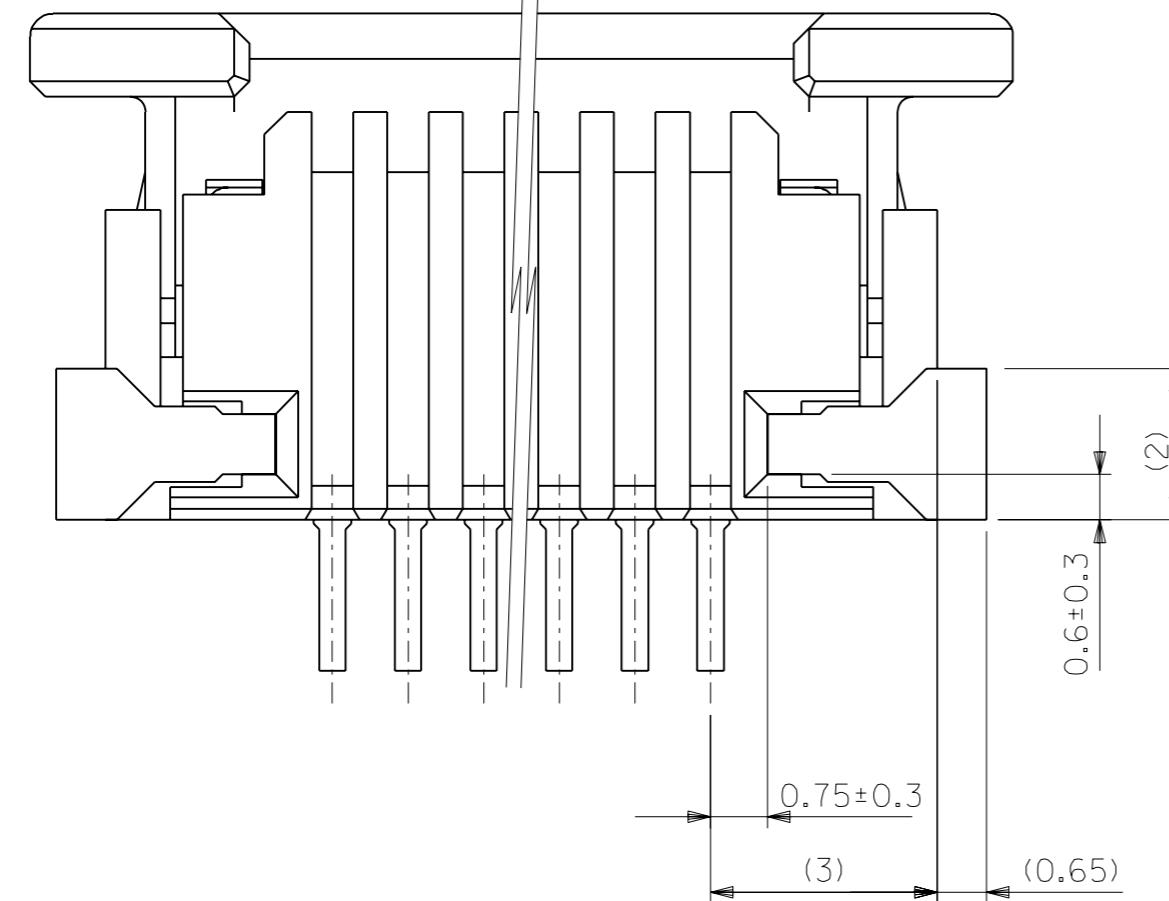


材料 MATERIAL	注記参照 SEE NOTES	MOLEX-JAPAN CO.,LTD. molex 日本モレックス株式会社
仕上げ FINISH	注記参照 SEE NOTES	REVISE ONLY ON CAD SYSTEM
WIRE RANGE	WIRE RANGE	TITLE 名称
被覆外径 INS. RANGE	INS. RANGE	I.O FPC CONN. Z.I.F. SMT (BOTTOM CONTACT)
DRAWN BY H.KAWABATA	CHK'D BY K.TOJO	-LEAD FREE-
RELEASED 04/03/12	APP'D BY 04/03/12	DWG. NO. SD-52271-036
GENERAL TOLERANCES	日付 DATE	(SHEET 1 OF 2) REV B
記号 LTR	変更内容 REVISION RECORD	SD-52271-036
DR. CHK.	SCALE	
M.SASAO		

角度 ANGLE	±3°
30 以上 OVER	+0.3
10 以上 30 未満 OVER UNDER	+0.25
10 未満 UNDER	+0.2
一般公差 GENERAL TOLERANCES	記号 LTR

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本図面は日本モレックス(株)の所有する情報を含むもので当社の許可なく複製を禁止する。



下面図

注記 NOTES

△ 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。UL 94V-0
HOUSING : 46NYLON, UL94V-0

アクチュエータ : PPS。UL 94V-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

△ 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 SHIPPED, ACTUATOR SHOULD BE LOCKED.

△ FPC挿入深さ。

INSERTION DEPTH OF FPC

△ 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
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	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
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REVISE ONLY ON CAD SYSTEM	
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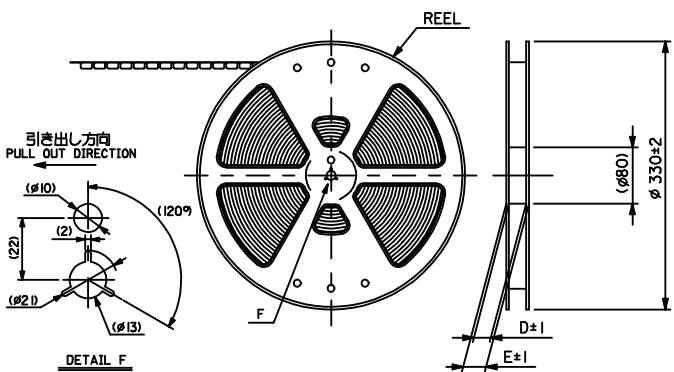
TITLE 名称 1.0 FPC CONN. Z.I.F. SMT (BOTTOM CONTACT) -LEAD FREE-	
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DWG. NO.	(SHEET 2 OF 2)	REV
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SD-52271-036		B
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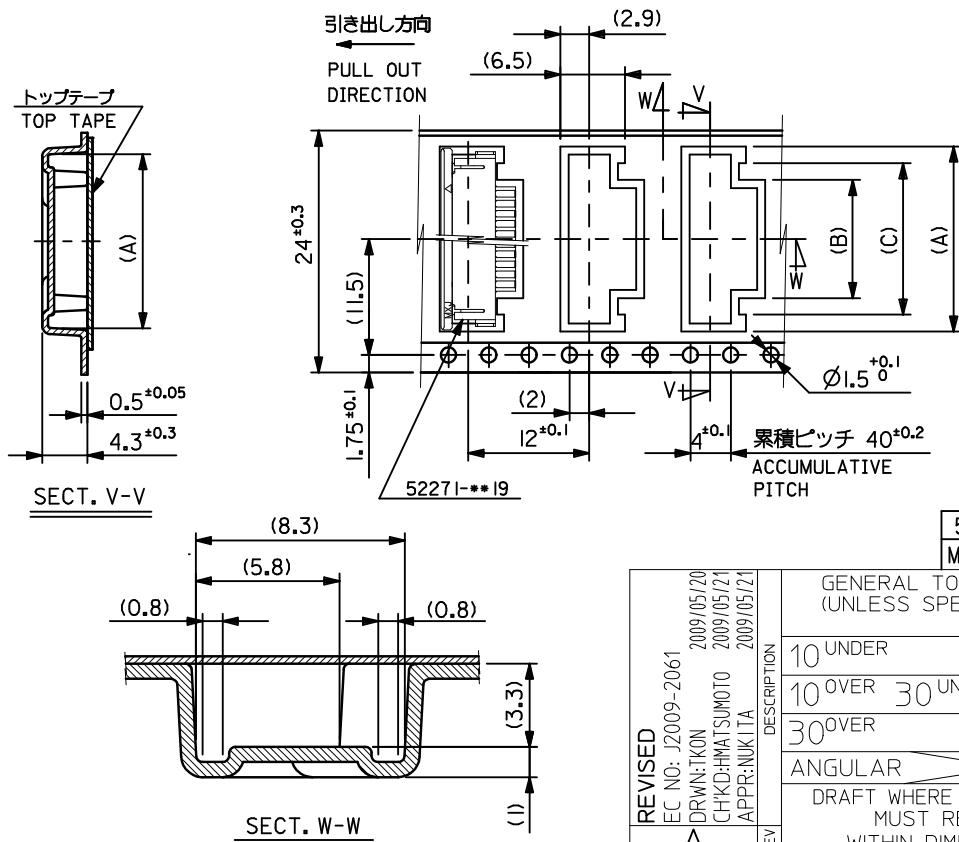
角度 ANGLE	±3°		材料 MATERIAL	注記参考 SEE NOTES
30 以上 OVER	±0.3	B	変更 REVISED (J2004-3551) H.K. 04/04/02	適用電線範囲 WIRE RANGE //
10 以上 30 未満 UNDER	±0.25	A	変更 REVISED (J2004-3371) H.K. 04/03/25	被覆外径 INS. RANGE //
10 未満 UNDER	±0.2	O	新規作成 RELEASED (J2004-3059) H.K. 04/03/12	DRAWN BY '04/03/12 CHK'D BY '04/03/12 H.KAWABATA K.TOJO
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. APP'D BY '04/03/12 CHK. M.SASAO	日付 DATE 尺度 SCALE

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

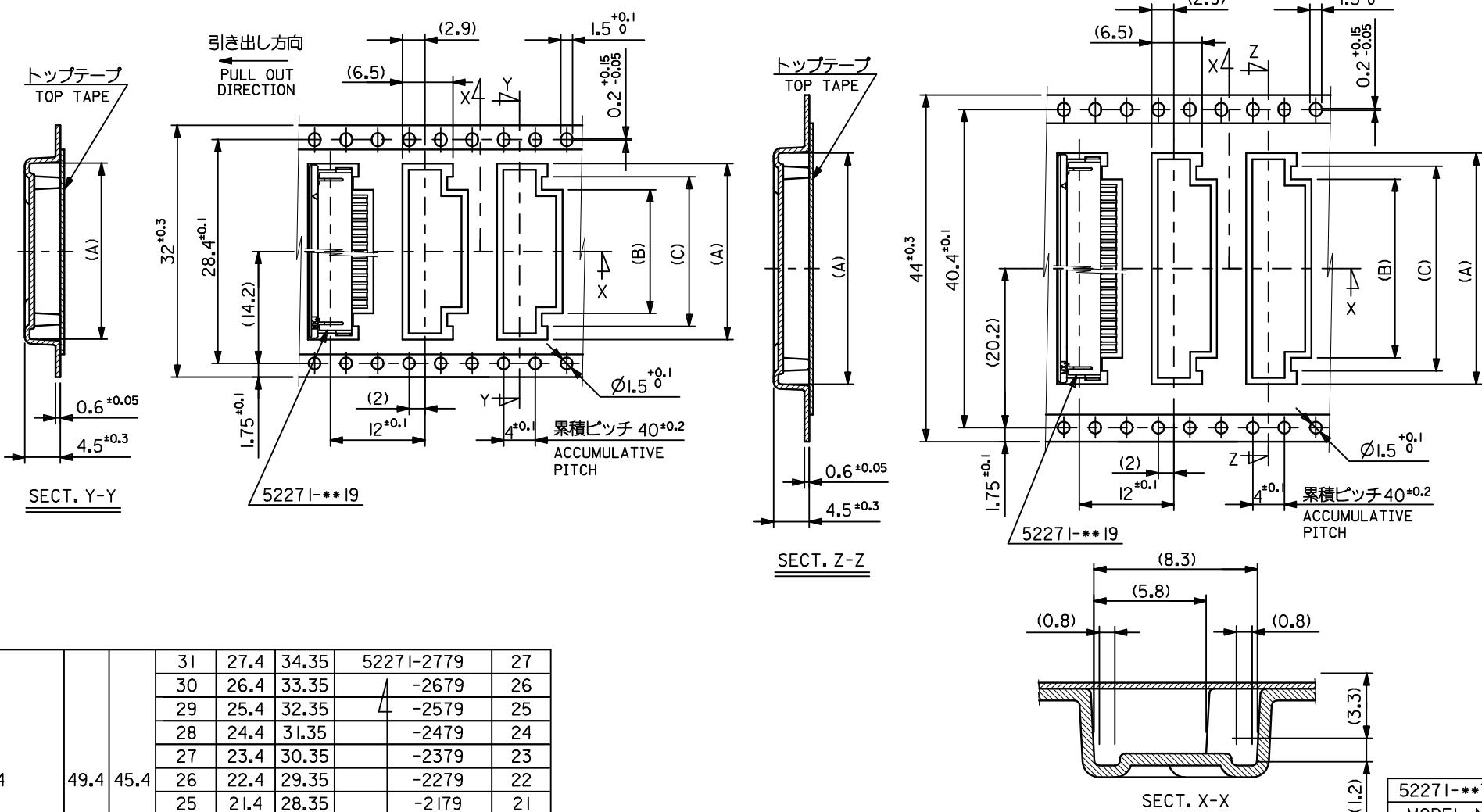


NOTES

- 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, ACTUATOR OF PART NO. 52271-**19 SHOULD BE LOCKED RE DETAILED DIMENSIONS, SEE SD-52271-036.
- 梱包数量: 1000個/リール
NUMBER OF CONNECTORS : 1000 PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH
トッピテープ リーダー部 TOP TAPE LEADER PART
トッピテープ 未接着部 TOP TAPE NON-BONDED PART
引き出し方向 PULL OUT DIRECTION
175 ±25 25 ±5
- 引き出し方向 PULL OUT DIRECTION
PEEL OFF DIRECTION 10°
剥離方向
- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
トッピテープ (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>
- 本製品は52271-**90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52271-**90.
- 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 DESCICCANT.



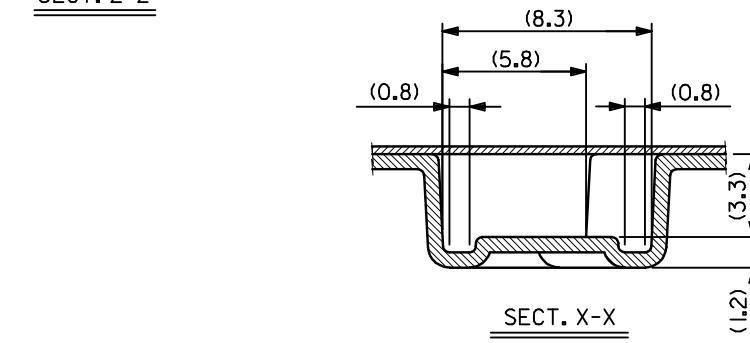
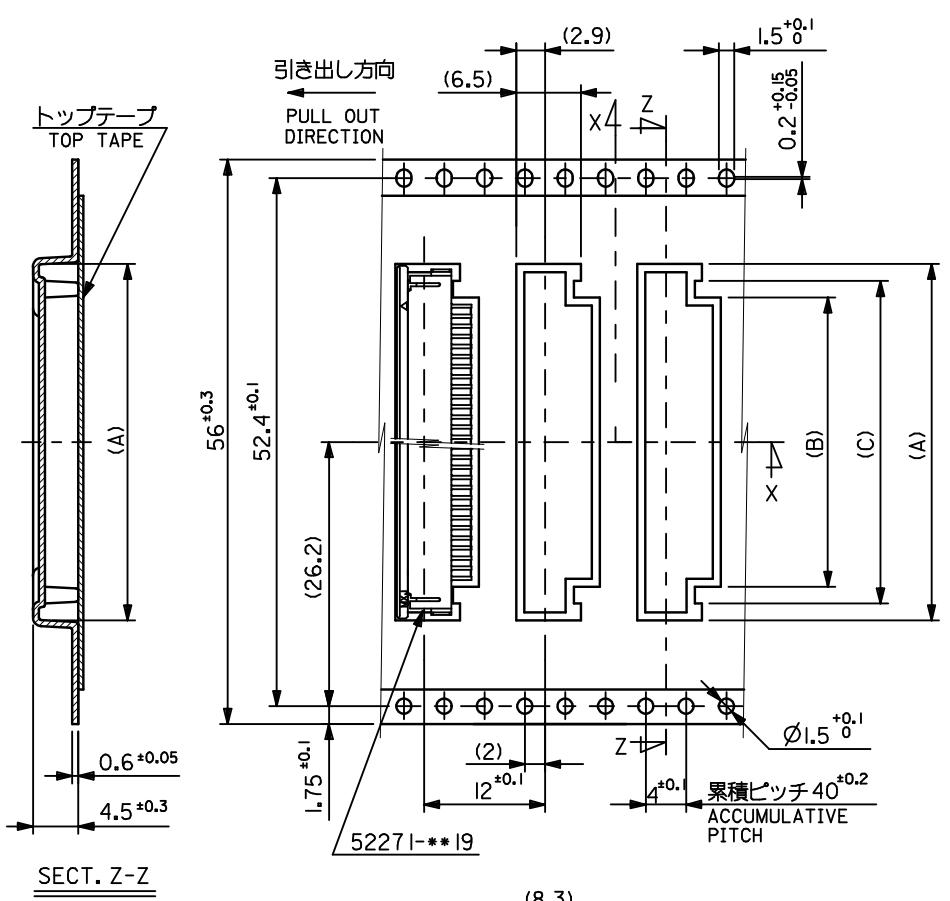
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MATERIAL NO. CART. NO.
REVISED	DESCRIPTION	DRAWN BY H.KAWABATA	DATE 2004/03/12			
REV: NO: J2009-2061	DRAWN: KUNI	2009/05/20	CHECKED BY K.TOJO	10 UNDER ±0.2	2004/03/12	TITLE EMBOSS TAPE PACKAGE FOR 52271-**19 -LEAD FREE-
REV: NO: J2009-2061	DRAWN: KUNI	2009/05/20	APPR: NUKITA	10 OVER 30 UNDER ±0.25	2004/03/12	APPROVED BY M.SASAO
REV: NO: J2009-2061	DRAWN: KUNI	2009/05/20	REV: A	30 OVER ±0.3	2004/03/12	MATERIAL NO. MOLEX MOLEX INCORPORATED
REV: NO: J2009-2061	DRAWN: KUNI	2009/05/20	REV: A	ANGULAR ±3°	2004/03/12	DOCUMENT NO. SD-52271-037
REV: NO: J2009-2061	DRAWN: KUNI	2009/05/20	REV: A	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	2004/03/12	SHEET NO. 1 OF 3
REV: NO: J2009-2061	DRAWN: KUNI	2009/05/20	REV: A	SEE TABLE	2004/03/12	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



		GENERAL TOLERANCES (UNLESS SPECIFIED)		
		DESCRIPTION		
REVISED	EC NO: J2009-2061	10 UNDER	± 0.2	10 OVER
DRWNTN:	TKON	10 OVER 30 UNDER	± 0.25	30 OVER
CHKD/MAH/TSUMOTO	APPR/ANUKITA	30 OVER	± 0.3	
		ANGULAR	$\pm 3^\circ$	DRAFT WHERE APPLICABLE
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
DRAWN BY .KAWABATA	DATE 2004/03/12	TITLE EMBOSSED TAPE PACKAGE FOR 52271-**19 -LEAD FREE-		
CHECKED BY .TOJO	DATE 2004/03/12			
PROVED BY .SASAO	DATE 2004/03/12	molex MOLEX INCORPORATED		
MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-52271-037		SHEET NO. 2 OF 3
SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX B INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
4	3	2	EN-02 JA(021)	

CARRIER TAPE WIDTH
tb_frame_A3_J_ME_S
Rev E 2006/04/15



56	61.4	57.4	34	30.4	37.35	52271-3079	30
			33	29.4	36.35	52271-2979	29
			32	28.4	35.35	52271-2879	28

キャリアーテープ幅
CARRIER TAPE WIDTH E D (C) (B) (A) MATERIAL NO. 標数
CKT.

REVISED	EC NO.: J2009-2061	DRAWN BY: T.KAWABATA	DATE: 2009/05/20
	CHKD:H.MATSUMOTO	CHECKED BY: K.TOJO	DATE: 2009/05/21
	APPR:NUKITA	APPROVED BY: M.SASAO	DATE: 2009/05/21

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	±0.2	
10 OVER	30 UNDER	±0.25
30 OVER	±0.3	

ANGULAR $\pm 3^\circ$
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DESCRIPTION	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
10 UNDER	±0.2			
10 OVER	30 UNDER	±0.25		
30 OVER	±0.3			

SEE TABLE

MOLEX MOLEX INCORPORATED
DOCUMENT NO. SD-52271-037
SHEET NO. 3 OF 3
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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION