

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5010444010

Status:

Active

Description:

0.40mm (.016") Pitch Wire-to-Board PCB Receptacle, Right Angle, 40 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-501044-001 (PDF)

RoHS Certificate of Compliance (PDF)

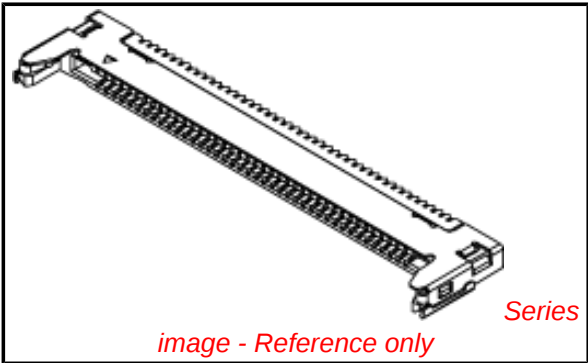
General	
Product Family	PCB Receptacles
Series	501044
Application	Wire-to-Board
Product Name	N/A
Physical	
Circuits (Loaded)	40
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-30°C to +75°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.2A
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-501044-001
Product Specification	PS-501044-001, RPS-501044-001, RPS-501044-002, RPS-501044-003, RPS-501044-007
Sales Drawing	SD-501044-001, SD-501044-002



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.

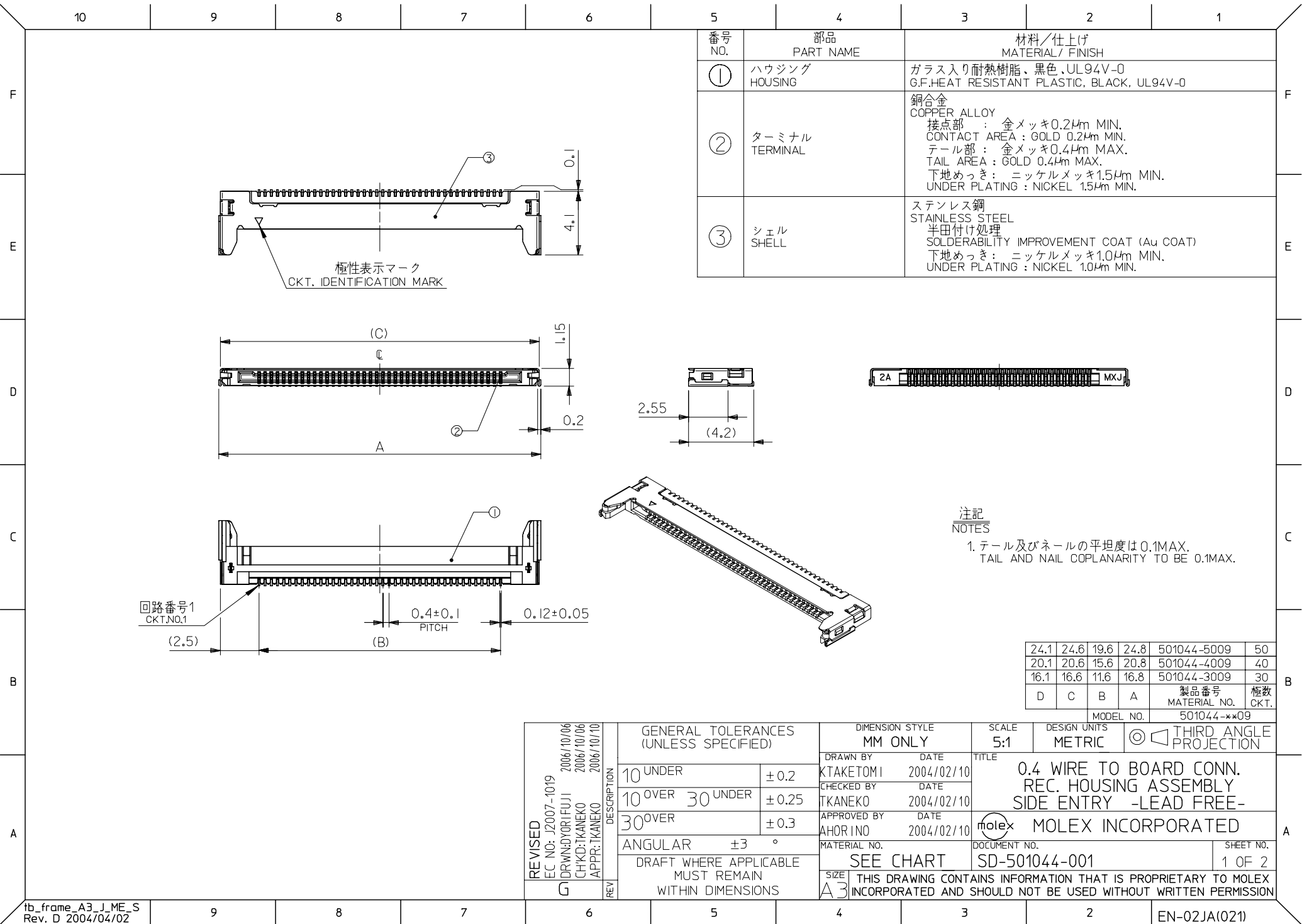
Search Parts in this Series

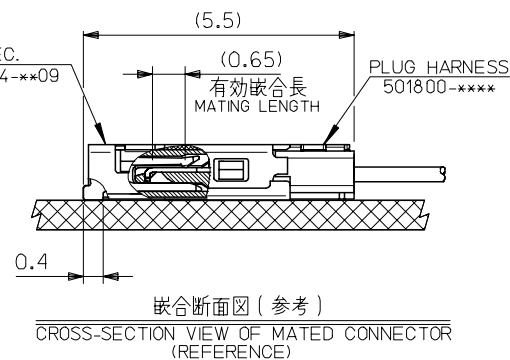
501044Series

Mates With

Contact Molex for mating plug harness details

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tb_frame_A3_J_ME_S
Rev. D 2004/04/02

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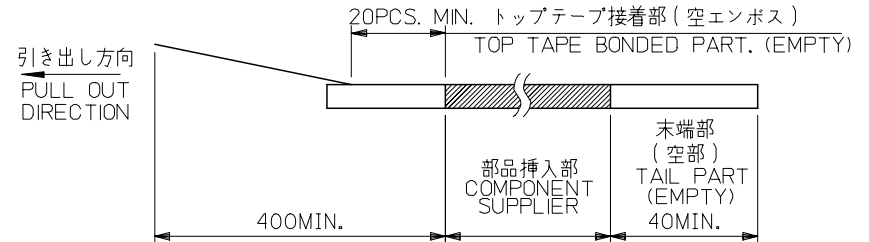
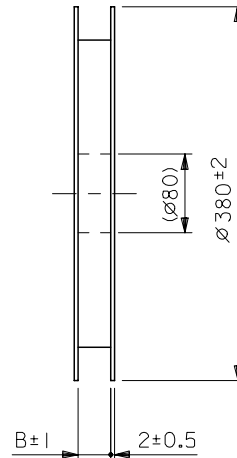
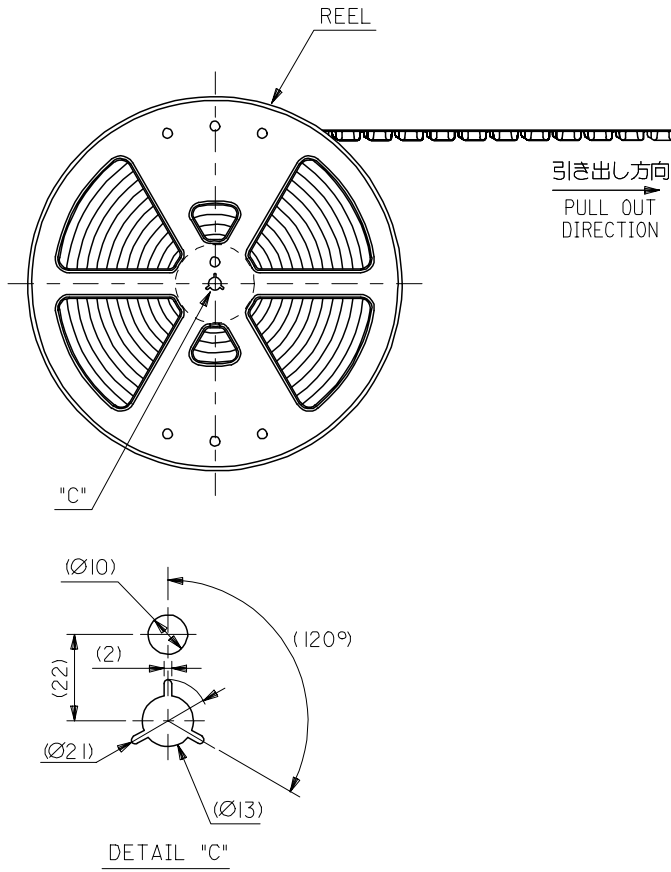
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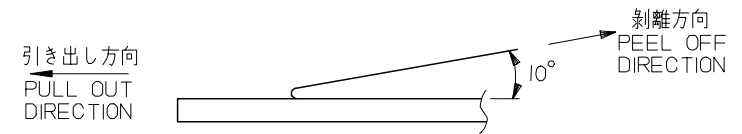
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注記 NOTES

- 製品詳細寸法については図面 SD-501044-001 を参照下さい。
RE DETAILED DIMENSION, SEE SD-501044-001
- 梱包数量: 3500 個/リール
NUMBER OF CONNECTORS: 3500PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



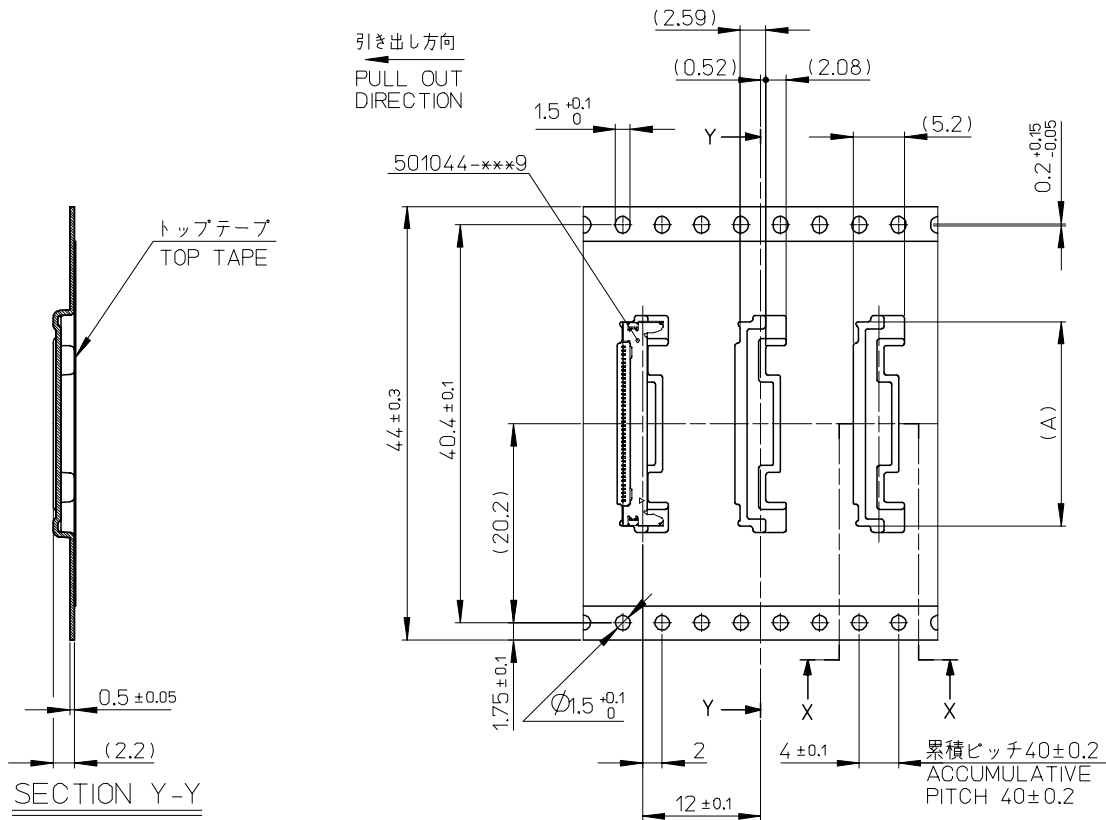
- トップテープの剥離強度: 0.1N~0.7N(10.2gf~71.4gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1N~0.7N(10.2gf~71.4gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTION.



- 材料 MATERIAL
キャリアテープ (CARRIER TAPE): ポリプロピレン(POLYPROPYLENE)
トップテープ (TOP TAPE): PET, PE, PEF
リール (REEL): ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

MODEL NO. 501044-xx10

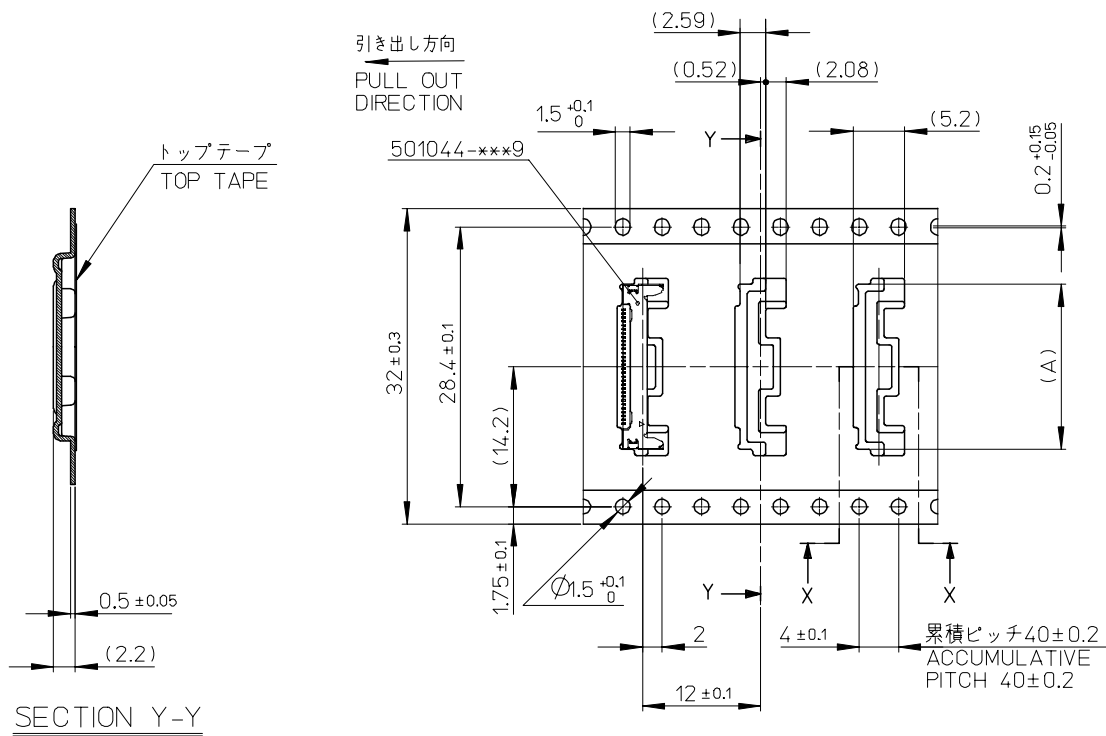
REVISED EC NO.: J2007-1508 DRWNG:YGRJFUJ1 CHKD:TKANEKO APPR:TKANEKO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY KTAKETOMI	DATE 2004/12/10	TITLE 0.4 W/B CONN. REC. HSG ASSY SIDE ENTRY EMBOSSD TAPE PACKAGE				
		10 OVER 30 UNDER	±0.25	CHECKED BY TKANEKO	DATE 2004/12/10					
		30 OVER	±0.3	APPROVED BY AHORINO	DATE 2004/12/10	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501044-002		1 OF 3		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	45.5	24.74	501044-5010	50
		20.74	501044-4010	40
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	製品番号 MATERIAL NO.	極数 CKT.
			MODEL NO.	501044-**10

REVISED EC NO.: J2007-4508 DRAWING: YR1FUJ1 CHK'D: TKANEKO APPR: TKANEKO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY KTAKETOMI	DATE 2004/12/10	TITLE 0.4 W/B CONN. REC. HSG ASSY SIDE ENTRY EMBOSSSED TAPE PACKAGE  MOLEX INCORPORATED		
		10 OVER 30 UNDER	± 0.25	CHECKED BY TKANEKO	DATE 2004/12/10			
		30 OVER	± 0.3	APPROVED BY AHORINO	DATE 2004/12/10			
		ANGULAR ±3 °		MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501044-002		2 OF 3	
	REV A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



32	33.5	16.74	501044-3010	30
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	製品番号 MATERIAL NO.	極数 CKT.

MODEL NO. 501044-***10

REVISED EC NO: J2007-1508 DWGNO:YR1FUJ1 CHKD:TKANEKO APPR:TKANEKO	DESCRIPTION 2006/11/27 2006/11/27 2006/11/27	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	FILE NO. 301044-002 	THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY KTAKETOMI	DATE 2004/12/10	TITLE 0.4 W/B CONN. REC. HSG ASSY SIDE ENTRY EMBOSSED TAPE PACKAGE			
		10 OVER 30 UNDER	± 0.25	CHECKED BY TKANEKO	DATE 2004/12/10				
		30 OVER	± 0.3	APPROVED BY AHORINO	DATE 2004/12/10				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501044-002		3 OF 3	
A	REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							