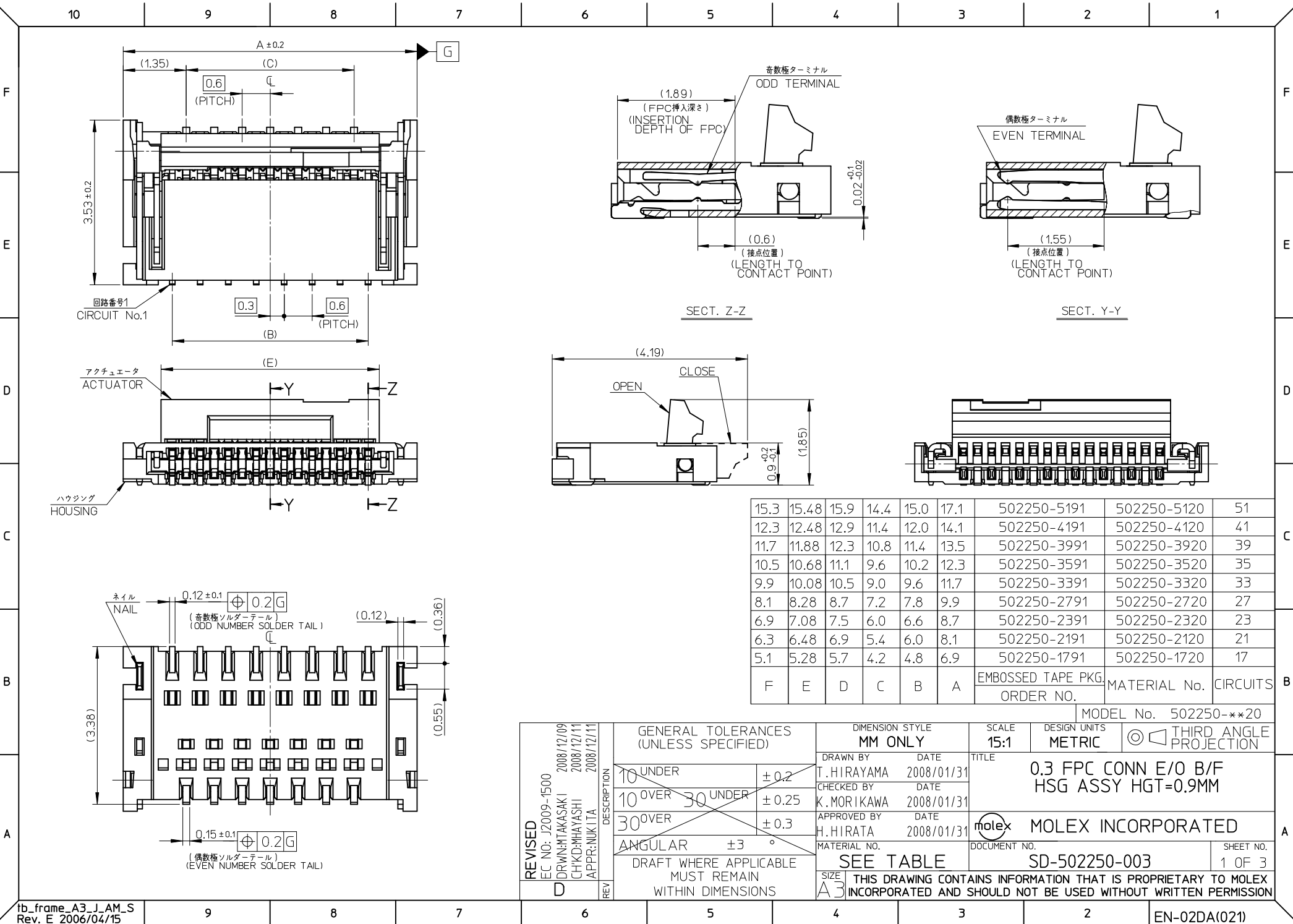
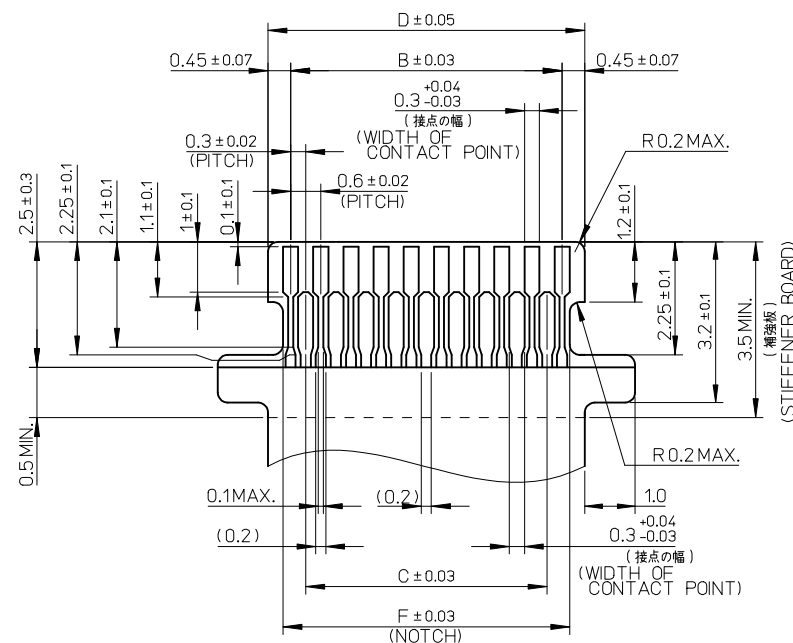




15.3	15.48	15.9	14.4	15.0	17.1	502250-5191	502250-5120	51
12.3	12.48	12.9	11.4	12.0	14.1	502250-4191	502250-4120	41
11.7	11.88	12.3	10.8	11.4	13.5	502250-3991	502250-3920	39
10.5	10.68	11.1	9.6	10.2	12.3	502250-3591	502250-3520	35
9.9	10.08	10.5	9.0	9.6	11.7	502250-3391	502250-3320	33
8.1	8.28	8.7	7.2	7.8	9.9	502250-2791	502250-2720	27
6.9	7.08	7.5	6.0	6.6	8.7	502250-2391	502250-2320	23
6.3	6.48	6.9	5.4	6.0	8.1	502250-2191	502250-2120	21
5.1	5.28	5.7	4.2	4.8	6.9	502250-1791	502250-1720	17
F	E	D	C	B	A	EMBOSSED TAPE PKG ORDER NO.	MATERIAL No.	CIRCUITS

REVISED EC NO: J2009-1500 D DRAWN: TAKASAKI CHKD: HAYASHI APPR: NUKITA	DESCRIPTION 2008/12/09 2008/12/11 2008/12/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± 0.2	DRAWN BY T. HIRAYAMA	DATE 2008/01/31	TITLE 0.3 FPC CONN E/O B/F HSG ASSY HGT=0.9MM					
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. MORIKAWA	DATE 2008/01/31						
		30 OVER	± 0.3	APPROVED BY H. HIRATA	DATE 2008/01/31	MOLEX INCORPORATED					
		ANGULAR	± 3 °	MATERIAL NO.							DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502250-003				1 OF 3	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



挿入位置確認用耳つきFPC
WITH EARS FOR FPC INSERTION ALIGNMENT

(仕上がり厚さ : 0.2 ± 0.03)
(THICKNESS : 0.2 ± 0.03)

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。
 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。

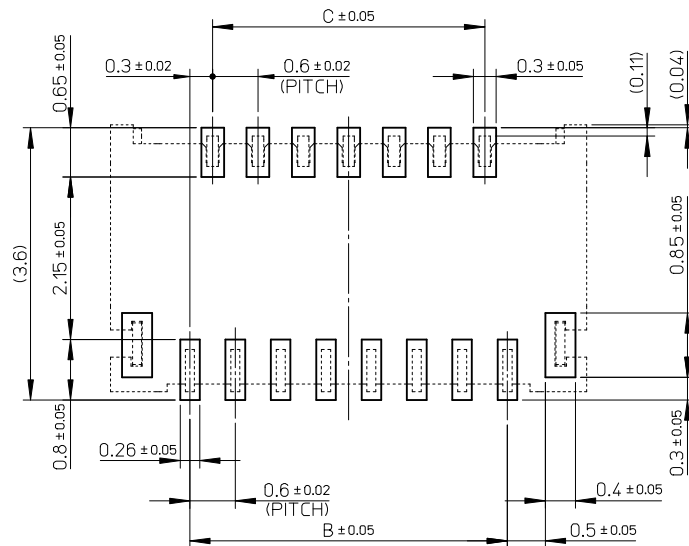
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFNER FILM SIDE.

STIFFENER FILM : POLYIMIDE

BONDING AGENT : THERMOSETTING AGENT

PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE
CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

tb_frame_A3_J_AM_S
Rev. E 2006/04/15



推奨基板レイアウト図 (マウント面)
P.C. BOARD PATTERN
RECOMMENDED DIMENSION
(MOUNTING AREA)

注記 NOTES

1. 使用材料 MATERIAL

ハウジング : 液晶ポリマー ガラス充填 UL94V-0 (ナチュラル)

HOUSING : LIQUID CRYSTAL POLYMER (GLASS FILLED)

UL94V-0(COLOR:NATURAL)

アクチュエータ : ポリフェニレンサルファイド ガラス充填 UL94V-0 (黒)

ACTUATOR : POLYPHENYLENE SULFIDE (GLASS FILLED)

UL94V-0(COLOR:BLACK)

ターミナル : 銅ニッケルスズ合金、ニッケル下地部分金メッキ (接触部及びテール部)

TERMINAL : COPPER NICKEL TIN ALLOY,

PARTLY GOLD(CONTACT,TAIL) OVER NICKEL PLATING

ネイル : リン青銅、ニッケル下地 錫めっき

FITTING NAIL : PHOSPHOR-BRONZE, TIN OVER NICKEL PLATING

2. ソルダータール半田付け面、及びネイル半田付け面の平坦度 : 0.1mmMAX.

COPLANARITY OF SOLDER TAILS AND FITTING NAILS

TO BE 0.1mm MAX.

3. 基板実装前にアクチュエータを操作しないで下さい。

PLEASE DO NOT OPERATE THE ACTUATOR BEFORE MOUNTING.

必ず基板に実装し、FPCを挿入してからアクチュエータを操作して下さい。

PLEASE OPERATE THE ACTUATOR AFTER MOUNTING ON

THE SUBSTRATE,AND MATING FPC.

4. 推奨メタルマスク RECOMMENDED METAL MASK SPECIFICATION

マスク厚 : 0.1mm MASK THICKNESS : 0.1mm

なお、貴社にて上記以外でご利用頂く場合は、事前に確認頂きますようお願い致します。

WHEN USE IT OTHER THAN THE ABOVE IN YOUR COMPANY,

PLEASE CONFIRM IT BEFOREHAND.

5. ELV 及び RoHS適合品

ELV AND RoHS COMPLIANT.

SEE SHEET 1 EC NO.: J2009-1500 DRWN:MTAKASAKI 2008/12/09 CHKD:MHAYASHI 2008/12/11 APPR:NUKITA 2008/12/11	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY T. HIRAYAMA	DATE 2008/01/31	TITLE 0.3 FPC CONN E/O B/F HSG ASSY HGT=0.9MM			
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. MORIKAWA	DATE 2008/01/31				
		30 OVER	± 0.3	APPROVED BY H. HIRATA	DATE 2008/01/31	MOLEX INCORPORATED			
		ANGULAR ±3 °	MATERIAL NO.		DOCUMENT NO.				
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-502250-003		3 OF 3	
D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

10

9

8

7

6

5

4

3

2

1

F

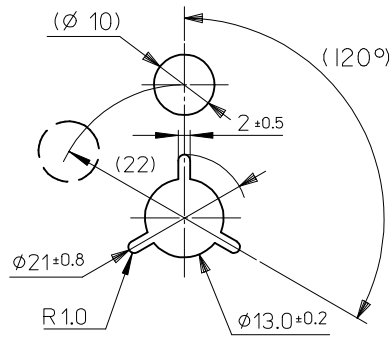
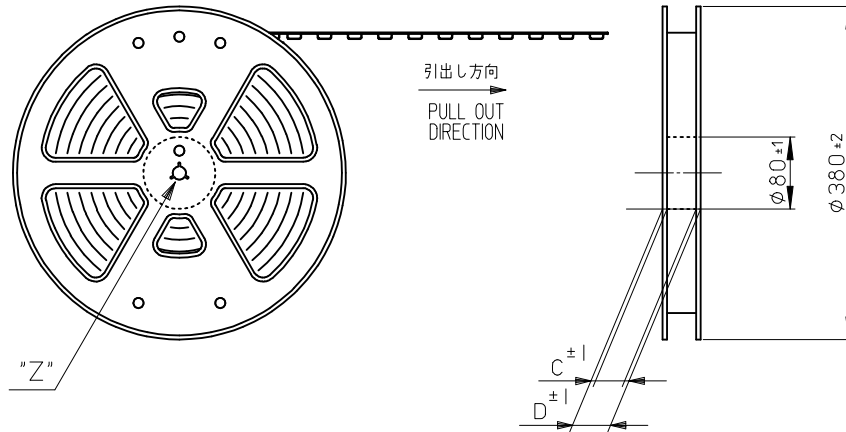
E

D

C

B

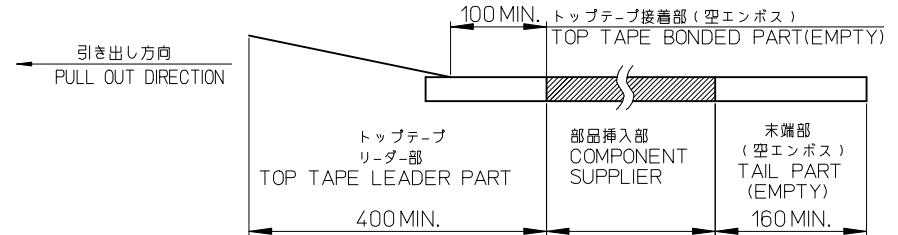
A



DETAIL "Z"

NOTES

- 製品 (502250-**20) の詳細寸法については、
図面SD-502250-003をご参照ください
IN THE PACKAGE, PART NO. 502250-**20 DETAILED DIMENSIONS,
REFER TO SALES DRAWING NO. SD-502250-003.
- 梱包数量: 3000 個/リール
NUMBER OF CONNECTORS:3000 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH



- 材料(MATERIAL)
キャリアテープ(CARRIER TAPE): ポリスチレン(POLYSTYRENE)
トップテープ(TOP TAPE): PET, OTHER
リール(REEL): ポリスチレン(POLYSTYRENE)<リサイクル材を含む>
<RECYCLE MATERIAL CONTAINED>
- ELV 及び RoHS適合品
ELV AND RoHS COMPLIANT.

9

8

7

6

5

4

3

2

EN-02JA(021)

REVISED EC NO: J2009-1500 DRWN:MTAKASAKI 2008/12/09 CHKD:MHAYASHI 2008/12/11 APPR:NUKITA 2008/12/11 C	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER ± 0.2	DRAWN BY T. HIRAYAMA DATE 2008/01/31		TITLE 0.3 FPC CONN E/O B/F HGT=0.9MM EMBSTP PKG			
		10 OVER 30 UNDER ± 0.25	CHECKED BY K. MORIKAWA DATE 2008/01/31					
		30 OVER ± 0.3	APPROVED BY H. HIRATA DATE 2008/01/31					
		ANGULAR ± 3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-502250-004		
	REV	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				

10

9

8

7

6

5

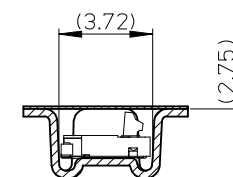
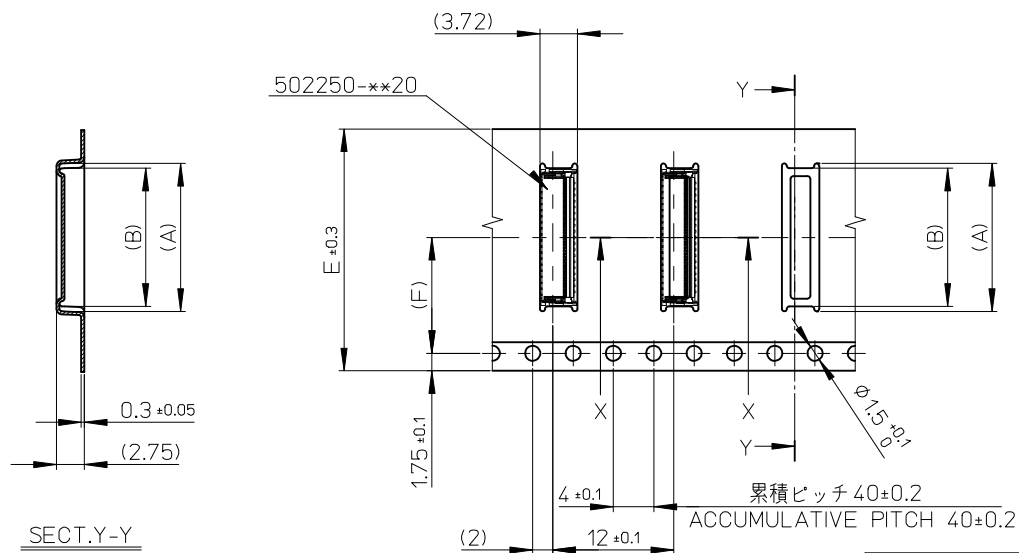
4

3

2

1

引き出し方向
PULL OUT DIRECTION



24	11.5	24	29.4	25.4	14.3	15.3	502250-4191	41	
					13.7	14.7	502250-3991	39	
					12.5	13.5	502250-3591	35	
					11.9	12.9	502250-3391	33	
					10.1	11.1	502250-2791	27	
					8.9	9.9	502250-2391	23	
					8.3	9.3	502250-2191	21	
16	7.5	16	21.4	17.4	7.1	8.1	502250-1791	17	
キャリアテープ幅 CARRIER TAPE WIDTH		(F)	E	D	C	(B)	(A)	製品番号 MATERIAL NO.	極数 CIRCUIT

SEE SHEET 1 EC NO.: J2009-1500 DRWN: MTAKASAKI CHKD: HAYASHI APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY T. HIRAYAMA	DATE 2008/01/31	TITLE 0.3 FPC CONN E/O B/F HGT=0.9MM EMBSTP PKG		
		10 OVER 30 UNDER	±0.25	CHECKED BY K. MORIKAWA	DATE 2008/01/31			
		30 OVER	±0.3	APPROVED BY H. HIRATA	DATE 2008/01/31			
		ANGULAR ±3 °		MATERIAL NO.			DOCUMENT NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-502250-004		2 OF 3	
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9

8

7

6

5

4

3

2

10

9

8

7

6

5

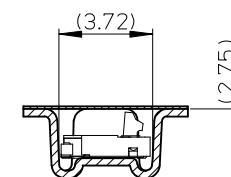
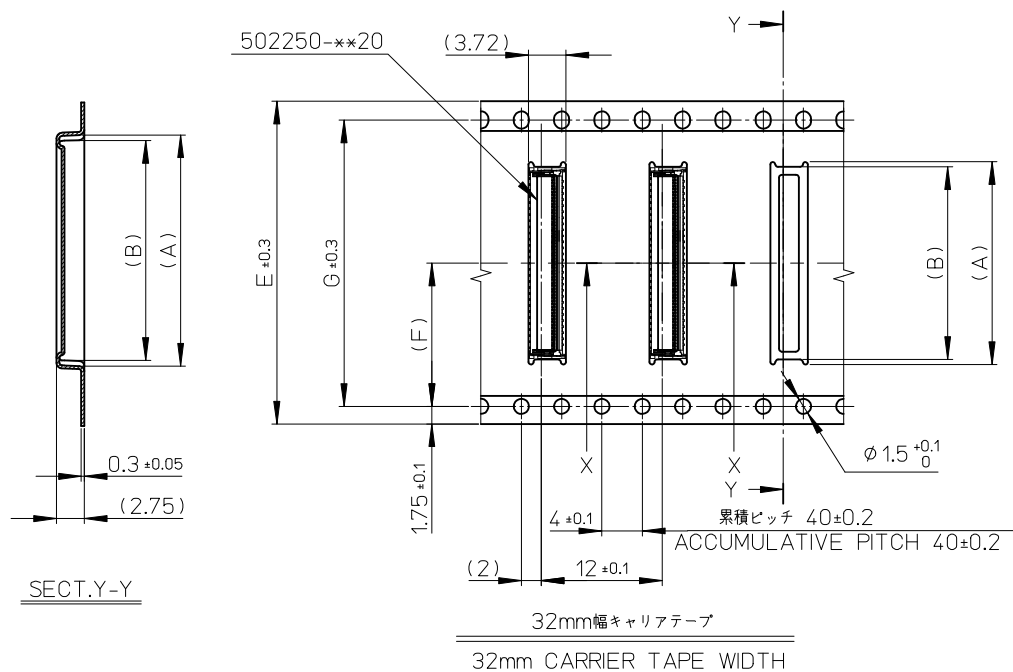
4

3

2

1

引き出し方向
PULL OUT DIRECTION



SECT.X-X

SECT.Y-Y

32	28.4	14.2	32	37.4	33.4	17.3	18.3	502250-5191	51
キャリアテープ幅 CARRIER TAPE WIDTH	G	(F)	E	D	C	(B)	(A)	製品番号 MATERIAL NO.	極数 CIRCUIT

SEE SHEET 1 EC NO.: J2009-1500 DRWN: MTAKASAKI 2008/12/09 CHKD: HAYASHI 2008/12/11 APPR: NUKITA 2008/12/11	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY DATE T. HIRAYAMA 2008/01/31		TITLE 0.3 FPC CONN E/O B/F HGT=0.9MM EMBSTP PKG		
		10 OVER 30 UNDER	± 0.25	CHECKED BY DATE K. MORIKAWA 2008/01/31				
		30 OVER	± 0.3	APPROVED BY DATE H. HIRATA 2008/01/31				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502250-004		3 OF 3	
	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9

8

7

6

5

4

3

2