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Part Number: [5010443010](#)
Status: **Active**
Description: 0.40mm (.016") Pitch Wire-to-Board PCB Receptacle, Right Angle, 30 Circuits

Documents:

[3D Model](#) [Product Specification PS-501044-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Receptacles
Series [501044](#)
Application Wire-to-Board
Product Name N/A

Physical

Circuits (Loaded) 30
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

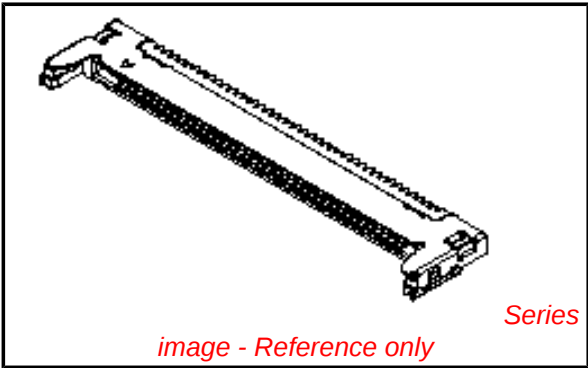
Electrical

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-501044-006, 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

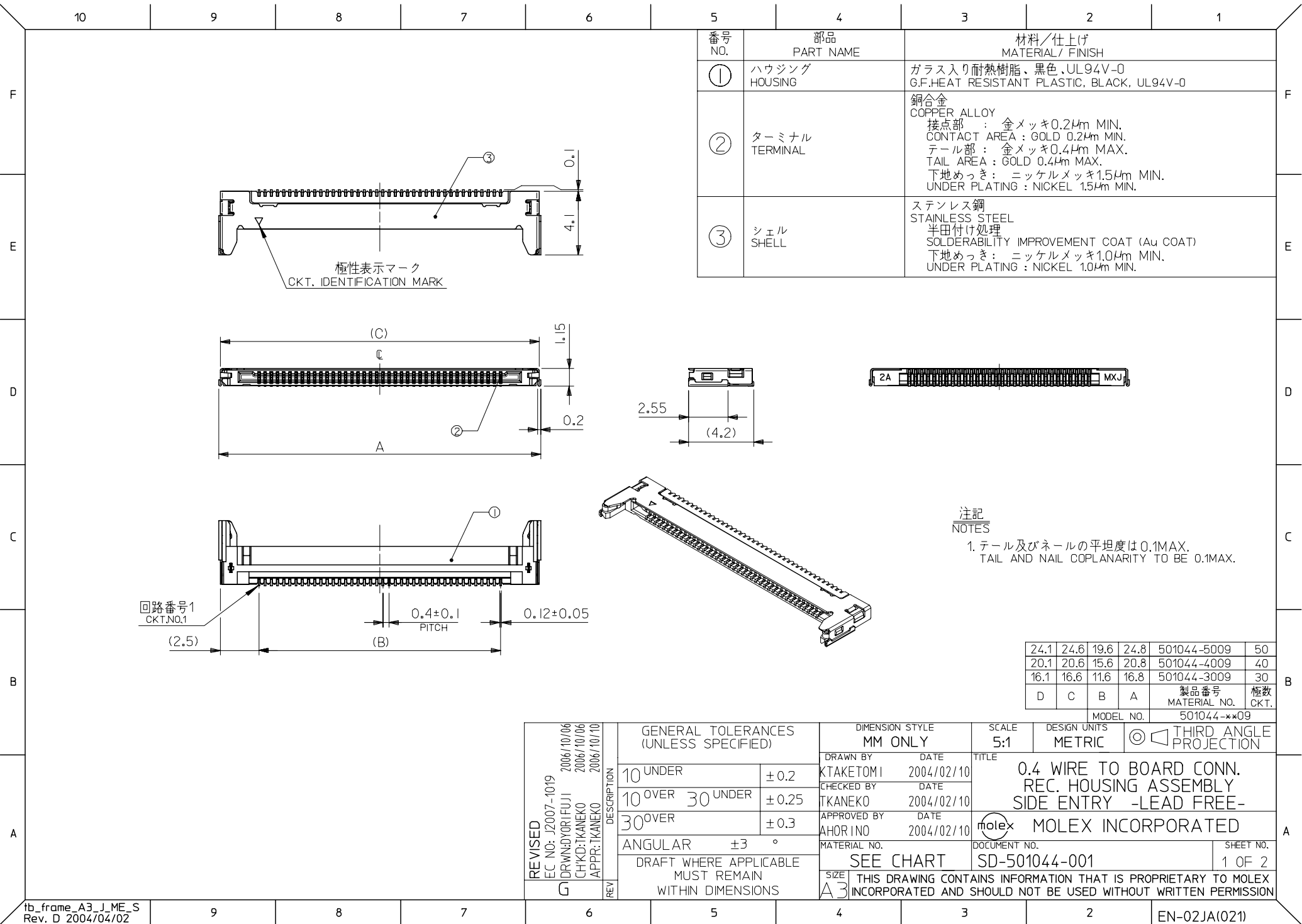
China RoHS

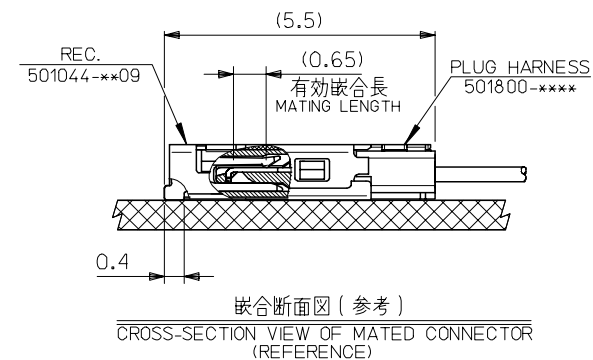


Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[501044Series](#)

Mates With
Contact Molex for mating plug harness details





tb_frame_A3_J_ME_S
Rev. D 2004/04/02

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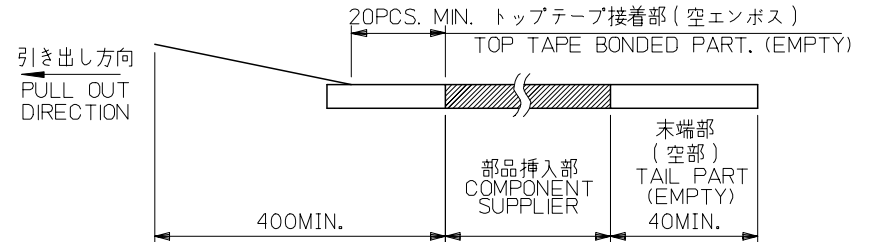
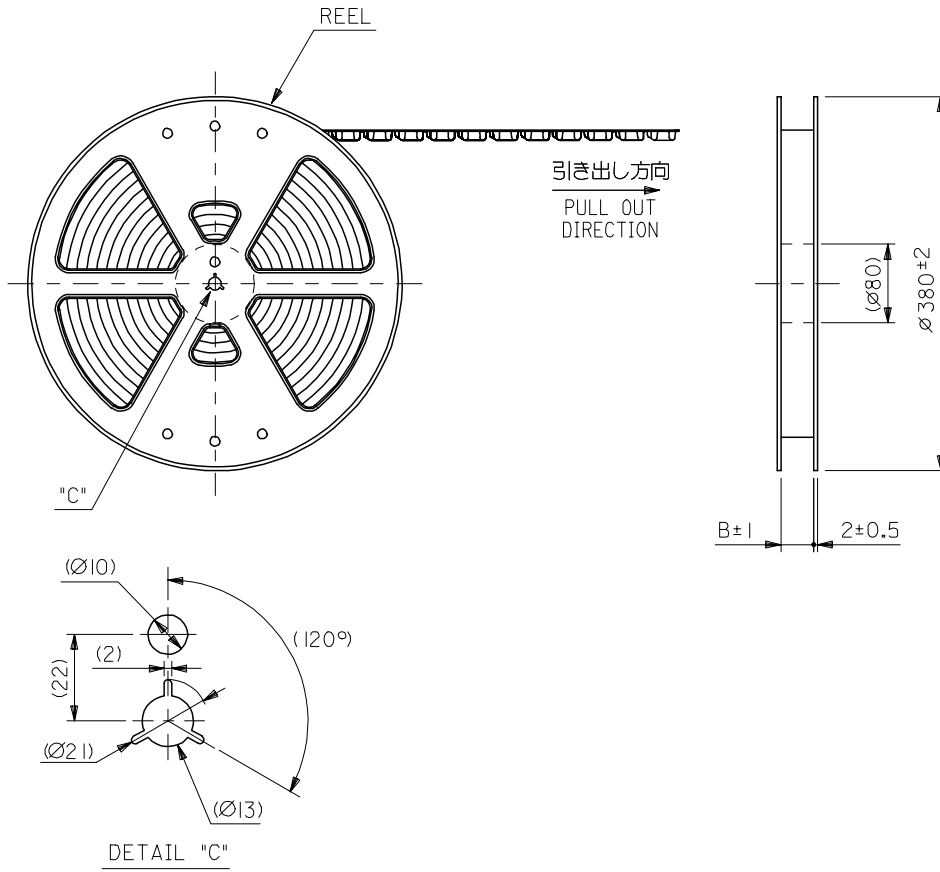
C

B

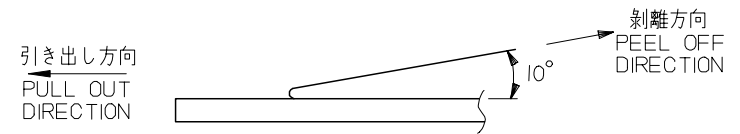
A

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



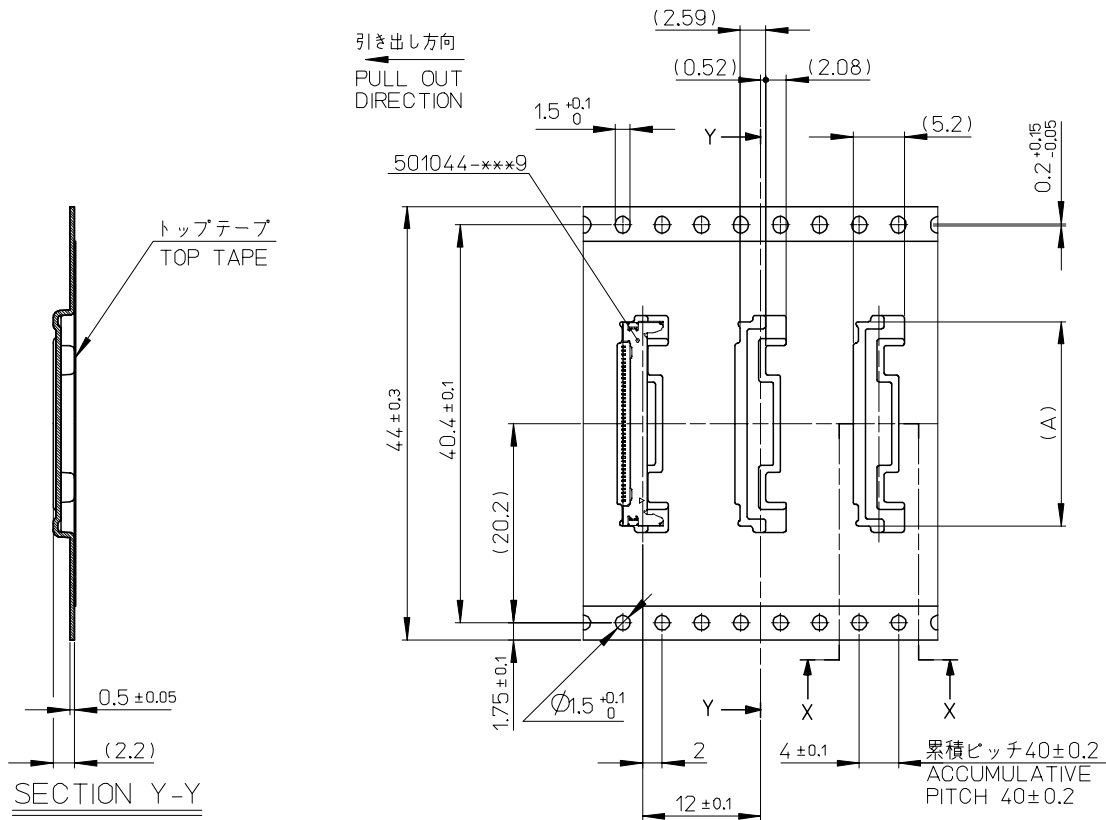
- トップテープの剥離強度: 0.1N~0.7N(10.2gf~71.4gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1N~0.7N(10.2gf~71.4gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTION.



- 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>

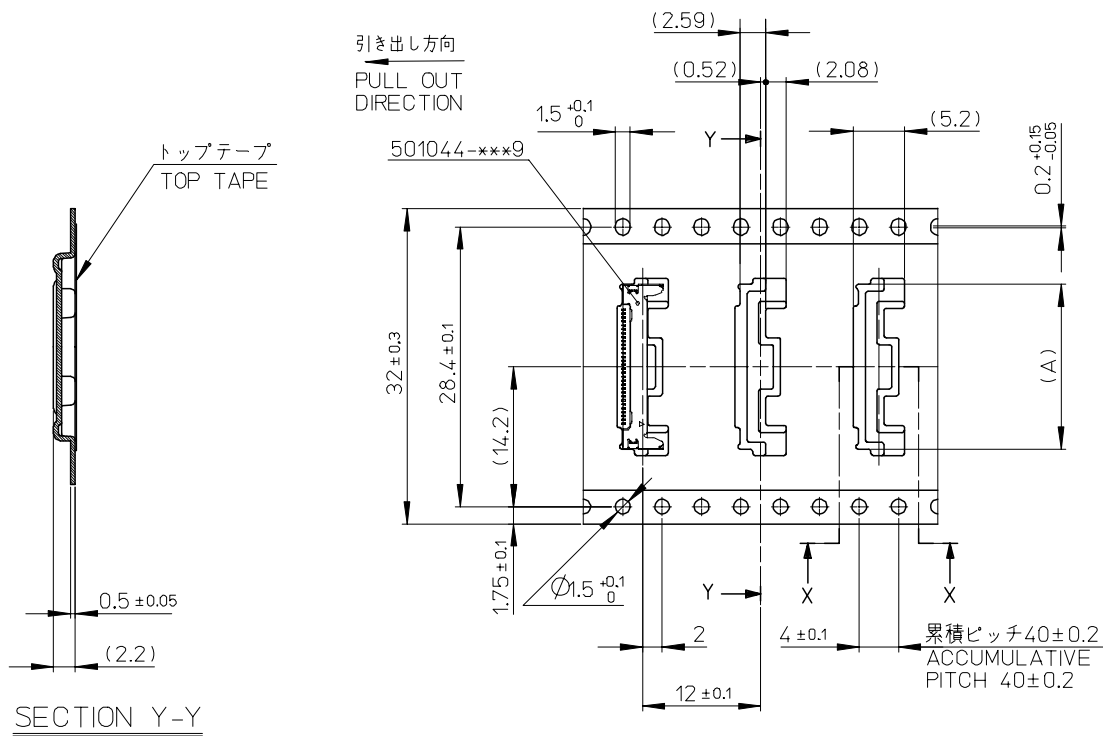
MODEL NO. 501044-**10

REVISED EC NO.: J2007-1508 DRAWN BY: RUFUJI 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 TKAKETOMI	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						



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: J2007-1508 DRWNG: YORIFUJI CHKD: KANEKO APPR: KANEKO A	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 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	MOLEX MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501044-002				2 OF 3	
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

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

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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