



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



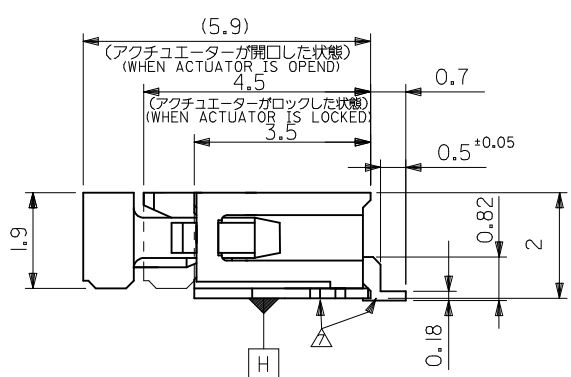
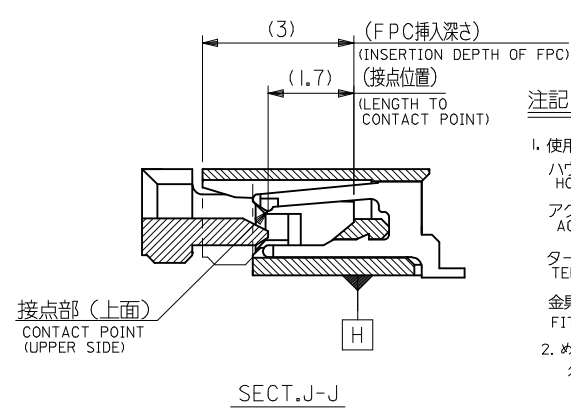
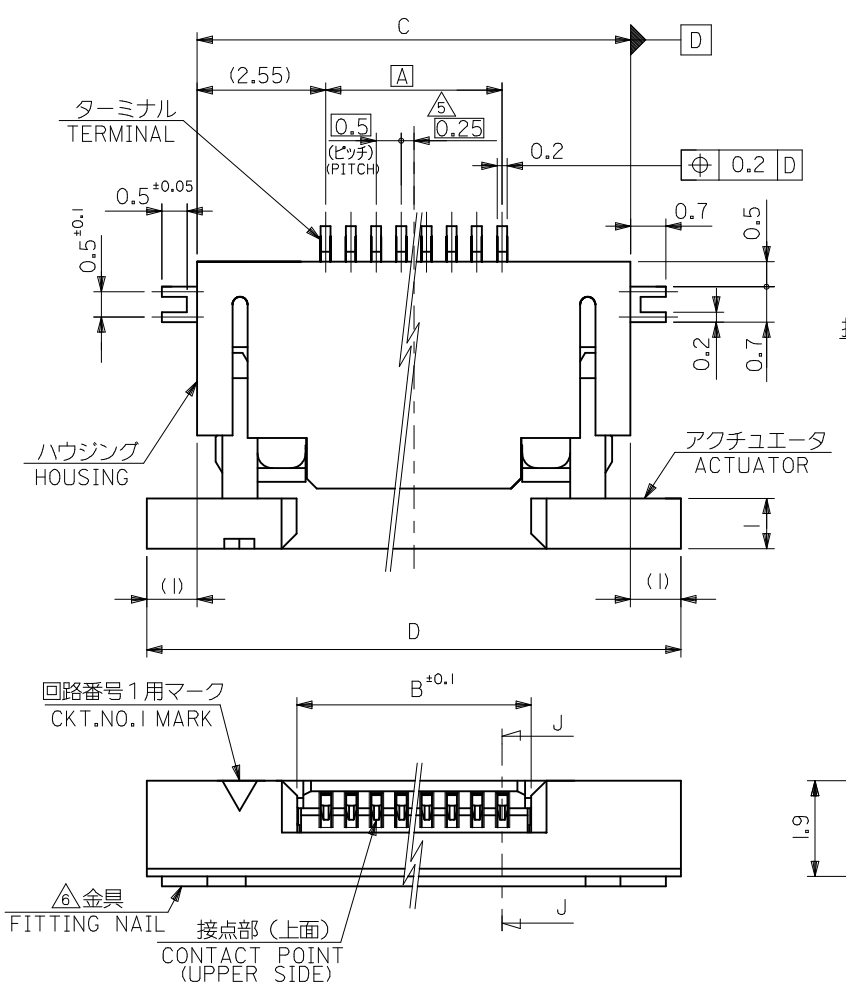
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



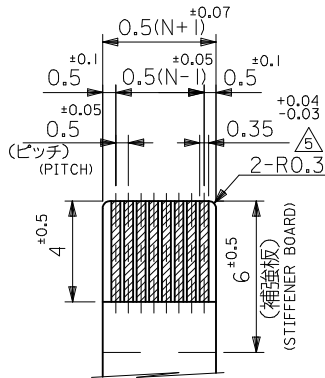


注記 NOTES

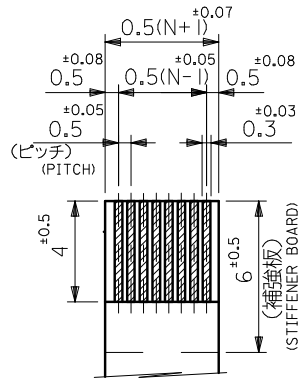
- 使用材料 : MATERIAL
 - ハウジング HOUSING : ポリアミド(PA)、ナチュラル(白色)、ガラス充填、UL94V-0
 - アクチュエータ ACTUATOR : ポリフェニレンサルファイド(PPS)、黒色、ガラス充填、UL94V-0
 - ターミナル TERMINAL : リン青銅 (t=0.2)
 - 金具 FITTING NAIL : リン青銅 (t=0.2)
- めっき仕様 PLATING
 - ターミナル TERMINAL : 錫銀ビスマスめっき(1.0 μm以上)
 - 下地: ニッケルめっき(1.0 μm以上)
 - 金具 FITTING NAIL : 錫めっき(1.0 μm以上)
 - 下地: ニッケルめっき(1.0 μm以上)
- 公差 TOLERANCE
 - △ R.O. 3は、FPCの導体部にかからないこと。
- エンボスステップ梱包時は、アクチュエータがロックした状態とする。
- 偶数極に適用。
- パターンはくり止め用金具。
- ソルダーテール半田付け面のズレ量、および金具半田付け面のズレ量は、基準面に対し上方向 0.1MAXIMUM、下方向 0.15MAXIMUMとし、相互のばらつきは0.1MAXIMUMとする。
- ELV及びRoHS適合品

CONNECTOR SERIES NO. 52435-***22

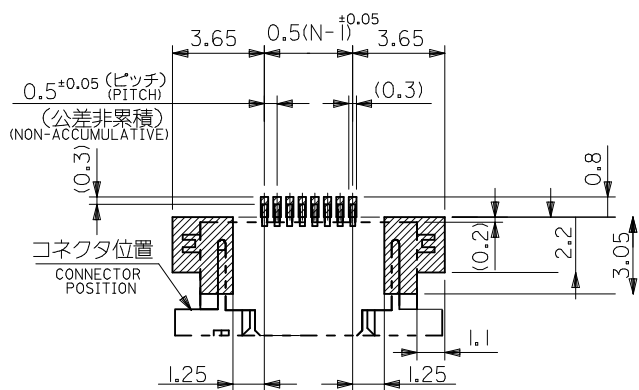
REVISED EC NO: J2014-0096 DRW: AISHI 2013/07/18 CHKD: KAKAHASHI 2013/07/18 APPR: YNOGAWA 2013/08/19	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY NKONDO	DATE 2012/09/10	TITLE 0.5 FPC CONN ZIF R/A HOUSING ASSY (UPPER CONTACT)	
	10 OVER 30 UNDER	±0.25	CHECKED BY KTAKAHASHI	DATE 2012/09/10		
	30 OVER	±0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15		
DESCRIPTION	ANGULAR ±3 °	MATERIAL NO.	SEE CHART	DOCUMENT NO.	SHEET NO. 1 OF 2	
REV	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		



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3 ±0.05)
(THICKNESS: 0.3 ±0.05)



適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3 ±0.05)
(THICKNESS: 0.3 ±0.05)



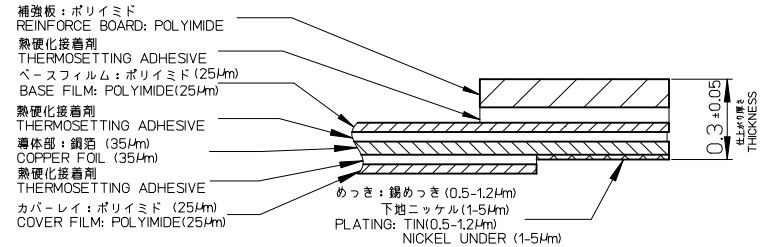
推奨基板レイアウト (マウント面)
RECOMMENDED P.C.BOARD PATTERN DIMENSION (MOUNTING SIDE)
マスク厚 : 100 μm
マスク開口率 : 100%
SCREEN THICKNESS : 100 μm
SCREEN OPEN RATIO : 100%

FPCについて

補強フィルム材質はポリイミドを推奨します。ベースフィルムは25 μmを推奨します。
接着剤は熱硬化接着剤を推奨します。
尚、接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様、お願い致します

ABOUT FPC

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE
NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.



FPC構成推奨仕様
STRUCTURE OF FPC

21.6	19.6	15.65	14.5	52435-3033	30
21.1	19.1	15.15	14.0	-2933	29
20.6	18.6	14.65	13.5	-2833	28
20.1	18.1	14.15	13.0	-2733	27
19.6	17.6	13.65	12.5	-2633	26
19.1	17.1	13.15	12.0	-2533	25
18.6	16.6	12.65	11.5	-2433	24
18.1	16.1	12.15	11.0	-2333	23
17.6	15.6	11.65	10.5	-2233	22
17.1	15.1	11.15	10.0	-2133	21
D	C	B	(A)	オーダー番号 ORDER NO.	極致 CXL

FPC/FFCについて

打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅35 μmまたは50 μmを推奨します。

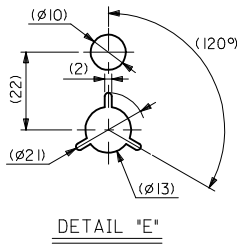
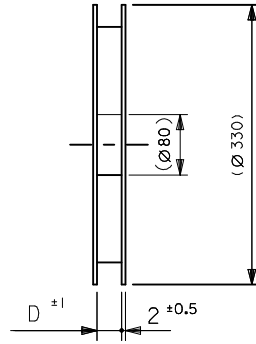
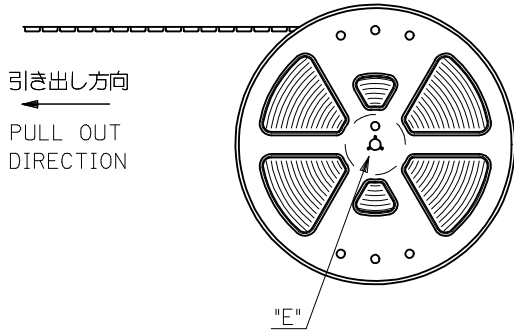
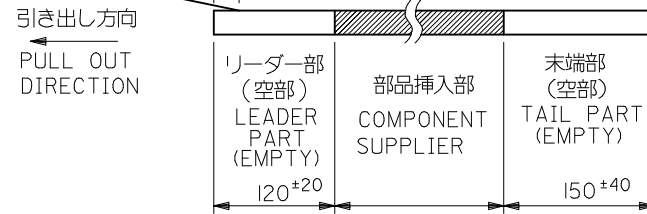
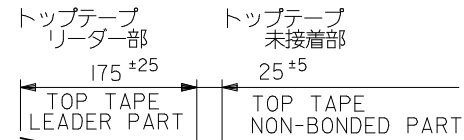
ABOUT FPC/FFC

RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE
RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL
RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER

SEE SHEET 1 OF 2 EC NO: J2014-0096 DRAWN: AISHI 2013/07/18 CHKD: KAKAHASHI 2013/07/18 APPR: YNOGAWA 2013/08/19	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION
				MM ONLY		---		METRIC		
		10 UNDER ±0.2		DRAWN BY NKONDO		DATE 2012/09/10		TITLE		
		10 OVER 30 UNDER ±0.25		CHECKED BY KTAKAHASHI		DATE 2012/09/10		0.5 FPC CONN ZIF R/A HOUSING ASSY (UPPER CONTACT)		
30 OVER ±0.3		APPROVED BY KMORIKAWA		DATE 2013/03/15		molex				
ANGULAR ±3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-52435-022		SHEET NO. 2 OF 2		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

注記 NOTES

- 製品番号 52435-**22 の梱包状態はアクチュエータがロックした状態とする。
 詳細寸法については図面 RSD-52435- 22 を参照下さい。
 IN THE PACKAGE,ACTUATOR OF PART NO.52435-**22 SHOULD BE LOCKED RE DETAILED DIMENSIONS,SEE RSD-52435- 021
- 梱包数量：1000個/リール
 NUMBER OF CONNECTORS:1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- トップテープの剥離強度については、IEC60286-3 に準拠
 TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
- 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 (PS) <リサイクル材を含む>
 POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- ELV及びRoHS適合品
 ELV AND RoHS COMPLIANT

RELEASED EC NO.: J2013-1014 DRWN: NKONDO 2012/09/10 CHKD: KTAKAHASHI 2012/09/10 APPR: KMORIKAWA 2013/03/15	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY NKONDO	DATE 2012/09/10	TITLE 0.5 FPC CONN ZIF SMT R/A WITH TAPE EMBSTP PKG molex		
	10 OVER 30 UNDER	±0.25	CHECKED BY KTAKAHASHI	DATE 2012/09/10			
	30 OVER	±0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15			
0	ANGULAR ±3 °	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-52435-023	SHEET NO. 1 OF 3		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

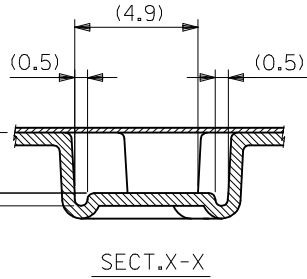
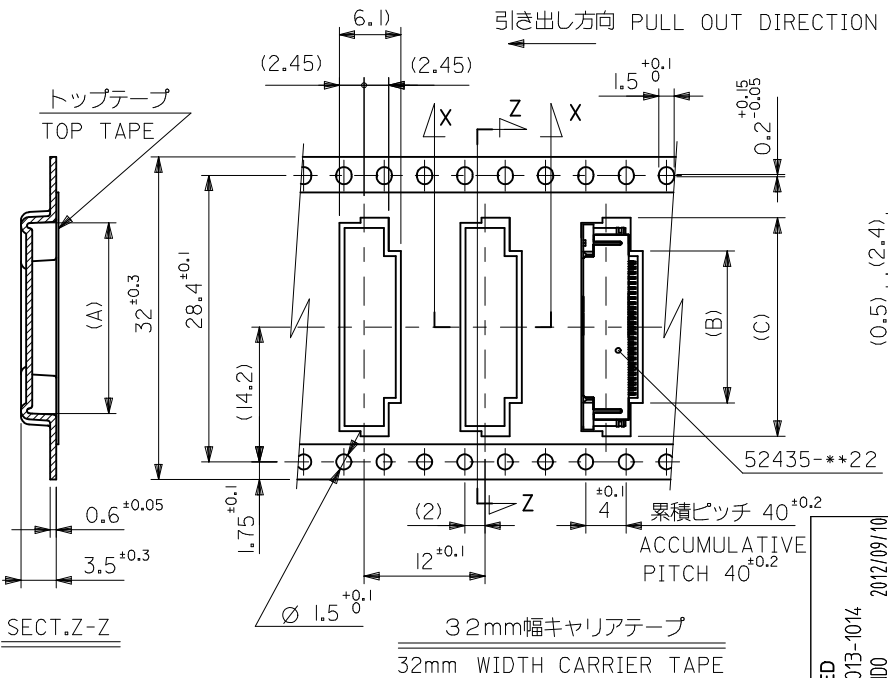
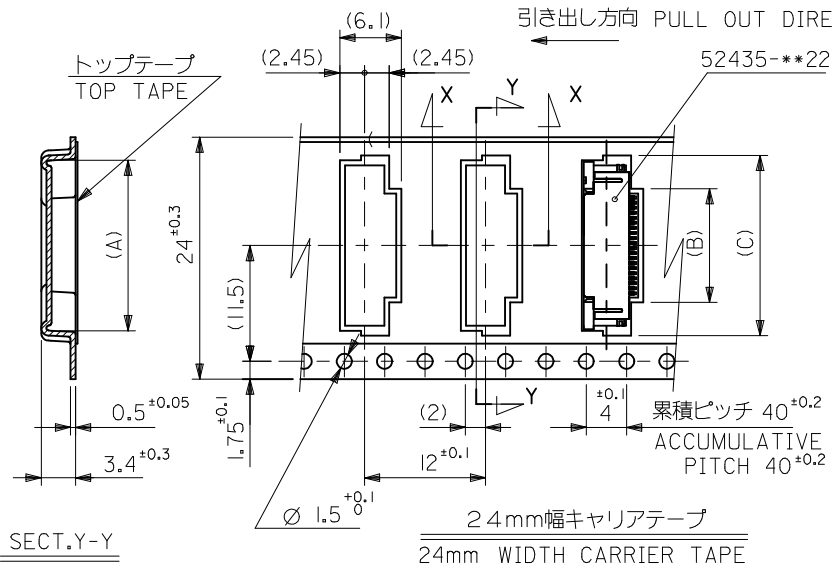
E

D

C

B

A

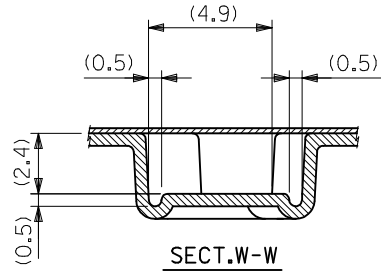
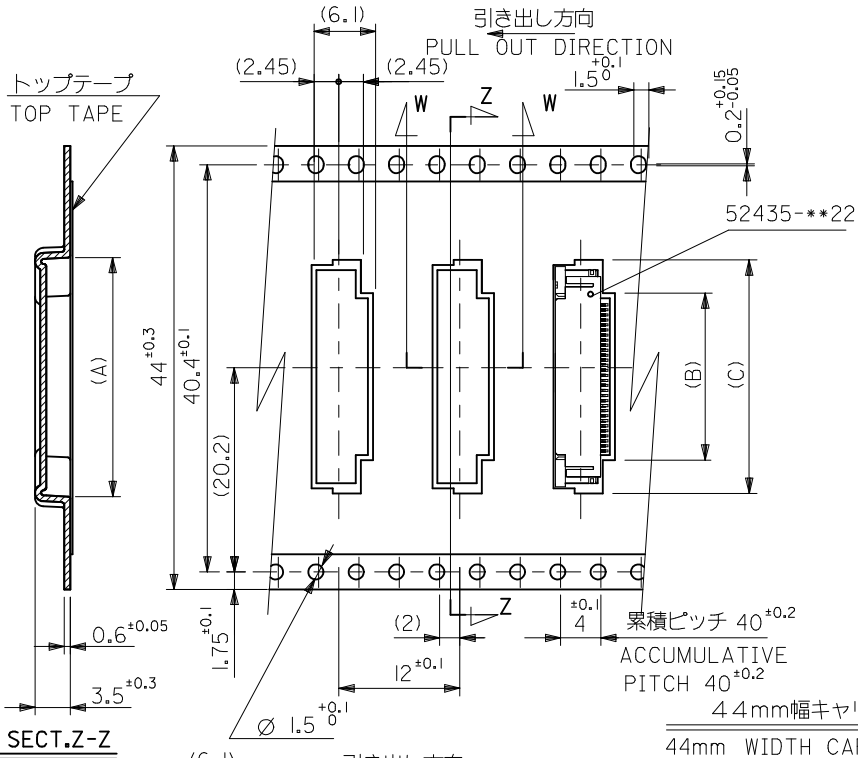


32	33.5	22.4	15.8	21.4	52435-2933	29
		21.9	15.3	20.9	-2833	28
		21.4	14.8	20.4	-2733	27
		20.9	14.3	19.9	-2633	26
		20.4	13.8	19.4	-2533	25
		19.9	13.3	18.9	-2433	24
		19.4	12.8	18.4	-2333	23
		18.9	12.3	17.9	52435-2233	22

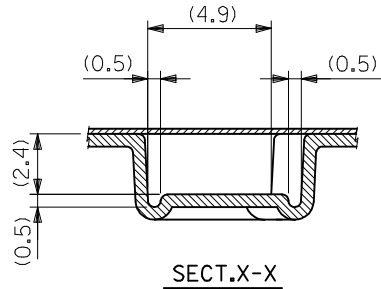
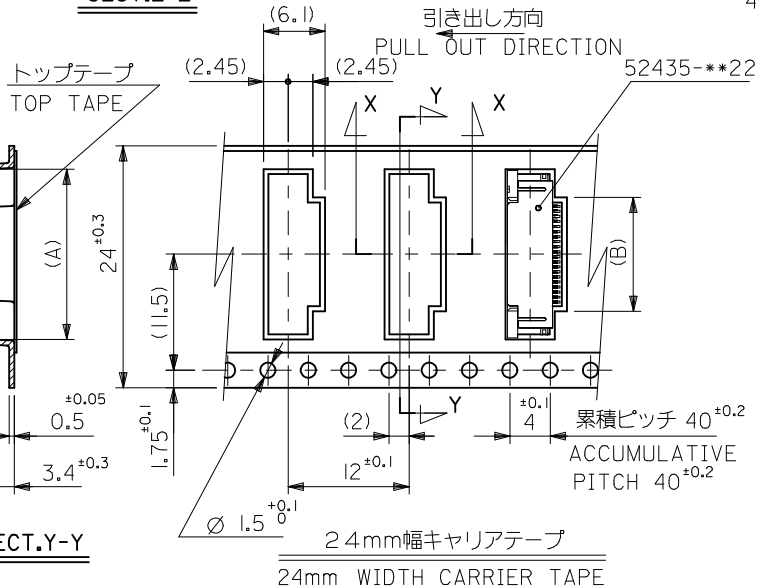
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	オーダー番号 ORDER NO.	極数 CIRCUIT
--------------------------------	---	-----	-----	-----	---------------------	---------------

RELEASED EC NO.: J2013-1014 2012/09/10 DRWN: NKONDO 2012/09/10 CHKD: TAKAHASHI 2012/09/10 APPR: KMORIKAWA 2013/03/15	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)
REV	0	10 UNDER ±0.2 10 OVER 30 UNDER ±0.25 30 OVER ±0.3 ANGULAR ±3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY NKONDO	DATE 2012/09/10	TITLE 0.5 FPC CONN ZIF SMT R/A WITH TAPE EMBSTP PKG	
CHECKED BY KTAKAHASHI	DATE 2012/09/10		
APPROVED BY KMORIKAWA	DATE 2013/03/15		
MATERIAL NO.	SEE CHART	DOCUMENT NO. SD-52435-023	SHEET NO. 2 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



44	45.5	22.9	16.3	21.9	52435-3033	30
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	オーダー番号 ORDER NO.	極数 CIRCUIT



24	25.5	11.8	17.4	52435-2133	21
キャリアテープ幅 CARRIER TAPE WIDTH	D	(B)	(A)	オーダー番号 ORDER NO.	極数 CIRCUIT

RELEASED EC NO: J2013-1014 DRWN: NKONDO 2012/09/10 CHKD: TAKAHASHI 2012/09/10 APPR: KMORIKAWA 2013/03/15 REV: 0	DESCRIPTION GENERAL TOLERANCES (UNLESS SPECIFIED) 10 UNDER ±0.2 10 OVER 30 UNDER ±0.25 30 OVER ±0.3 ANGULAR ±3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		DRAWN BY NKONDO	DATE 2012/09/10	TITLE 0.5 FPC CONN ZIF SMT R/A WITH TAPE EMBSTP PKG			
		CHECKED BY KTAKAHASHI	DATE 2012/09/10	MATERIAL NO. SEE CHART			
		APPROVED BY KMORIKAWA	DATE 2013/03/15	DOCUMENT NO. SD-52435-023	SHEET NO. 3 OF 3		