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Part Number:

0541044631

Status:

Active

Overview:

ffc_fpc_smt

Description:

0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 46 Circuits, Lead-free, 0.1µm (4µ") Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54104-071 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Overview

Product Name

FFC/FPC Connectors

54104

ffc_fpc_smt

N/A

Physical

Circuits (Loaded)

Color - Resin

Contact Position

Durability (mating cycles max)

Entry Angle

Flammability

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire/Cable Type

46

Natural

Top

20

90° Angle

94V-0

0.079 In

2.00 mm

Phosphor Bronze

Gold

Gold

High Temperature Thermoplastic

1

Right Angle

0.024 In

0.60 mm

No

Yes

Embossed Tape on Reel

0.020 In

0.50 mm

4

0.1

2

0.05

Yes

No

N/A

-20°C to +85°C

Surface Mount

FFC/FPC

Electrical

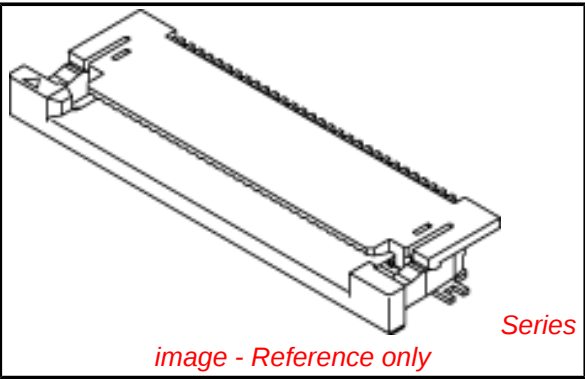
Current - Maximum per Contact

Voltage - Maximum

0.5A

50V

Material Info



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

54104Series

Reference - Drawing Numbers

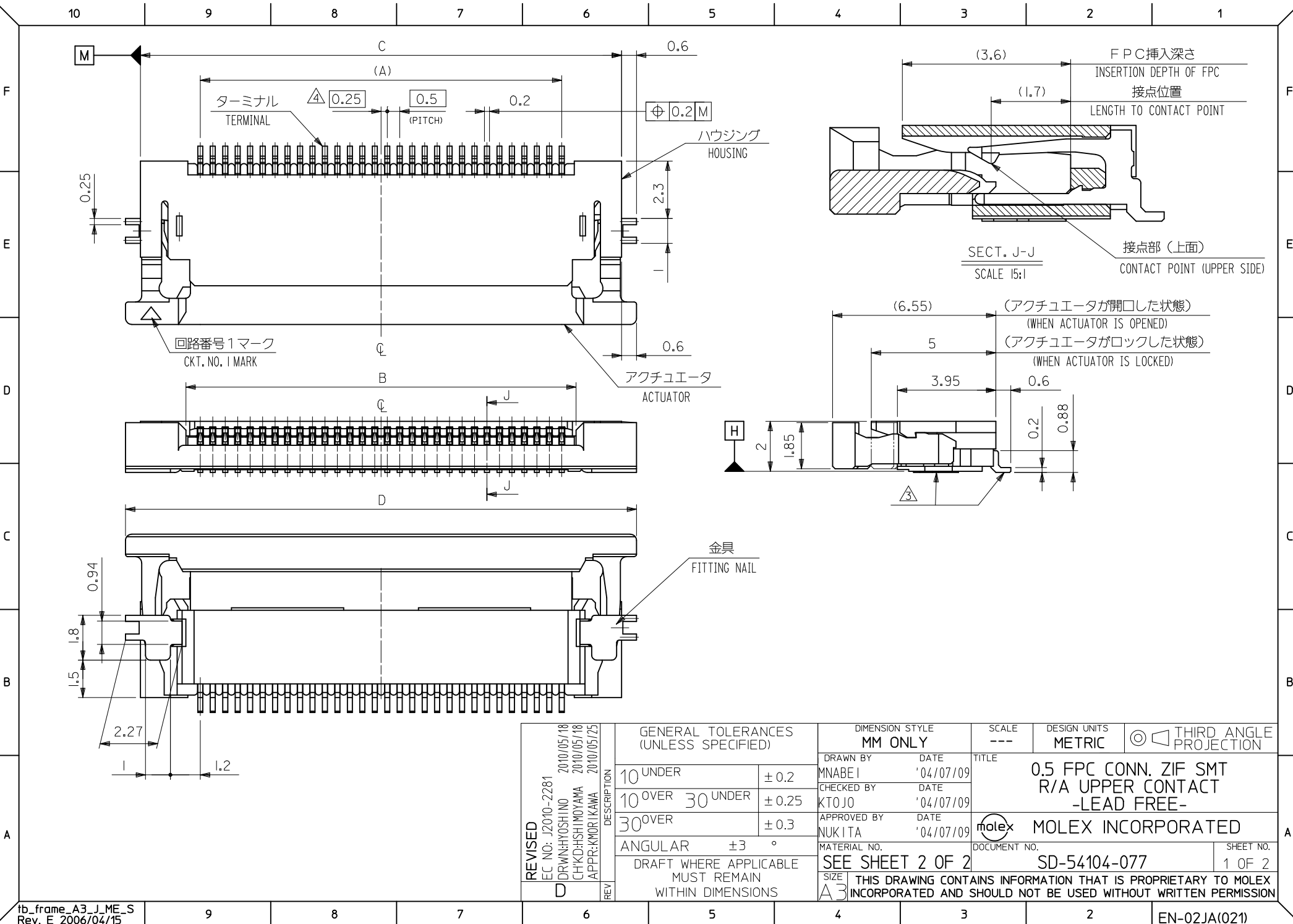
Packaging Specification
Product Specification

SPK-54104-001
PS-54104-071, RPS-54104-079, RPS-54104-081,
RPS-54104-082, RPS-54104-083, RPS-54104-084,
RPS-54104-086, RPS-54104-088, RPS-54104-089
SD-54104-077, SD-54104-078

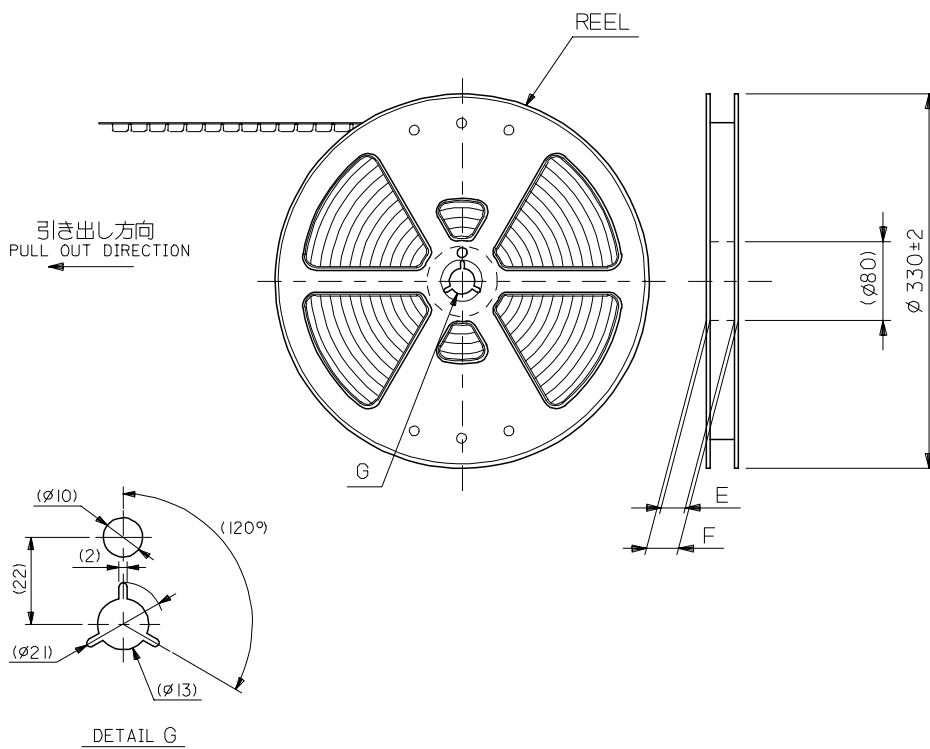
Sales Drawing

This document was generated on 06/07/2010

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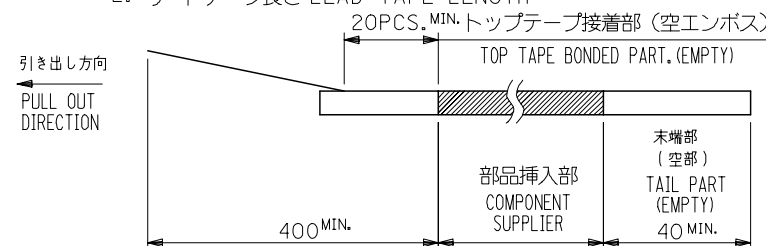


REVISED EC NO: J2010-2281 DRWN:HYOSHINO 2010/05/18 CHKD:SHIMIZUYAMA 2010/05/18 APPR:KMORI KAWA 2010/05/25 D	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/07/09	TITLE 0.5 FPC CONN. ZIF SMT R/A UPPER CONTACT -LEAD FREE-		
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/07/09			
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/07/09			
		ANGULAR ±3 °		MATERIAL NO. SEE SHEET 2 OF 2			DOCUMENT NO. SD-54104-077	
	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			
	REV	MOLEX INCORPORATED						



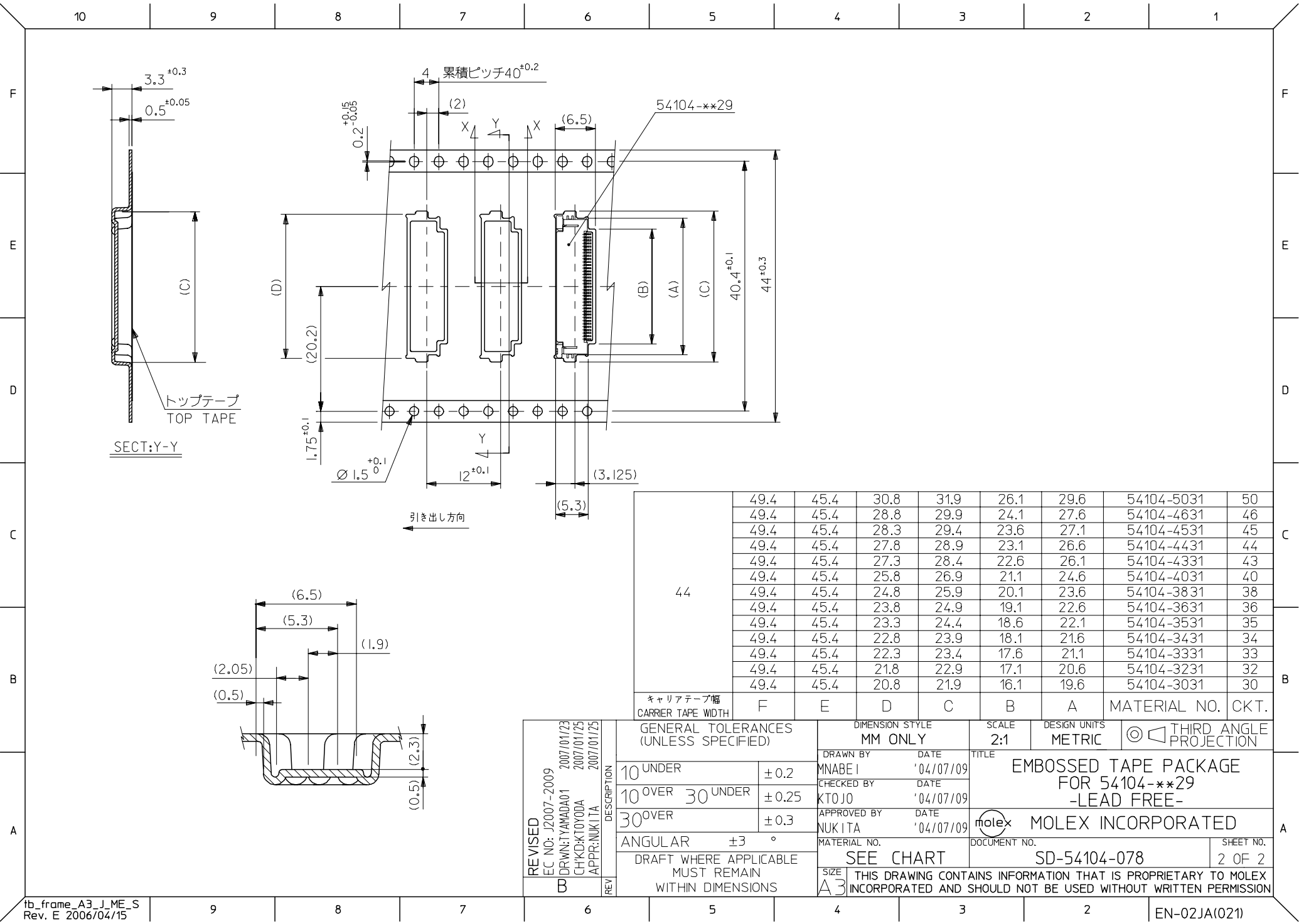
NOTES

1. 梱包数量：1500個／リール
NUMBER OF CONNECTORS : 1500PCS/REEL
2. リードテープ長さ LEAD TAPE LENGTH



3. 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 (TOPTAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (POLYSTYLENE)
4. 本製品は 54104-**-96 のターミナル部分金メッキ品である。

REVISED	EC NO: J2007-2009 DRAWN:TYAMADA01 CHKD:KATOYODA APPR:NUKITA	2007/01/23 2007/01/25 2007/01/25	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/07/09	TITLE EMBOSSD TAPE PACKAGE FOR 54104-**-29 -LEAD FREE-		
				10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/07/09			
				30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/07/09			
				ANGULAR ±3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 2			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART			SD-54104-078	
REV	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



44	49.4	45.4	30.8	31.9	26.1	29.6	54104-5031	50
	49.4	45.4	28.8	29.9	24.1	27.6	54104-4631	46
	49.4	45.4	28.3	29.4	23.6	27.1	54104-4531	45
	49.4	45.4	27.8	28.9	23.1	26.6	54104-4431	44
	49.4	45.4	27.3	28.4	22.6	26.1	54104-4331	43
	49.4	45.4	25.8	26.9	21.1	24.6	54104-4031	40
	49.4	45.4	24.8	25.9	20.1	23.6	54104-3831	38
	49.4	45.4	23.8	24.9	19.1	22.6	54104-3631	36
	49.4	45.4	23.3	24.4	18.6	22.1	54104-3531	35
	49.4	45.4	22.8	23.9	18.1	21.6	54104-3431	34
	49.4	45.4	22.3	23.4	17.6	21.1	54104-3331	33
	49.4	45.4	21.8	22.9	17.1	20.6	54104-3231	32
キャリアテープ幅 CARRIER TAPE WIDTH	49.4	45.4	20.8	21.9	16.1	19.6	54104-3031	30
	F	E	D	C	B	A	MATERIAL NO.	CKT.

REVISED EC NO: J2007-2009 DRWN:TYAMADA01 CHKD:KTOYODA APPR:NUKITA B	2007/01/23 2007/01/25 2007/01/25	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER	±0.2	DRAWN BY MNABEI	DATE '04/07/09	TITLE EMBOSSD TAPE PACKAGE FOR 54104-**-29 -LEAD FREE-				
			10 OVER 30 UNDER	±0.25	CHECKED BY KTOJO	DATE '04/07/09					
			30 OVER	±0.3	APPROVED BY NUKITA	DATE '04/07/09	MOLEX INCORPORATED				
			ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54104-078		2 OF 2		
					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					