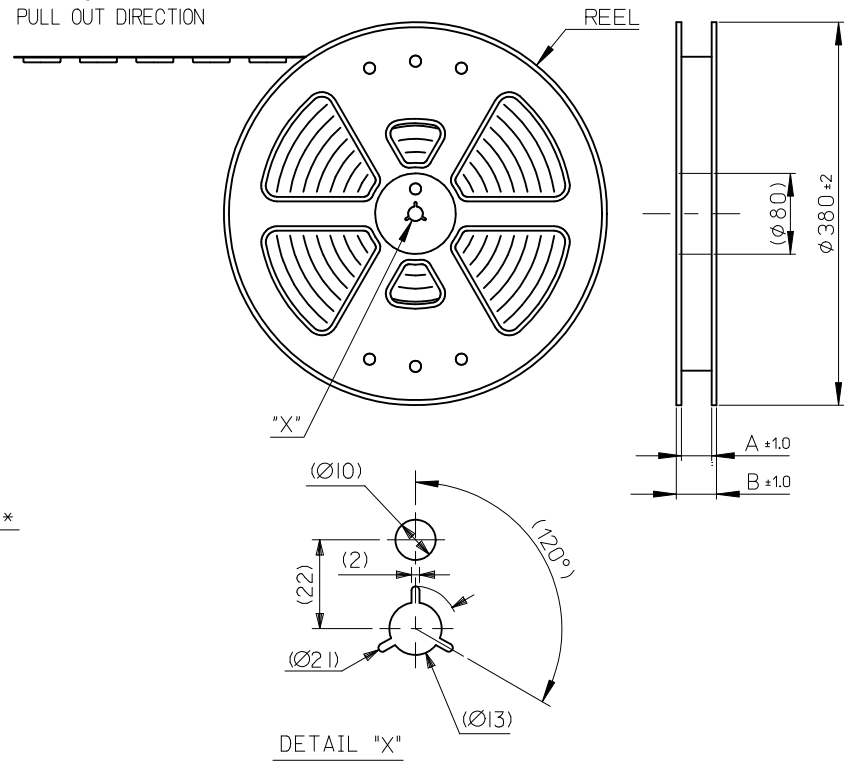
18.7	19.3	21.9	13.5	17.9	18.5	503395 - 101*	503395 - 100*	10
15.7	16.3	18.9	10.5	14.9	15.5	503395 - 081*	503395 - 080*	8
14.2	14.8	17.4	9	13.4	14	503395 - 071*	503395 - 070*	7
12.7	13.3	15.9	7.5	11.9	12.5	503395 - 061*	503395 - 060*	6
9.7	10.3	12.9	4.5	8.9	9.5	503395 - 041*	503395 - 040*	4
8.2	8.8	11.4	3	7.4	8	503395 - 031*	503395 - 030*	3
F	E	D	C	B	A	EMBOSSSED TAPE	△ MATERIAL No.	CIRCUIT
						ORDER No.		

REVISED	EC NO: J2010-1373	2010/01/06	DFWNGKUKUI	2010/01/06	CHK'D: S. SATO	2010/01/07	APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
									10 UNDER	± 0.2	N. NISHI	2008/09/24	TITLE 1.5 W/B CONN. SINGLE SMT BOTTOM ENTRY REC. ASSY		
									10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE			
									30 OVER	± 0.3	APPROVED BY	DATE			
									ANGULAR ±1 °		S. ICHIKAWA 2008/09/24				
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-503395-001		SHEET NO. 1 OF 2
B	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



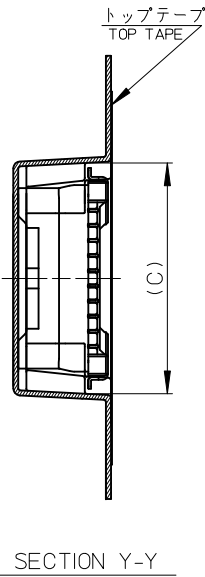
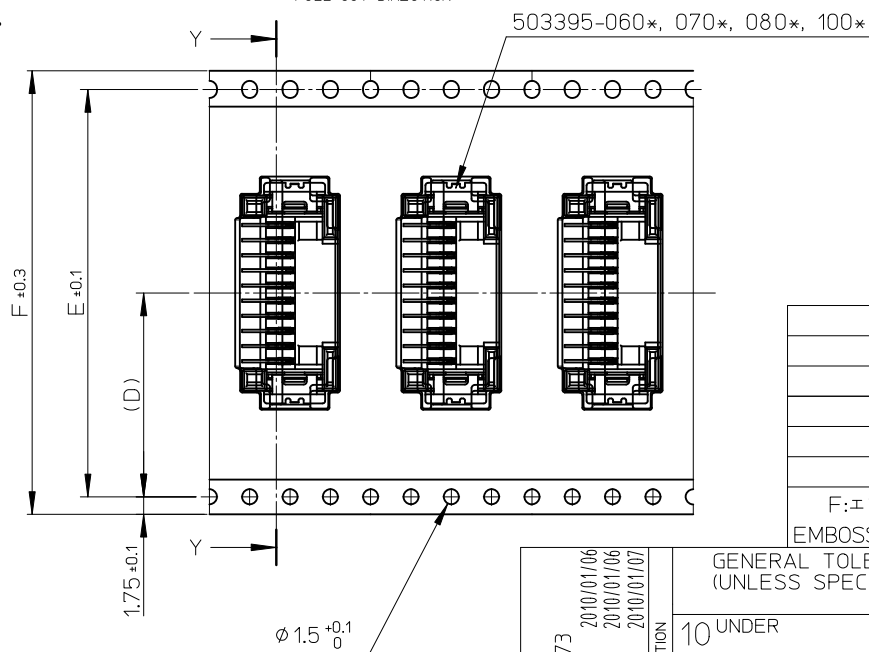
24mm幅エンボステープ

SCALE 2:1

引き出し方向
PULL OUT DIRECTION引き出し方向
PULL OUT DIRECTION

32, 44mm幅エンボステープ

SCALE 2:1

引き出し方向
PULL OUT DIRECTION

44	40.4	20.2	22.9	49.4	45.4	503395-101*	10
32	28.4	14.2	19.9	37.4	33.4	503395-081*	8
32	28.4	14.2	18.4	37.4	33.4	503395-071*	7
32	28.4	14.2	16.9	37.4	33.4	503395-061*	6
24	---	11.5	13.9	29.4	25.4	503395-041*	4
24	---	11.5	12.4	29.4	25.4	503395-031*	3
F:エンボステープ幅		E	(D)	(C)	B	A	
EMBOSS TAPE WIDTH							
						MATERIAL No.	CKT.
						MODEL No.	503395-**1*

REVISED
EC NO: J2010-1373
2010/01/06
DRWN:K.FUKUI
2010/01/06
CHKD:SA.SATO
2010/01/07
APPR:NUKITA

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE
MM ONLY

DRAWN BY T.KAKIMOTO DATE 2008/11/05
CHECKED BY S.MARUYAMA DATE 2008/11/05
APPROVED BY S.ICHIKAWA
MATERIAL NO. SEE SHEET 2

SCALE 2:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION

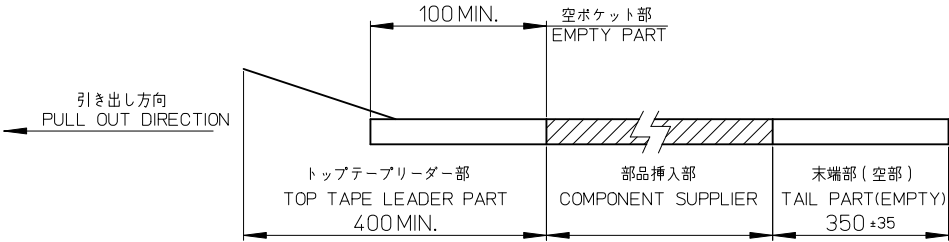
1.5 W/B CONN.
SINGLE SMT BOTTOM ENTRY
EMBOSS TAPE PACKAGE

MOLEX INCORPORATED

DOCUMENT NO. SD-503395-002
SHEET NO. 1 OF 2

NOTES

1. 製品詳細寸法については、製品単体図面（SD-503395-001）を参照下さい。
RE DETAILED DIMENSION, SEE SALES DRAWING.
2. 梱包数量：600 個／リール
NUMBER OF CONNECTORS：600 PCS/REEL.
3. リードテープ長さ
LEAD TAPE LENGTH.



4. 材料 MATERIAL
キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)
トップテープ (TOP TAPE) : PET, PE, PEF
リール(REEL) : ポリスチレン (PS) <リサイクル材含む>
POLYSTYRENE (PS)<RECYCLE MATERIAL CONTAINED>

5. ELV 及びRoHS 適合品
ELV AND RoHS COMPLIANT

6. 本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.
7. 色物製品についてはリフロー条件及び御使用基板との合性によっては色落ちする場合がありますので事前にご確認ください。
AS CONCERNS COLOR PRODUCT, THE CONNECTOR MIGHT FADE BECAUSE OF REFLOW CONDITION OR COMPATIBILITY WITH PCB USING.
PLEASE CHECK IT BEFORE USE.

緑 GREEN	青 BLUE	赤 RED	黒 BLACK	ベージュ BEIGE	色 COLOR	
503395-1016	503395-1014	503395-1012	503395-1011	503395-1010	10	503395-**1*
503395-0816	503395-0814	503395-0812	503395-0811	503395-0810	8	
503395-0716	503395-0714	503395-0712	503395-0711	503395-0710	7	
503395-0616	503395-0614	503395-0612	503395-0611	503395-0610	6	
503395-0416	503395-0414	503395-0412	503395-0411	503395-0410	4	
503395-0316	503395-0314	503395-0312	503395-0311	503395-0310	3	
MATERIAL NO.	MATERIAL NO.	MATERIAL NO.	MATERIAL NO.	MATERIAL NO.	CKT.	MODEL NO.

REVISED EC NO: J2010-4373 DRAWN:K.FUKUI CHKD:SA. SATO APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		2:1	METRIC			
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.5 W/B CONN. SINGLE SMT BOTTOM ENTRY EMBOSS TAPE PACKAGE				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	APPROVED BY	DATE	MOLEX INCORPORATED				
		ANGULAR ±1 °		S. ICHIKAWA	2008/11/05					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		SEE CHART		SD-503395-002		2 OF 2				
REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								