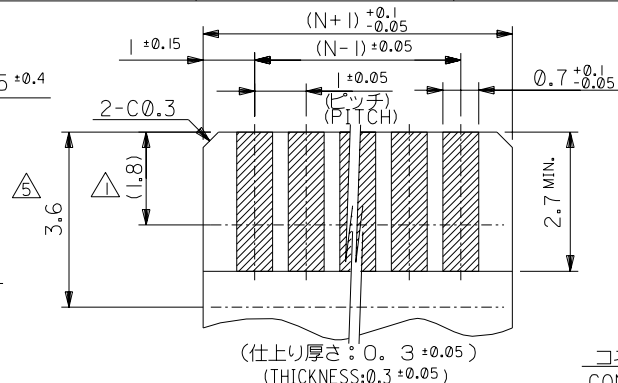
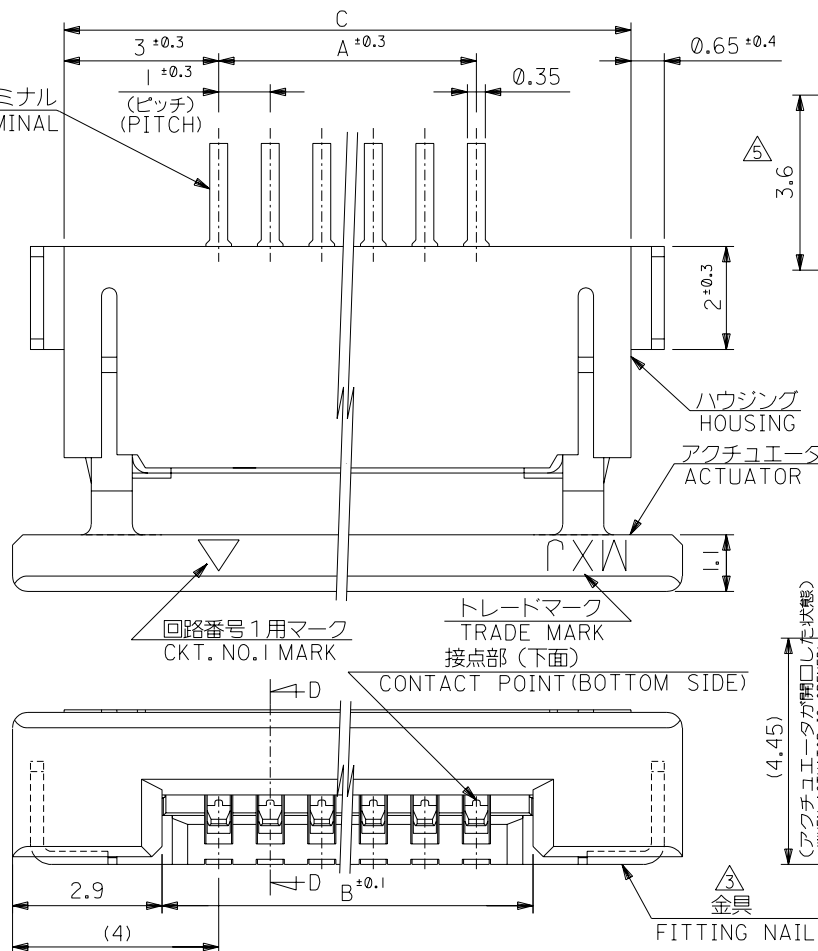
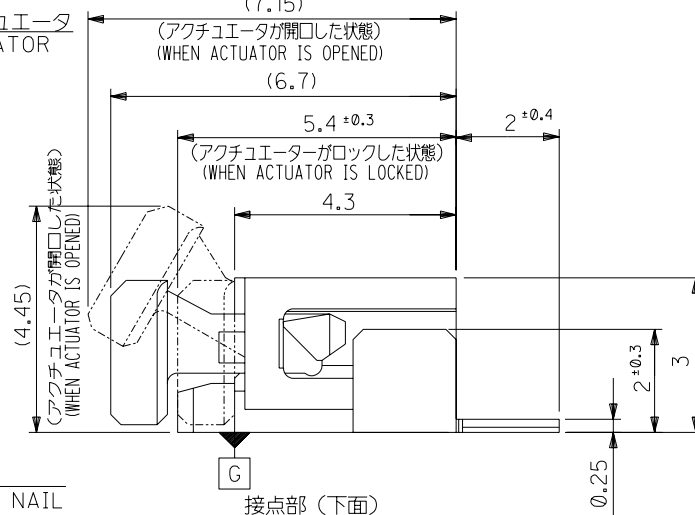
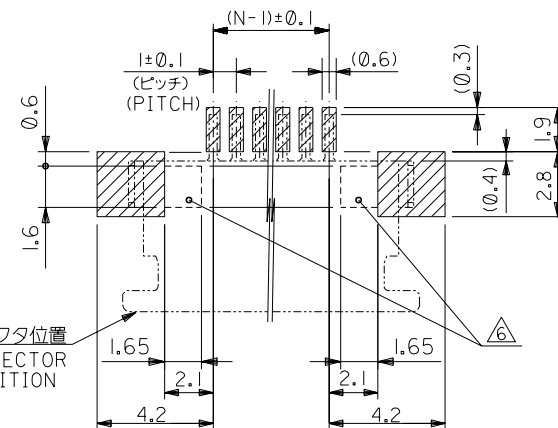


ターミナル
TERMINAL適合FPC推奨寸法
RECOMMENDED APPLICABLE
FPC LAYOUT
(7.15)コネクタ位置
CONNECTOR
POSITIONパターン推奨寸法 (参考)
RECOMMENDED PATTERN DIM. (REF.)

35	31.2	29	52271-3019	30
34	30.2	28	-2919	29
33	29.2	27	-2819	28
32	28.2	26	-2719	27
31	27.2	25	-2619	26
30	26.2	24	-2519	25
29	25.2	23	-2419	24
28	24.2	22	-2319	23
27	23.2	21	-2219	22
26	22.2	20	-2119	21
25	21.2	19	-2019	20
24	20.2	18	-1919	19
23	19.2	17	-1819	18
22	18.2	16	-1719	17
21	17.2	15	-1619	16
20	16.2	14	-1519	15
19	15.2	13	-1419	14
18	14.2	12	-1319	13
17	13.2	11	-1219	12
16	12.2	10	-1119	11
15	11.2	9	-1019	10
14	10.2	8	-0919	9
13	9.2	7	-0819	8
12	8.2	6	-0719	7
11	7.2	5	-0619	6
10	6.2	4	-0519	5
9	5.2	3	52271-0419	4
52271-**-19				
MODEL NO.	C	B	A	極数 CKT.

材料
MATERIAL
注記参照
SEE NOTESmolex MOLEX-JAPAN CO., LTD.
日本モレックス株式会社仕上げ
FINISH
注記参照
SEE NOTESREVISE ONLY ON CAD SYSTEM
TITLE 名称
1.0 FPC CONN. Z.I.F. SMT
(BOTTOM CONTACT)適用電線範囲
WIRE RANGE
被覆外径
INS. RANGEDRAWN BY 04/03/12
H.KAWABATA
CHK'D BY 04/03/12
K.TOJO
APP'D BY 04/03/12
M.SASAO
日付
DATE
尺度
SCALE-LEAD FREE-
DWG. NO. (SHEET 1 OF 2) REV
SD-52271-036 B

角度 ANGLE	±3°				
30°以上 OVER	±0.3	B	変更 REVISED	(J2004-3551)	H.K. K.S. 04/04/02
10°以上 30°未満 OVER UNDER	±0.25	A	変更 REVISED	(J2004-3371)	H.K. K.S. 04/03/29
10°未満 UNDER	±0.2	0	新規作成 RELEASED	(J2004-3059)	H.K. K.S. 04/03/12
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

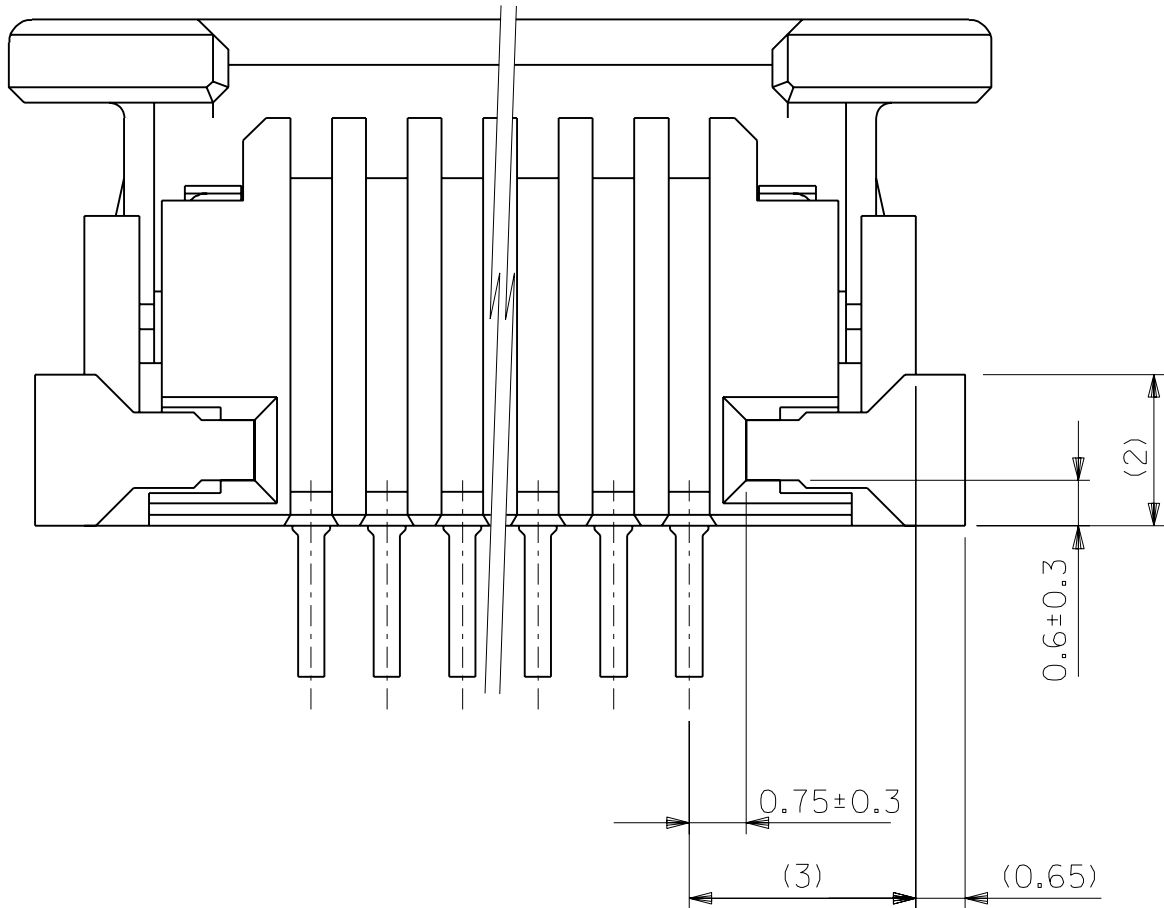
E

D

±MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

A

8 7 6 5 4 3 2 1



注記 NOTES

- ① 接点部までの嵌合長さ。
LENGTH TO CONTACT POINT.
2. 使用材料 MATERIAL
ハウジング : 46ナイロン, UL94V-0
HOUSING : 46NYLON, UL94V-0
アクチュエータ : PPS, UL94V-0
ACTUATOR : PPS, UL94V-0
ターミナル : リン青銅 (t=0.25)
TERMINAL : PHOS-BRO.(t=0.25)
メッキ : 錫ビスマスメッキ 1.0マイクロメートル以上
PLATING : TIN-BISMUTH 1.0 MICROMETER MINIMUM
: ニッケル下地 1.0マイクロメートル以上
PLATING : NICKEL(UNDER PLATING)1.0 MICROMETER MINIMUM
金具 : 銅合金 (t=0.25)
FITTING NAIL : COPPER ALLOY (t=0.25)
メッキ : 錫メッキ 1.0マイクロメートル以上
PLATING : TIN 1.0 MICROMETER MINIMUM
: ニッケル下地 1.0マイクロメートル以上
PLATING : NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
- ③ パターンはくり止め用金具
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B.PATTERN.
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。
WHEN CONNECTOR IS SHIPED, ACTUATOR SHOULD BE LOCKED.
- ⑤ FPC挿入深さ。
INSERTION DEPTH OF FPC
- ⑥ パターン書き込み禁止エリア。
NO FOOT PRINT AREA.
7. 本製品は52271-**-17の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52271-**-17.

FPCについて：
打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

ABOUT FPC:
RECOMMENDED PUNCHER DIRECTION :FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM :POLYIMIDE
BONDING AGENT :THERMOSETTING BONDING AGENT

						MODEL NO.		52271-**19				
						材料 MATERIAL		注記参照 SEE NOTES		 MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社		
						仕上げ FINISH						
						適用電線範囲 WIRE RANGE		注記参照 SEE NOTES		REVISE ONLY ON CAD SYSTEM		
角度 ANGLE		±3°				被覆外径 INS. RANGE				TITLE 名称 1.0 FPC CONN. Z.I.F. SMT (BOTTON CONTACT) -LEAD FREE-		
30 以上 OVER		±0.3	B	変更 REVISED (J2004-355)	H.K. K.T.	04/04/02	DRAWN BY '04/03/12 H.KAWABATA		CHK'D BY '04/03/12 K.TOJO		DWG. NO. (SHEET 2 OF 2) SD-52271-036	REV B
10 以上 30 未満 OVER 30 UNDER		±0.25	A	変更 REVISED (J2004-337)	H.K. K.T.	04/03/25	APP'D BY '04/03/12 M.SASAO		尺度 SCALE			
10 未満 UNDER		±0.2	O	新規作成 RELEASED (J2004-3059)	H.K. K.T.	04/03/12						
一般公差 GENERAL TOLERANCES		記号 LTR		変更内容 REVISION RECORD		DR. CHK.	日付 DATE					

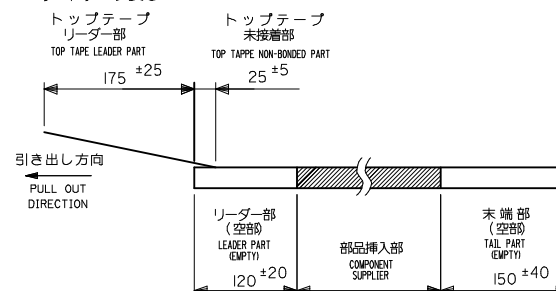
8 7 6 5 4 3 2 1

NOTES

1. 製品番号 52271-**-19 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 SD-52271-036 を参照下さい。
 IN THE PACKAGE, AUTUATOR OF PART NO. 52271-**-19 SHOULD BE LOCKED
 RE DETAILED DIMENSIONS, SEE SD-52271-036.

2. 梱包数量: 1000個/リール
 NUMBER OF CONNECTORS: 1000 PCS/REEL

3. リードテープ長さ LEAD TAPE LENGTH

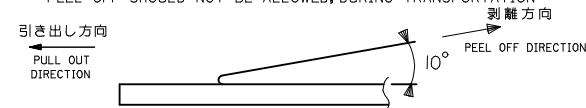


4. トップテープの剥離強度: 0.1~1.3N {10~130gf} (剥離方向は下図参照)
 尚、本規格値は、出荷時に適用。(但し、輸送時に剥離が発生しない事。)

PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N {10~130gf}
 (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT

PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION



5. 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 (TOP TAPE): PET, PE, PEF

リール (REEL): ポリスチレン (PS) <リサイクル材を含む>

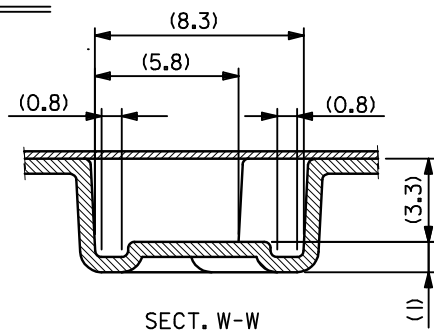
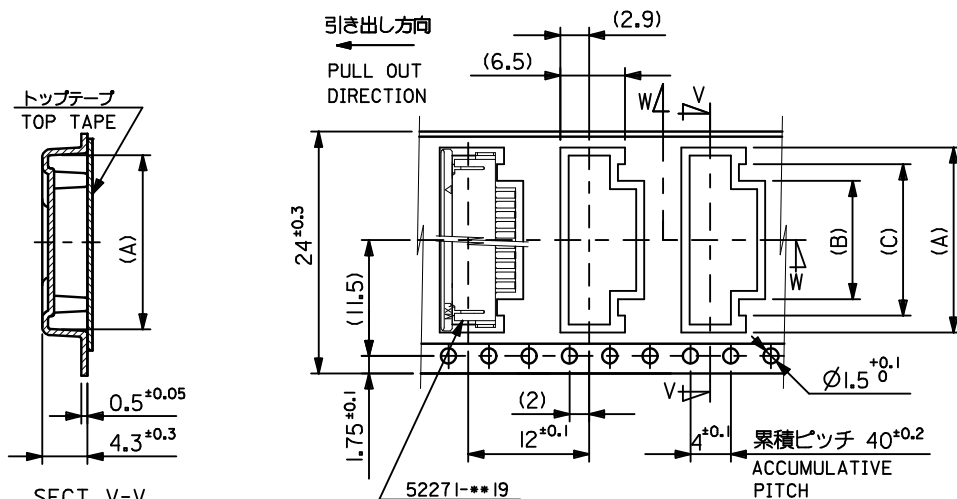
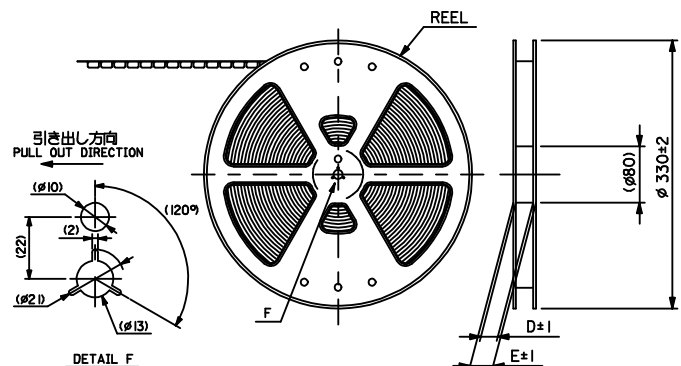
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

6. 本製品は52271-**-90の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 52271-**-90.

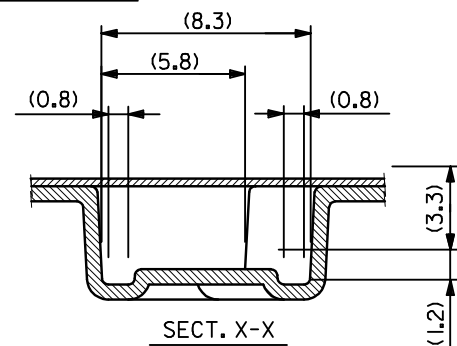
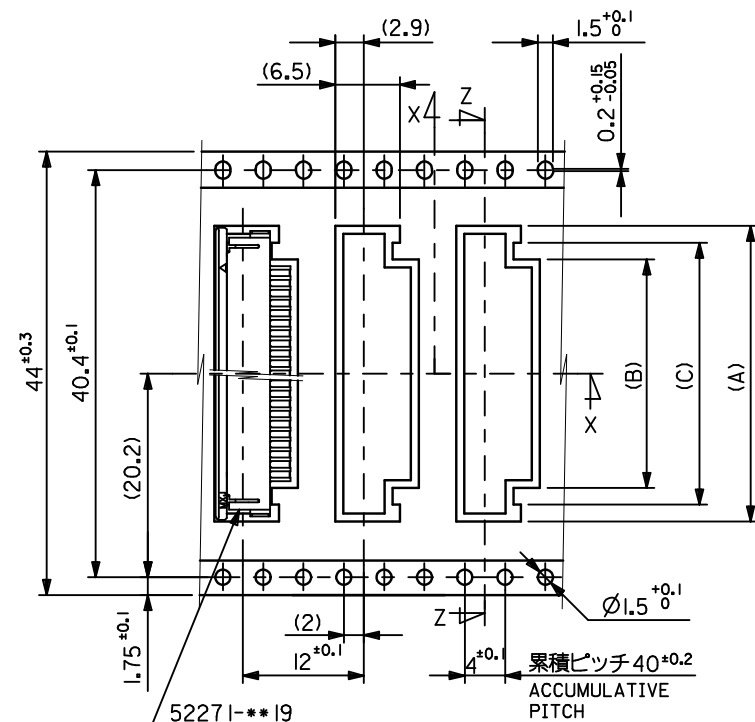
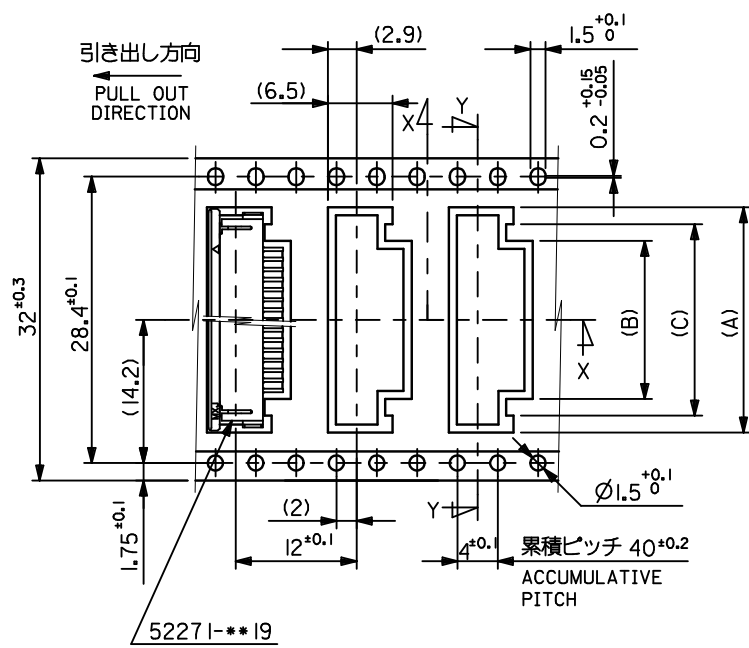
7. 本製品は乾燥剤入り、ハイバリア梱包仕様である。

THIS PRODUCT IS HIGH BARRIER PACKAGE
 WITH DESICCANT.



52271-**-19	24	29.4	25.4	15	11.4	18.3	52271-1179	11
MODEL NO.	CARRIER TAPE WIDTH	E	D	14	10.4	17.3	-1079	10
				13	9.4	16.3	-0979	9
				12	8.4	15.3	-0879	8
				11	7.4	14.3	-0779	7
				10	6.4	13.3	-0679	6
				9	5.4	12.3	-0579	5
				8	4.4	11.3	52271-0479	4

REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: J2009-2061		10 UNDER		MM ONLY		---		METRIC		◎ □	
DRWN:TKN		10 OVER 30 UNDER		DRAWN BY		DATE		TITLE		EMBOSSED TAPE PACKAGE	
CHKD:HMATSUMOTO		30 OVER		H.KAWABATA		2004/03/12		FOR 52271-**-19		-LEAD FREE-	
APPR:NUKITA		ANGULAR		CHECKED BY		DATE		K.TOJO		2004/03/12	
REV		DRAFT WHERE APPLICABLE		APPROVED BY		DATE		M.SASAO		2004/03/12	
A		MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		MOLEX INCORPORATED		SD-52271-037	
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO.		SHEET NO.	
				A3						1 OF 3	



REVISED EC NO.: J2009-2061 2009/05/20 DRWN:TKON 2009/05/21 CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA	DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY DATE H.KAWABATA 2004/03/12		TITLE EMBOSSD TAPE PACKAGE FOR 52271-***19 -LEAD FREE-				
	10 UNDER		± 0.2		CHECKED BY DATE K. TOJO 2004/03/12						
	10 OVER 30 UNDER		± 0.25		APPROVED BY DATE M. SASAO 2004/03/12		MOLEX MOLEX INCORPORATED				
	30 OVER		± 0.3		MATERIAL NO.						DOCUMENT NO.
	ANGULAR		$\pm 3^\circ$		SEE TABLE		SD-52271-037		2 OF 3		
	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 A											

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

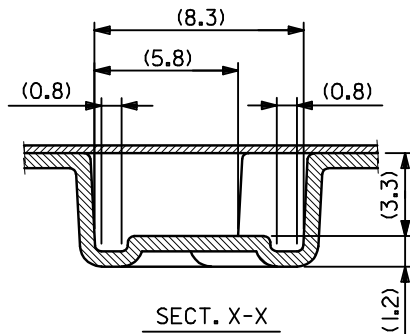
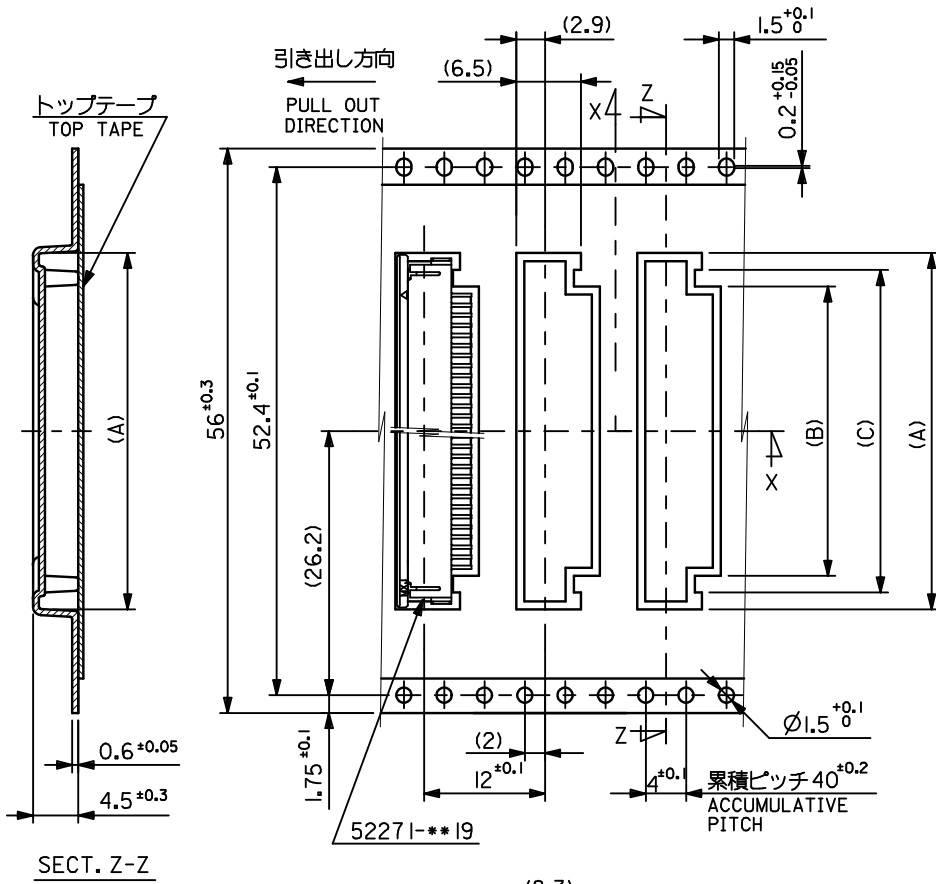
E

D

C

B

A



56	61.4	57.4	34	30.4	37.35	5227I-3079	30
			33	29.4	36.35	5227I-2979	29
			32	28.4	35.35	5227I-2879	28
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	標 数 CKT.

tb_frame_A3_J_ME_S
Rev. E 2006/04/15

9

8

7

6

5

4

3

2

EN-02JA(021)

REVISED
EC NO: J2009-2061
2009/05/20
DRWN:TKN
CH'KD:HMATSUMOTO
2009/05/21
APPR:NUKITA
2009/05/21

DESCRIPTION
REV

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

DRAWN BY	DATE
H.KAWABATA	2004/03/12
CHECKED BY	DATE
K.TOJO	2004/03/12
APPROVED BY	DATE
M.SASAO	2004/03/12

MATERIAL NO.

SEE TABLE

SIZE
A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

EMBOSSSED TAPE PAKEGE
FOR 5227I-***19
-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.

SD-5227I-037

SHEET NO.

3 OF 3

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