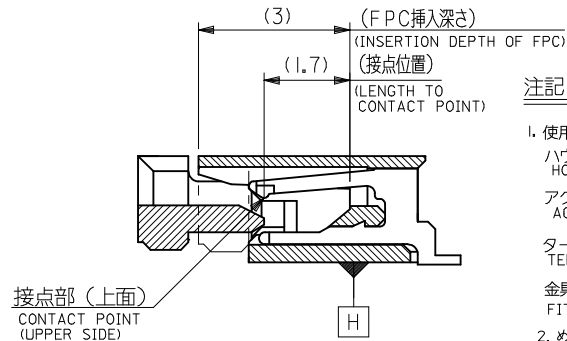
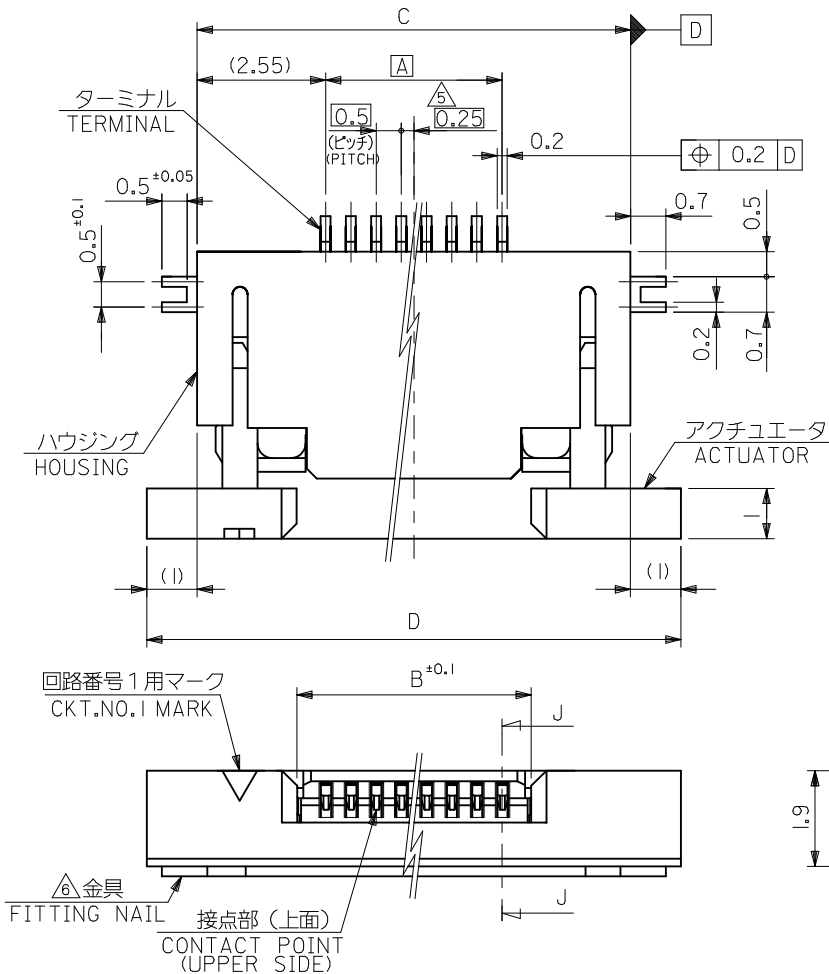
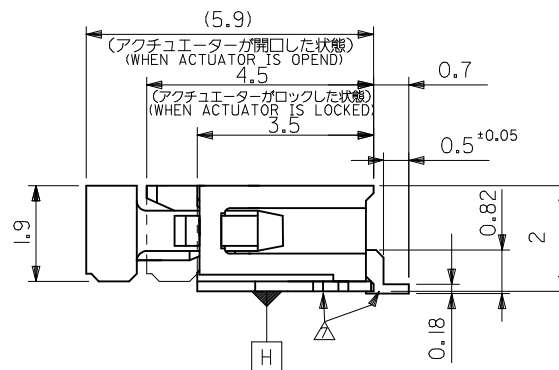


10 9 8 7 6 5 4 3 2 1



SECT.J-J



注記 NOTES

1. 使用材料 : MATERIAL

ハウジング : ポリアミド(PA)、ナチュラル(白色)、ガラス充填、UL94V-0
HOUSING : POLYAMIDE, NATURAL(WHITE), GLASS FILLED, UL94V-0
アクチュエータ : ポリフェニレンサルファイド(PPS)、黒色、ガラス充填、UL94V-0
ACTUATOR : POLYPHENYLENE SULFID, BLACK, GLASS FILLED, UL94V-0
ターミナル : リン青銅 (t=0.2)
TERMINAL : PHOSPHOR BRONZE (t=0.2)
金具 : リン青銅 (t=0.2)
FITTING NAIL : PHOSPHOR BRONZE (t=0.2)

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)
TIN SILVER BISMUTH PLATING (1.0 MICROMETER MINIMUM)
UNDER PLATE : NICKEL PLATING (1.0 MICROMETER MINIMUM)
金具
錫めっき(1.0 μm以上)
下地: ニッケルめっき(1.0 μm以上)
TIN PLATING (1.0 MICROMETER MINIMUM)
UNDER PLATE : NICKEL PLATING (1.0 MICROMETER MINIMUM)

△ R.O. 3は、FPCの導体部とかがからないこと。
R.O.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

4. エンボステープ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE, ACTUATOR OF PART NO.52435-**-22 SHOULD BE LOCKED.

△ 偶数極に適用。
APPLY FOR EVEN CIRCUIT.

△ パターンはくり止め用金具。
FITTING NAIL FOR PREVENTION OF PEELING
OF P.C.B. PATTERN.

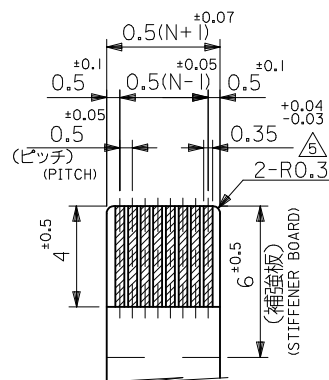
△ ソルダーテール半田付け面のズレ量、および金具半田付け面のズレ量は、基準面
に対し上方向 0.1MAXIMUM、下方向 0.15MAXIMUM とし、
相互のばらつきは0.1MAXIMUMとする。

MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM
UPPER DIRECTION : 0.1MAXIMUM, LOWER DIRECTION :
0.15MAXIMUM OFFSET BETWEEN UPPER AND LOWER : 0.1MAXIMUM.

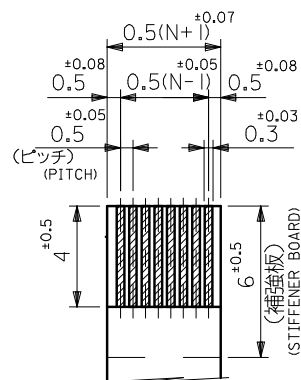
8. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

CONNECTOR SERIES NO. 52435-**-22

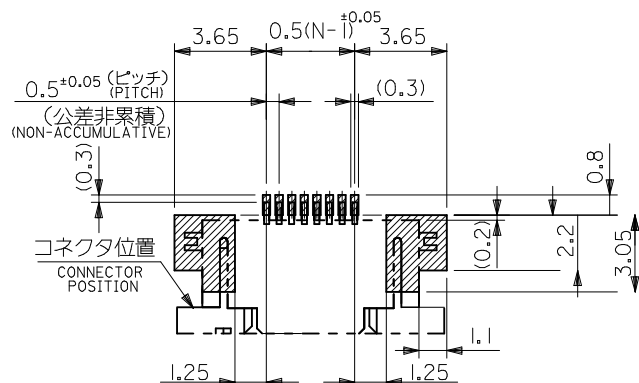
REVISED EC NO: J2014-0096 DWNAKASHI CHKDKTAKAHASHI APPR:YNOGAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY		---	METRIC				
		10 UNDER	±0.2	DRAWN BY	DATE	TITLE 0.5 FPC CONN ZIF R/A HOUSING ASSY (UPPER CONTAT)					
		10 OVER 30 UNDER	±0.25	CHECKED BY	DATE						
		30 OVER	±0.3	APPROVED BY	DATE						
	ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.					SHEET NO.	
REV	B	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52435-022					1 OF 2
		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)

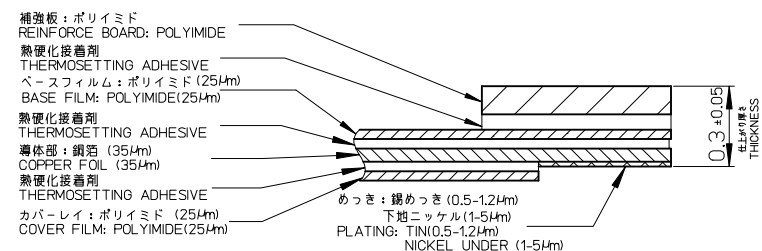
マスク厚 : 100 μ m
マスク開口率 : 100%
SCREEN THICKNESS : 100 μ m
SCREEN OPEN RATIO : 100%

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 μ m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.	極数 PIN

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 μ mまたは50 μ m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 CHKD: TAKAHASHI APPR: YNOGAWA	2013/07/18 2013/07/18 2013/08/19	DESCRIPTION	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 CONTAT) 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				
					ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52435-022								
B	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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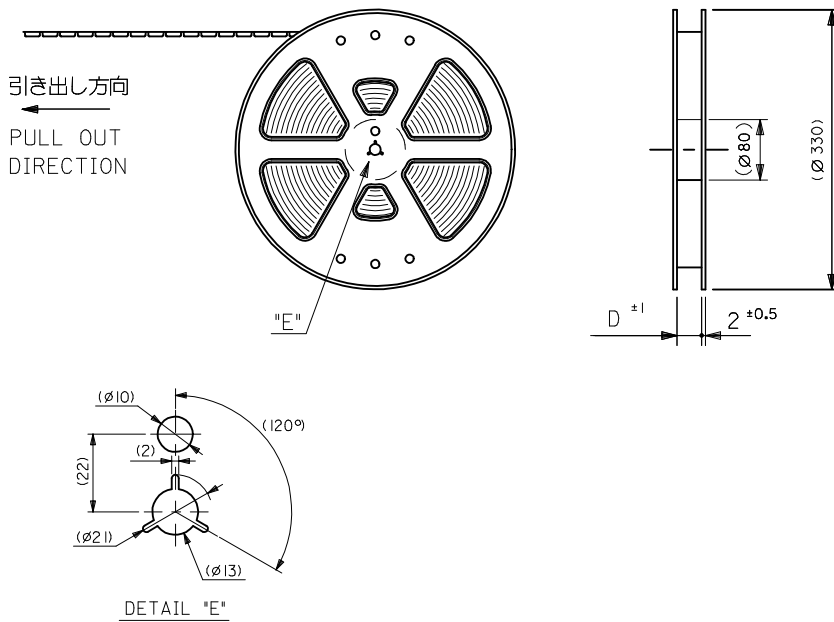
C

B

A

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 リーダー部 175 ±25 TOP TAPE LEADER PART
トップテープ 未接着部 25 ±5 TOP TAPE NON-BONDED PART
引き出し方向 PULL OUT DIRECTION
リーダー部 (空部) LEADER PART (EMPTY) 120 ±20
部品挿入部 COMPONENT SUPPLIER
末端部 (空部) TAIL PART (EMPTY) 150 ±40
- 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>
POLYSTYREN (PS) <RECYCLE MATERIAL CONTAINED>
- ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT



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RELEASED EC NO.: J2013-1014 DRWN: NKONDO 2012/09/10 CHKD: TAKAHASHI 2012/09/10 APPR: KMORIKAWA 2013/03/15	DESCRIPTION	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				
		10 OVER 30 UNDER	± 0.25	CHECKED BY TAKAHASHI	DATE 2012/09/10					
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15	DOCUMENT NO. SD-52435-023				
		ANGULAR ±3 °		MATERIAL NO. SEE CHART						
	0	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				

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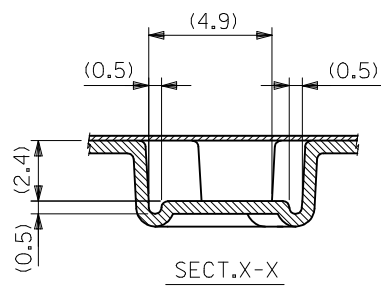
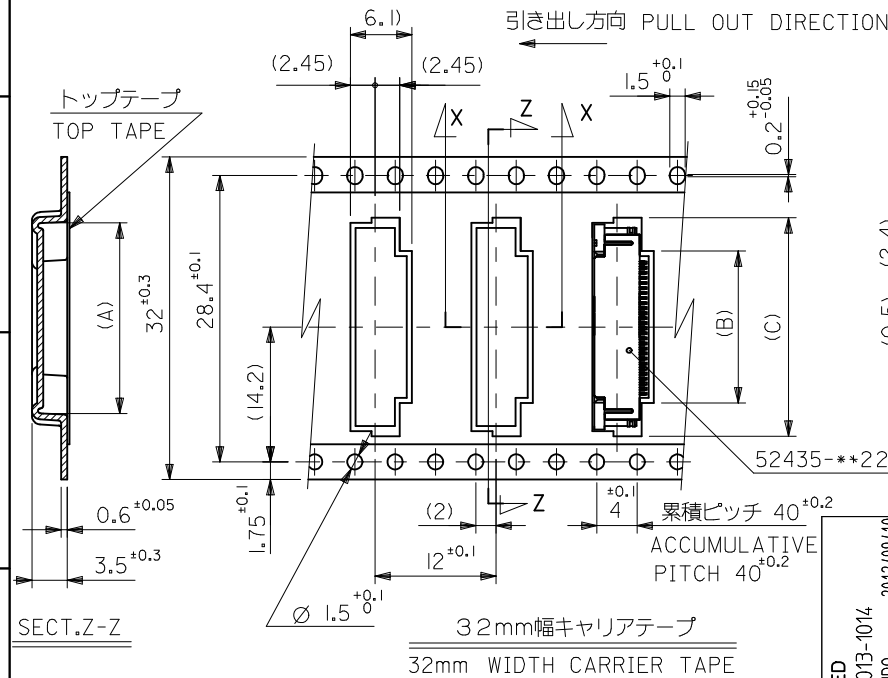
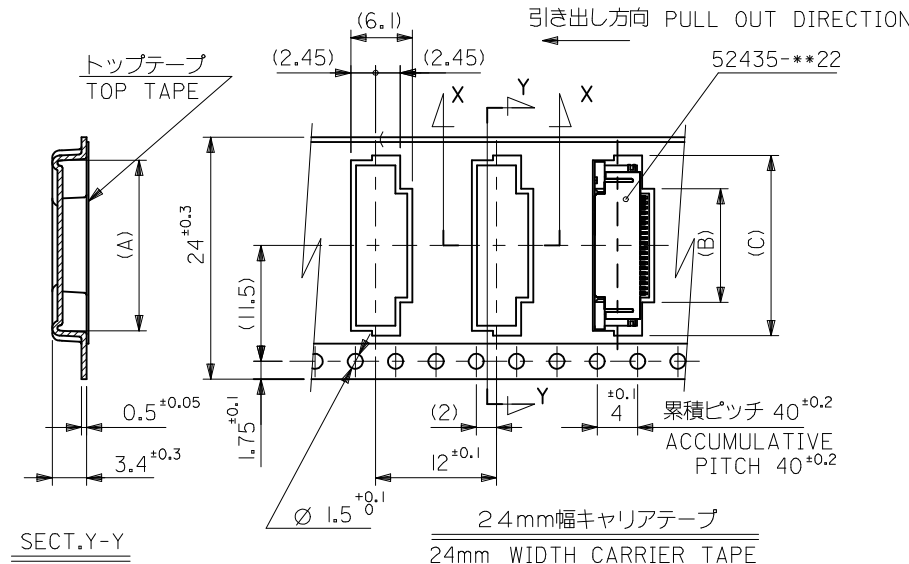
E

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 DRWN: NKONDO CHKD: TAKAHASHI APPR: KMORIKAWA 2012/09/10 2012/09/10 2013/03/15	DESCRIPTION	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				
		10 OVER 30 UNDER	±0.25	CHECKED BY TAKAHASHI	DATE 2012/09/10					
		30 OVER	±0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52435-023		2 OF 3			
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

