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Part Number: [5033950810](#)
Status: **Active**
Description: 1.50mm (.059") Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, SMT, Bottom Entry, 8 Circuits

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

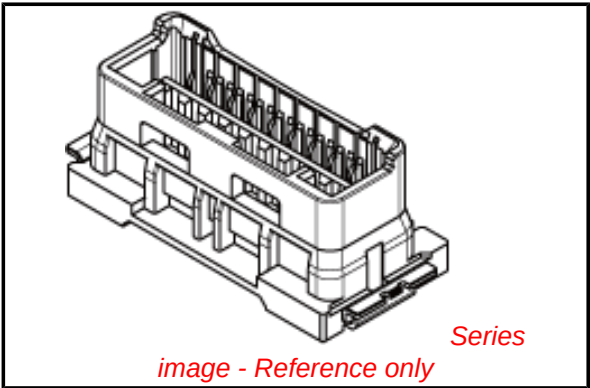
General
Product Family PCB Receptacles
Series [503395](#)
Application Wire-to-Board
Product Name CLIK-Mate™

Physical
Circuits (Loaded) 8
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

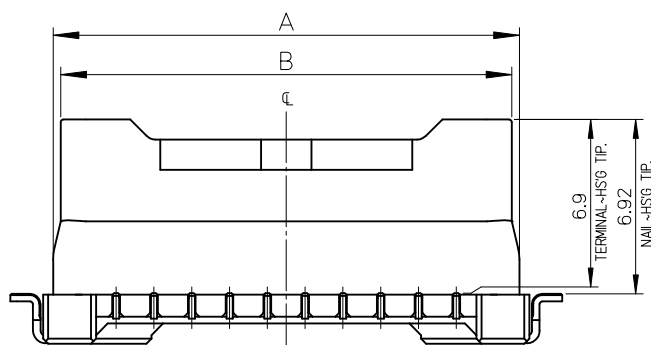


Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

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

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

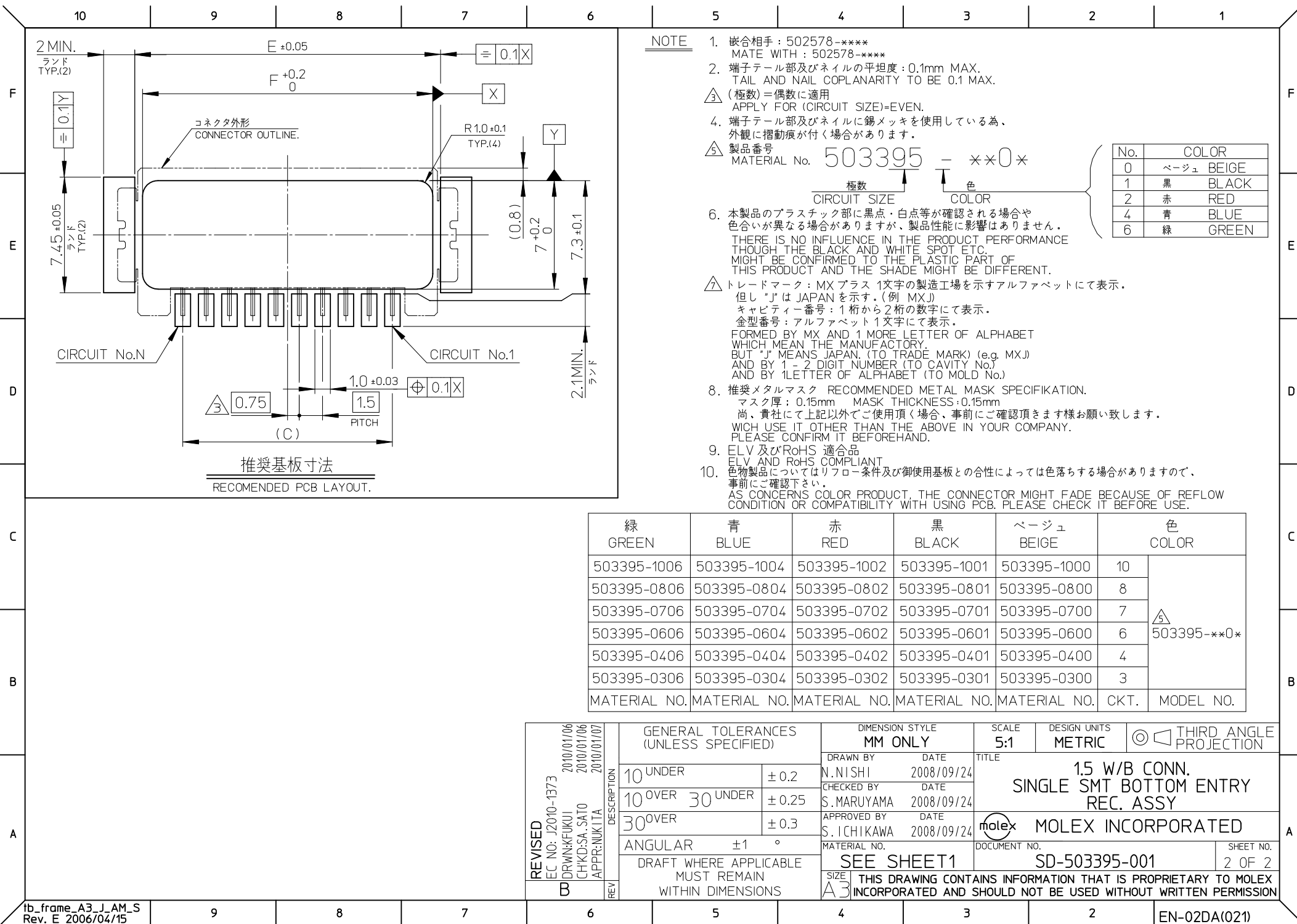
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No.	PART	MATERIAL
①	HOUSING	46 ナイロン (PA46)・UL94V-0. 色:注記 △ 参照 46NYLON(PA46), UL94V-0. COLOR : REFER TO NOTES △.
②	TERMINAL	銅合金 COPPER ALLOY 錫メッキ: 1.0μm 以上 TIN : 1.0 MICROMETER MINIMUM. ニッケルメッキ(下地): 1.0μm 以上 NICKEL (UNDER PLATING) : 1.0 MICROMETER MINIMUM.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

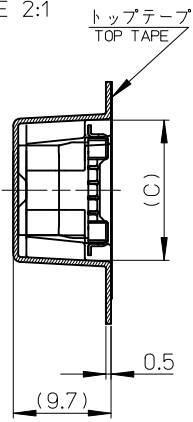
18.7	19.3	21.9	13.5	17.9	18.5	503395 - 101*	503395 - 100*	10
15.7	16.3	18.9	10.5	14.9	15.5	503395 - 081*	503395 - 080*	8
14.2	14.8	17.4	9	13.4	14	503395 - 071*	503395 - 070*	7
12.7	13.3	15.9	7.5	11.9	12.5	503395 - 061*	503395 - 060*	6
9.7	10.3	12.9	4.5	8.9	9.5	503395 - 041*	503395 - 040*	4
8.2	8.8	11.4	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	DFWNGKFUKUI	2010/01/06	CHK'D:S.A.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 °		MATERIAL NO.					
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503395-001		1 OF 2	
B	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														

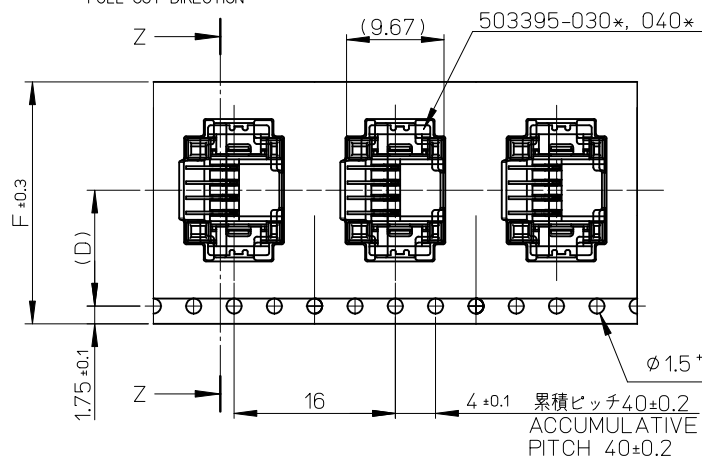
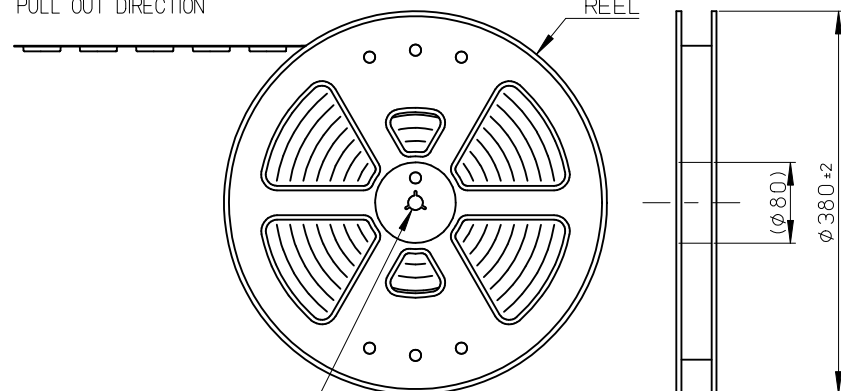


24mm幅エンボステープ

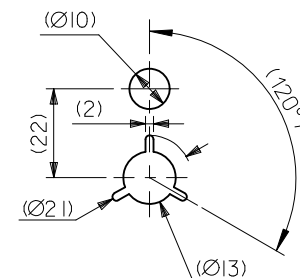
SCALE 2:1



SECTION Z-Z

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

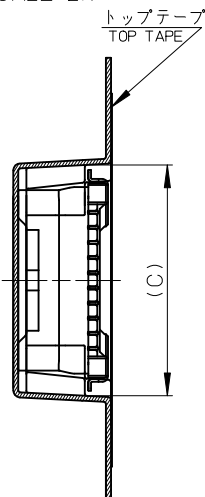
"X"



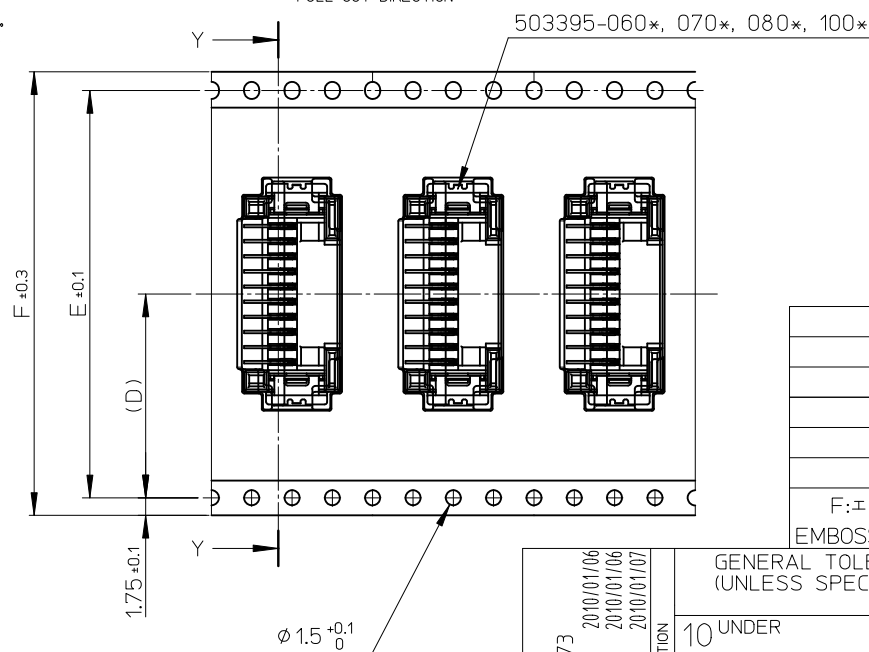
DETAIL "X"

32, 44mm幅エンボステープ

SCALE 2:1



SECTION Y-Y

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 EMBOSS TAPE WIDTH							CTK.
E	(D)	(C)	B	A	MATERIAL No. 503395-**1*		
					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 DATE

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

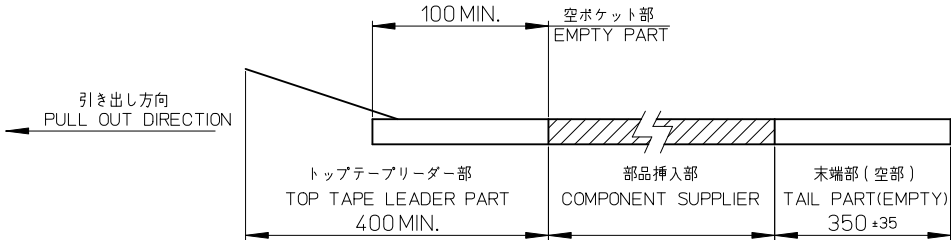
MOLEX INCORPORATED

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.

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		10 OVER 30 UNDER	±0.25	CHECKED BY S.MARUYAMA	DATE 2008/11/05					
		30 OVER	±0.3	APPROVED BY S. ICHIKAWA	DATE 2008/11/05	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503395-002		2 OF 2		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						