

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0545500671

Status:

Active

Overview:

ffc_fpc_smt

Description:

0.50mm (.020") Pitch FFC/FPC Connector, 1.20mm (.047") Height, Right Angle, SMT, ZIF, Top Contact Style, 6 Circuits, Gold (Au) Contact Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54550-012 (PDF)

RoHS Certificate of Compliance (PDF)

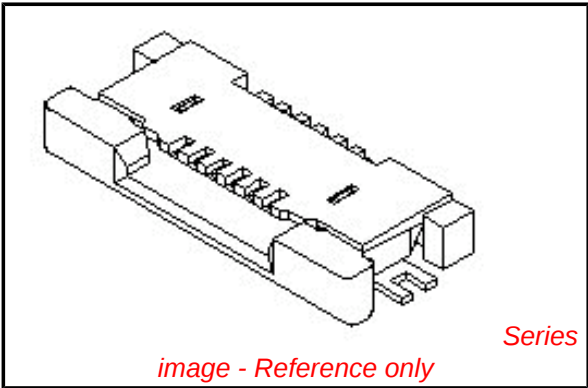
General	
Product Family	FFC/FPC Connectors
Series	54550
Overview	ffc_fpc_smt
Product Name	N/A
Physical	
Circuits (Loaded)	6
Contact Position	Top
Durability (mating cycles max)	20
Entry Angle	90° Angle
Mated Height (in)	0.047 In
Mated Height (mm)	1.20 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
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
Polarized to PCB	Yes
Stackable	No
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

Reference - Drawing Numbers

Packaging Specification	SPK-54550-056
Product Specification	PS-54550-012, RPS-54550-078, RPS-54550-080, RPS-54550-083, RPS-54550-085, RPS-54550-088, RPS-54550-089, RPS-54550-090, RPS-54550-092
Sales Drawing	SD-54550-042, SD-54550-043



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

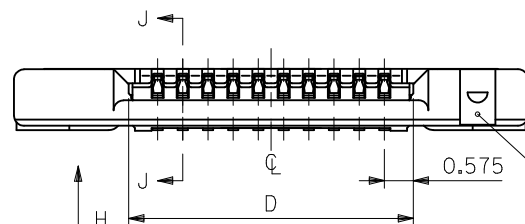
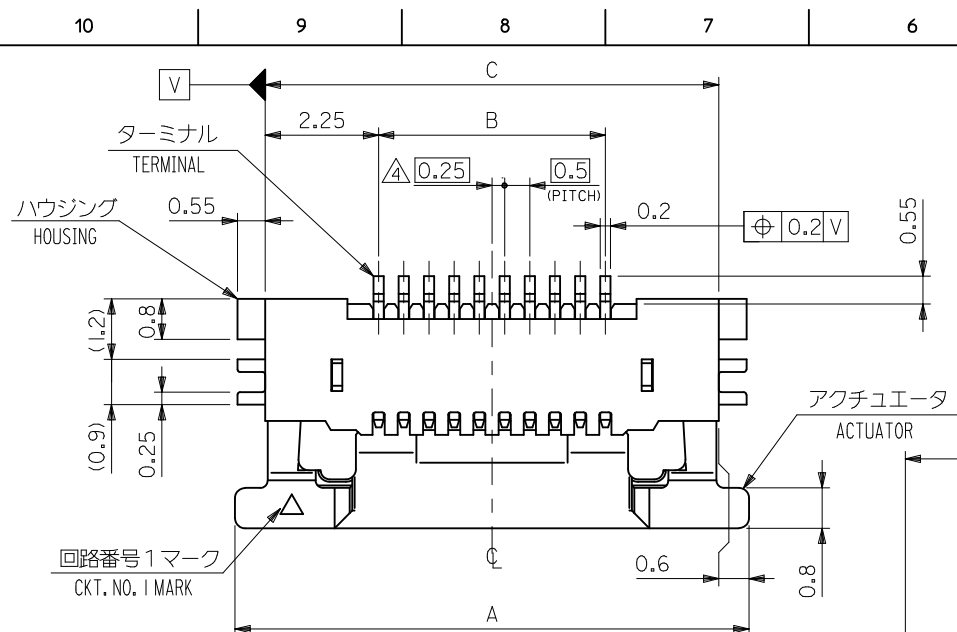
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

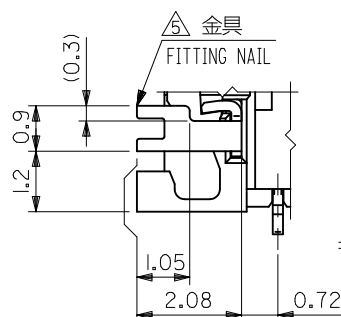
Search Parts in this Series

54550Series

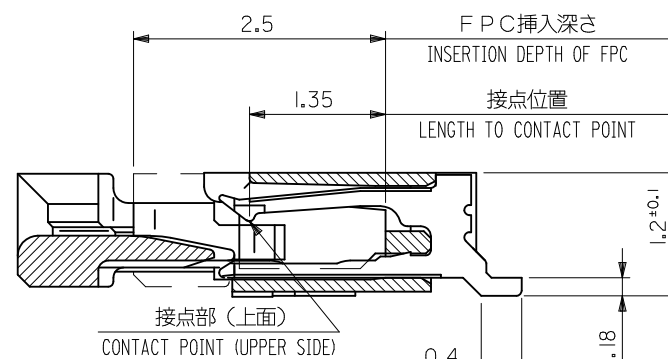
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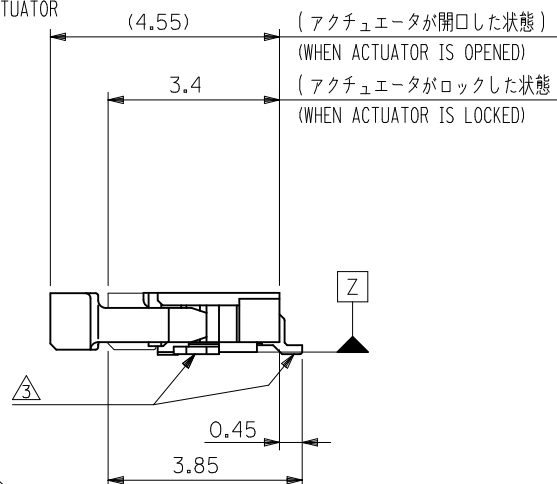
△6 ゲート部
GATE PART



VIEW H



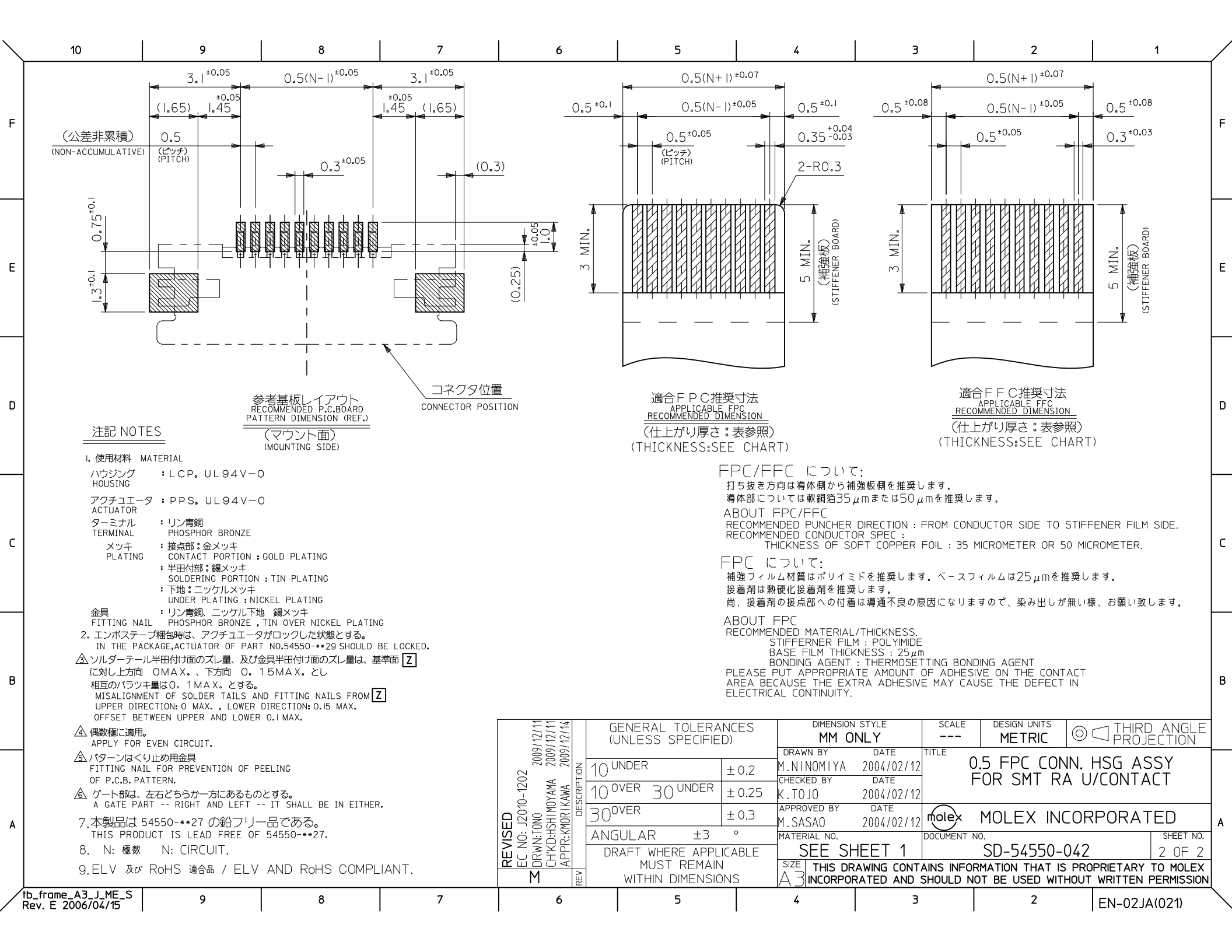
SECT. J-J
SCALE 20:1



0.3 ^{+0.03}	13.65	17	12.5	18.2	54550-2671	26
	12.65	16	11.5	17.2	54550-2471	24
	11.65	15	10.5	16.2	54550-2271	22
	11.15	14.5	10	15.7	54550-2171	21
	10.65	14	9.5	15.2	54550-2071	20
	10.15	13.5	9	14.7	54550-1971	19
	9.65	13	8.5	14.2	54550-1871	18
	9.15	12.5	8	13.7	54550-1771	17
	8.65	12	7.5	13.2	54550-1671	16
	7.65	11	6.5	12.2	54550-1471	14
	7.15	10.5	6	11.7	54550-1371	13
	6.65	10	5.5	11.2	54550-1271	12
	6.15	9.5	5	10.7	54550-1171	11
	5.65	9	4.5	10.2	54550-1071	10
	5.15	8.5	4	9.7	54550-0971	9
	4.65	8	3.5	9.2	54550-0871	8
	4.15	7.5	3	8.7	54550-0771	7
	3.65	7	2.5	8.2	54550-0671	6
3.15	6.5	2	7.7	54550-0571	5	
2.65	6	1.5	7.2	54550-0471	4	
THICKNESS OF FPC	D	C	B	A	EMBOSSED TAPE	極数
					ORDER No. オーダー番号	Ck+

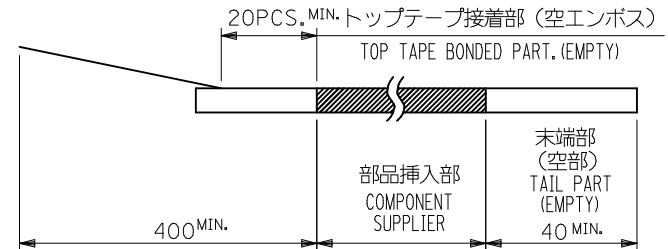
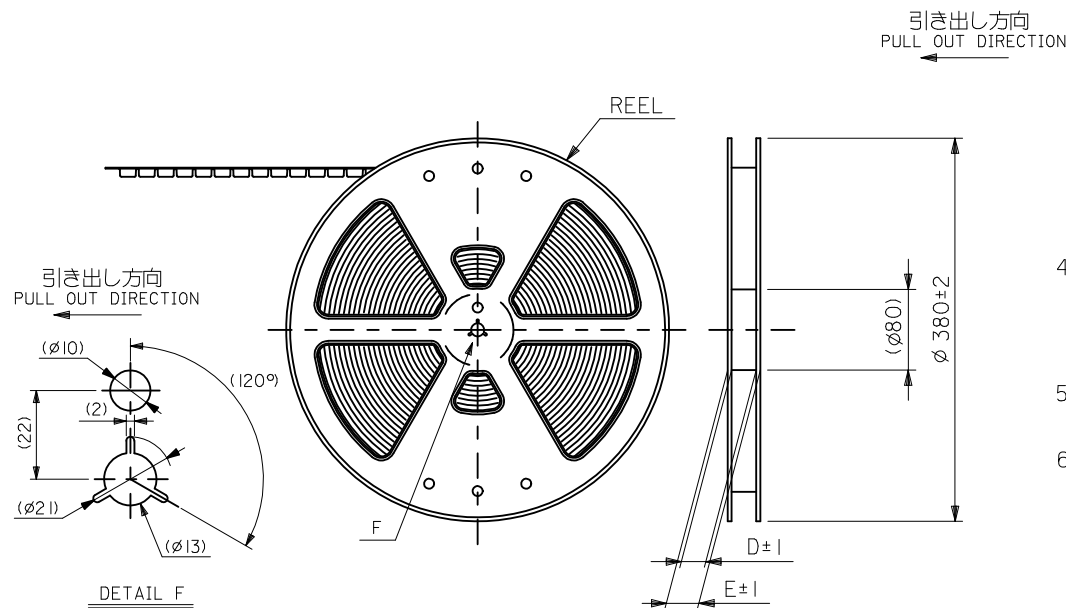
CONNECTOR SERIES NO. 54550-**-29

REVISED EC NO: J2010-1202 DFWN: TONO CHKD: ISHIMOTO APPR: KIMORI KAWA	DESCRIPTION 2009/12/11 2009/12/11 2009/12/14	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	CONNECTION SERIES NO. 34550-4*29		THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY M. NINOMIYA	DATE 2004/02/12	TITLE 0.5 FPC CONN. HSG ASSY FOR SMT RA U/CONTACT				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/02/12					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/02/12	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54550-042		1 OF 2			
M	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



NOTES

- 製品詳細寸法については図面 SD-54550-042 を参照下さい。
RE DETAILED DIMENSION, SEE SD-54550-042.
- 梱包数量：3000個/リール
NUMBER OF CONNECTORS : 3000PCS/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 (P.S) <リサイクル材を含む>
POLYSTYRENE (P.S) <RECYCLE MATERIAL CONTAINED>
- 本製品は 54550-**9I の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54550-**9I.
- ELV 及び RoHS 適合品 / ELV AND RoHS COMPLIANT.

REVISED EC NO: J2010-1202 DRWN: TONO 2009/12/11 CHKD: HSHIMIZUYAMA 2009/12/11 APPR: KMORI KAWA 2009/12/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY M. NINOMIYA	DATE 2004/02/12	TITLE EMBSTP PKG FOR 0.5 FPC CONN ZIF UPR CONT		
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/02/12			
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/02/12	 MOLEX INCORPORATED		
		ANGULAR ±3 °		MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1 OR 2		SD-54550-043		1 OF 3	
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

F

E

D

C

B

A

F

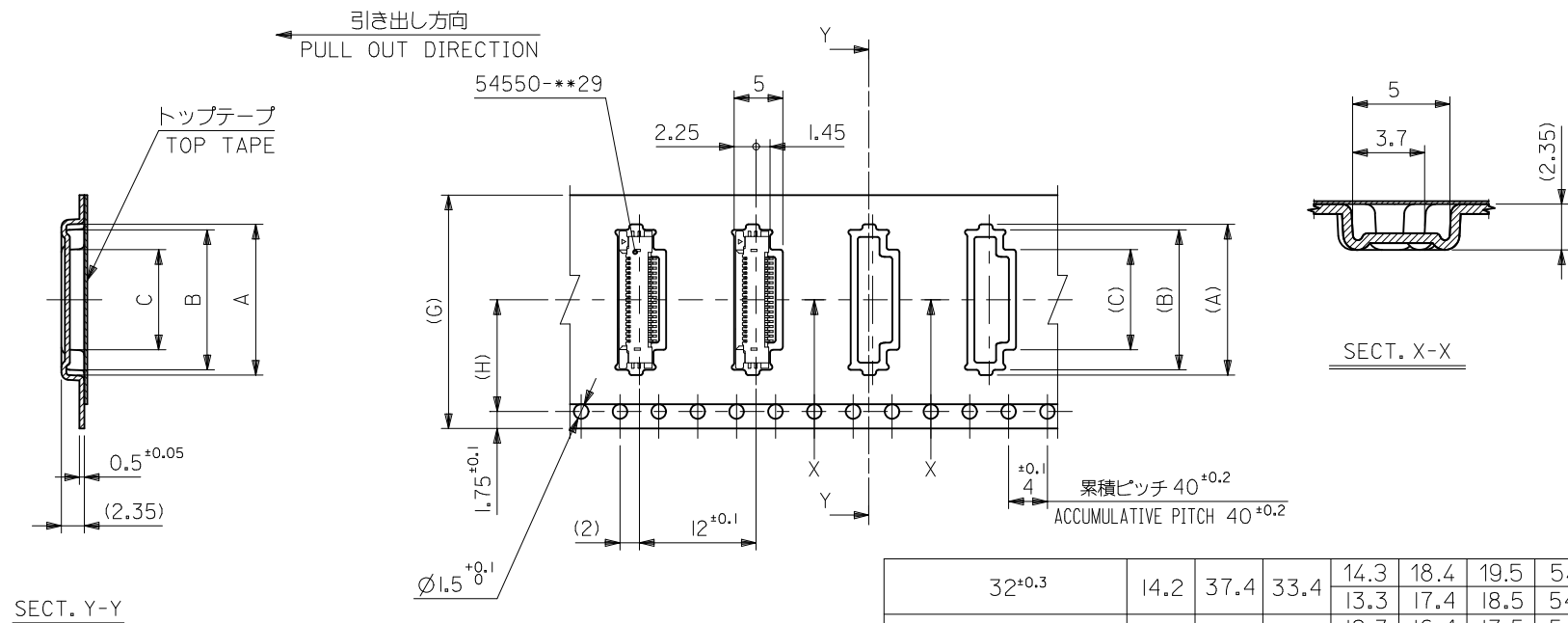
E

D

C

B

A



32 ^{+0.3}	14.2	37.4	33.4	14.3	18.4	19.5	54550-2671	26
				13.3	17.4	18.5	54550-2471	24
24 ^{+0.3}	11.5	29.4	25.4	12.3	16.4	17.5	54550-2271	22
				11.8	15.9	17	54550-2171	21
				11.3	15.4	16.5	54550-2071	20
				10.8	14.9	16	54550-1971	19
				10.3	14.4	15.5	54550-1871	18
				9.8	13.9	15	54550-1771	17
				9.3	13.4	14.5	54550-1671	16
				8.3	12.4	13.5	54550-1471	14
				7.8	11.9	13	54550-1371	13
				7.3	11.4	12.5	54550-1271	12
				6.8	10.9	12	54550-1171	11
				6.3	10.4	11.5	54550-1071	10
				5.8	9.9	11	54550-0971	9
				5.3	9.4	10.5	54550-0871	8
	4.8	8.9	10	54550-0771	7			
G キャリアテープ幅 CARRIER TAPE WIDTH	H	E	D	(C)	(B)	(A)	製品番号 MATERIAL No.	極数 Ck+

REVISED

EC NO: J2010-1202

DRWN: TONO

CHKD: SHIMOMIYAMA

APPR: KMORI KAWA

2009/12/11

2009/12/11

2009/12/14

DESCRIPTION

10 UNDER ±0.2

10 OVER 30 UNDER ±0.25

30 OVER ±0.3

ANGULAR ±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION STYLE MM ONLY

DRAWN BY M. NINOMIYA

CHECKED BY K. TOJO

APPROVED BY M. SASAO

MATERIAL NO.

DATE 2004/02/12

DATE 2004/02/12

DATE 2004/02/12

SEE TABLE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE ---

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

EMBSTP PKG FOR 0.5 FPC CONN ZIF UPR CONT

MOLEX INCORPORATED

SD-54550-043

3 OF 3



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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