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Part Number:

0541043031

Status:

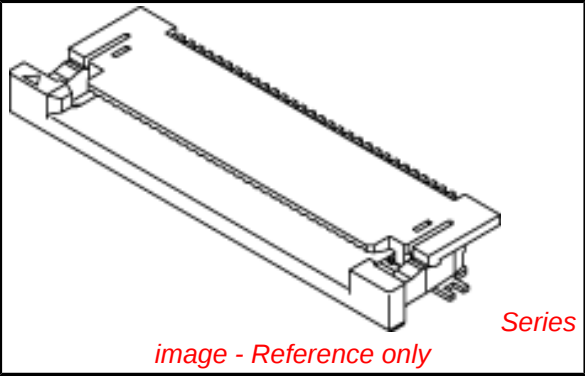
Active

Overview:

ffc_fpc_smt

Description:

0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 30 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	FFC/FPC Connectors
Series	54104
Overview	ffc_fpc_smt
Product Name	N/A
Physical	
Circuits (Loaded)	30
Color - Resin	Natural
Contact Position	Top
Durability (mating cycles max)	20
Entry Angle	90° Angle
Flammability	94V-0
Mated Height (in)	0.079 In
Mated Height (mm)	2.00 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.024 In
PC Tail Length (mm)	0.60 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Plating min: Mating (µin)	4
Plating min: Mating (µm)	0.1
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Material Info

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Halogen-Free

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.

China RoHS



Search Parts in this Series

54104Series

Reference - Drawing Numbers

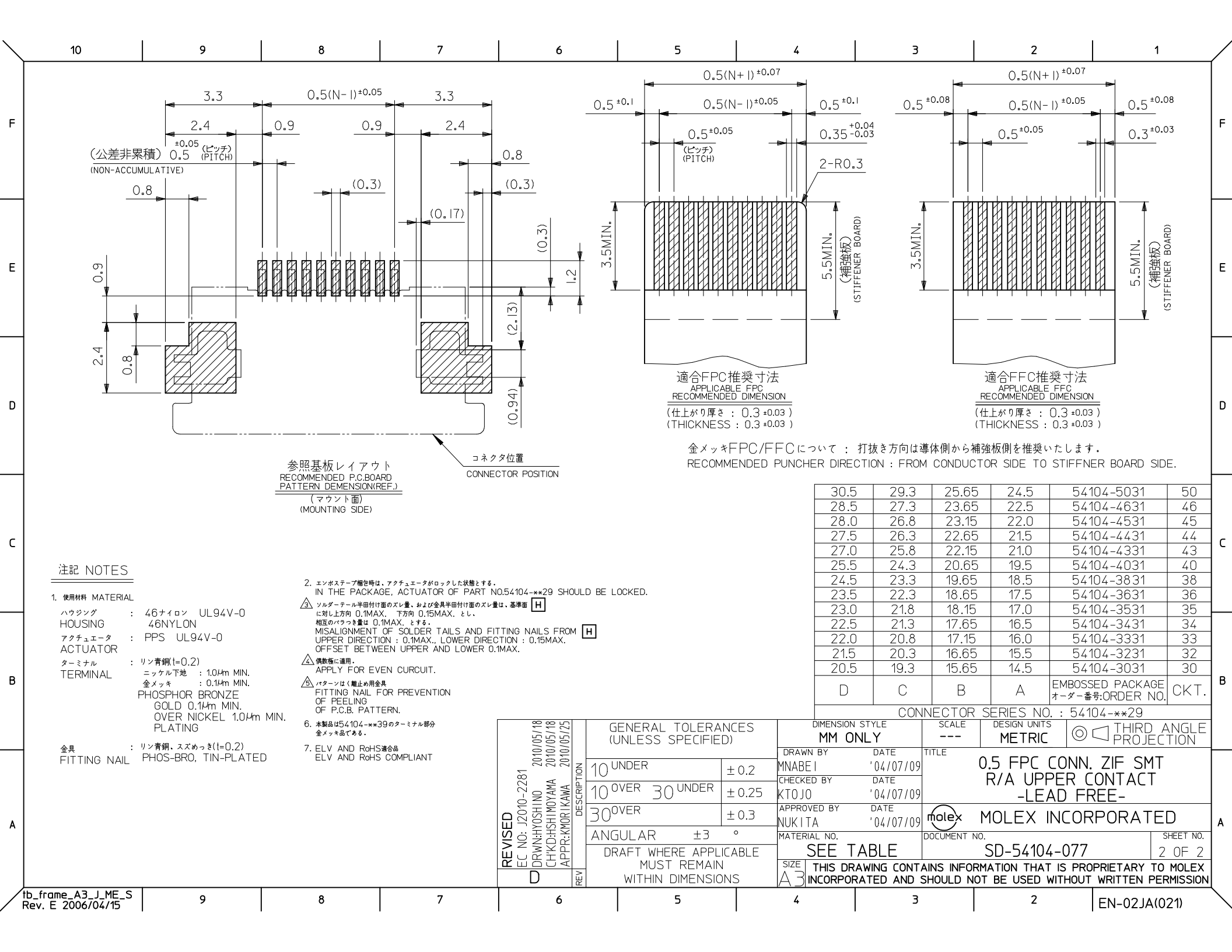
Packaging Specification
Product Specification

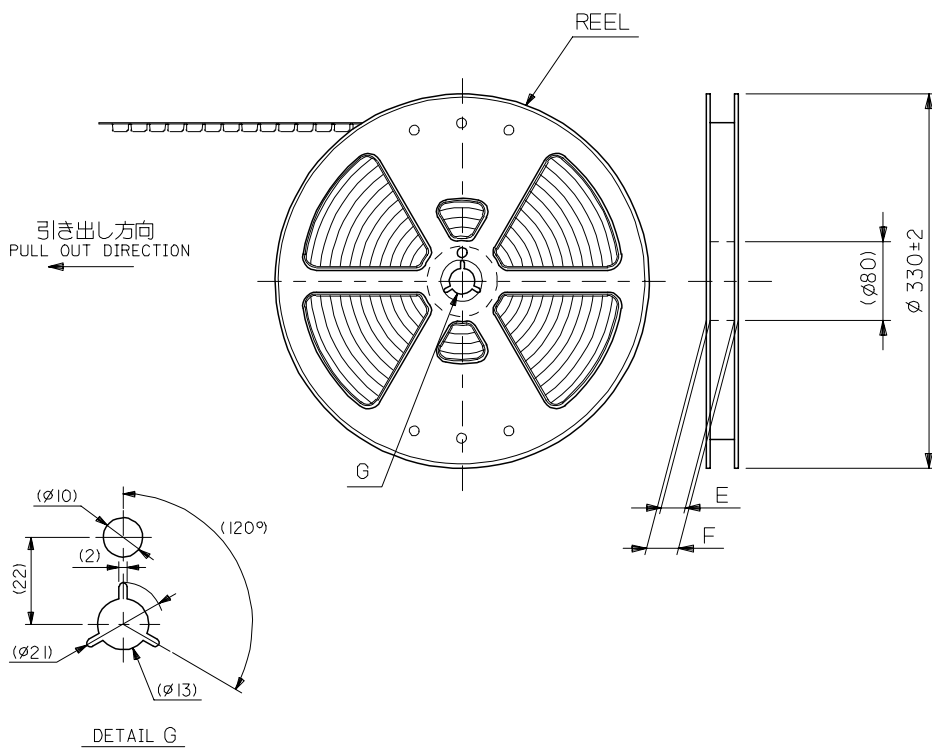
SPK-54104-001
PS-54104-071, RPS-54104-077, RPS-54104-079,
RPS-54104-081, RPS-54104-082, RPS-54104-083,
RPS-54104-084, RPS-54104-086, RPS-54104-088,
RPS-54104-089
SD-54104-077, SD-54104-078

Sales Drawing

This document was generated on 06/07/2010

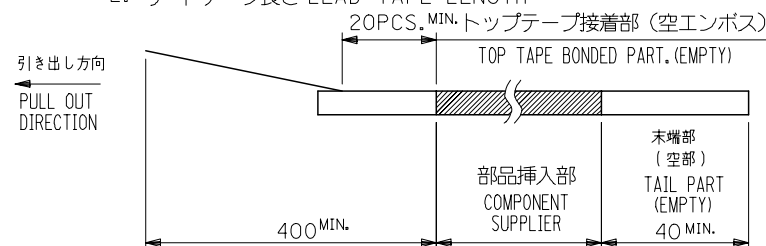
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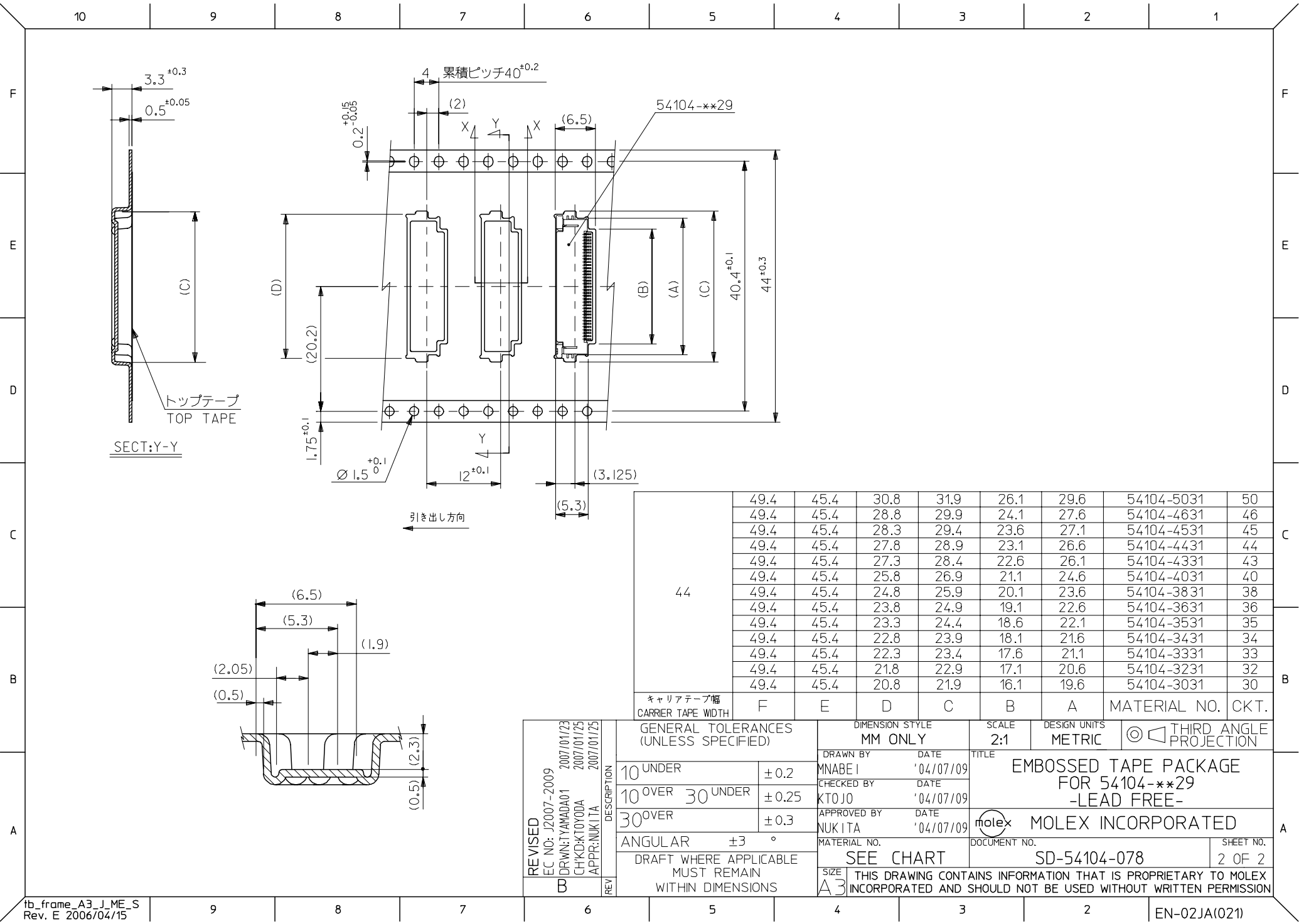
NOTES

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



- 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)
- 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 EMBOSSSED 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
キャリアテープ幅 CARRIER TAPE WIDTH	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
	49.4	45.4	20.8	21.9	16.1	19.6	54104-3031	30
	F	E	D	C	B	A	MATERIAL NO.	CKT.

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		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54104-078		2 OF 2		
B	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					