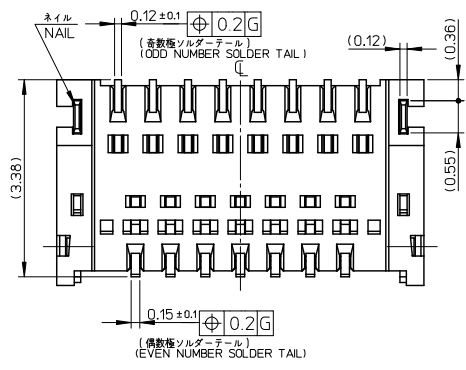
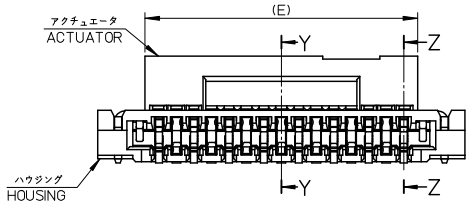
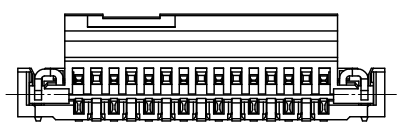
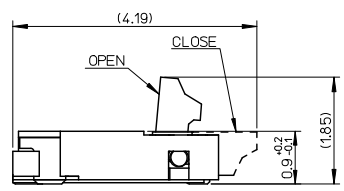
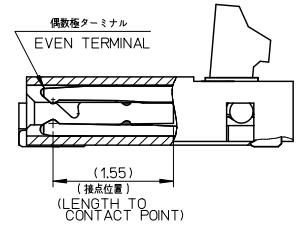
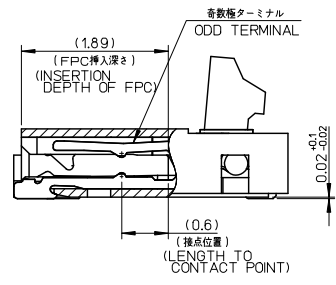
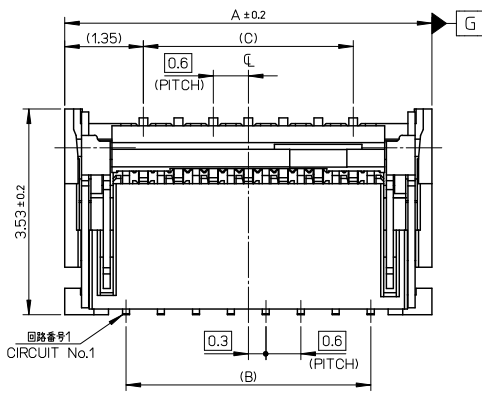


10 9 8 7 6 5 4 3 2 1



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	MATERIAL No.	CIRCUITS	
							ORDER NO.		

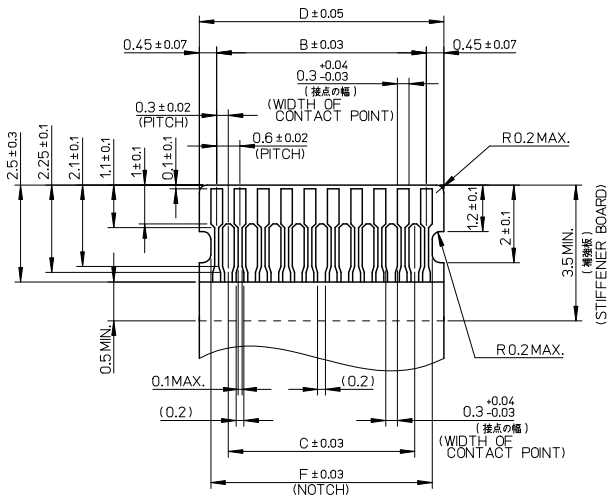
MODEL No. 502250-\*\*\*20

REVISED EC NO: J2009-1500 D DR: N. TAKASAKI CH: K. HAYASHI APPR: N. ITO 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	
	<del>10 UNDER</del> ± 0.2 <del>10 OVER</del> ± 0.25 <del>30 OVER</del> ± 0.3 ANGULAR ± 3	DRAWN BY: T. HIRAYAMA CHECKED BY: K. MORIKAWA APPROVED BY: H. HIRATA DATE: 2008/01/31 DATE: 2008/01/31 DATE: 2008/01/31	TITLE 0.3 FPC CONN E/O B/F HSG ASSY HGT=0.9MM	MOLEX INCORPORATED SD-502250-003		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		SIZE A	DOCUMENT NO.		SHEET NO.	

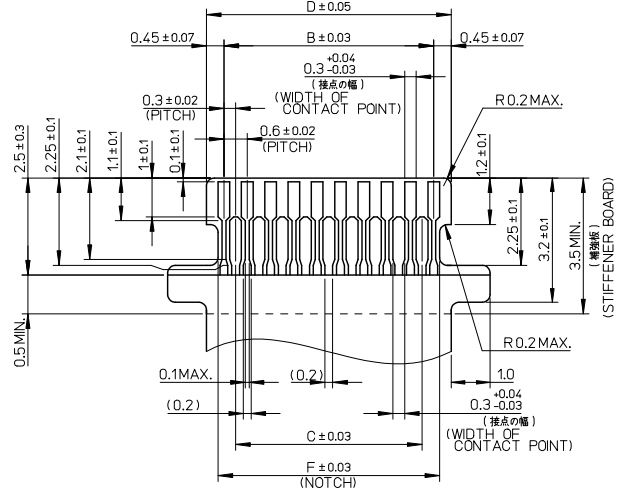
tb\_frame\_A3\_J\_AM\_S Rev. E 2006/04/15

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標準 FPC  
STANDARD



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

嵌合FPC推奨寸法  
APPLICABLE FPC  
RECOMMENDED DIMENSION  
(仕上がり厚さ: 0.2 ± 0.03)  
(THICKNESS: 0.2 ± 0.03)

FPCについて:

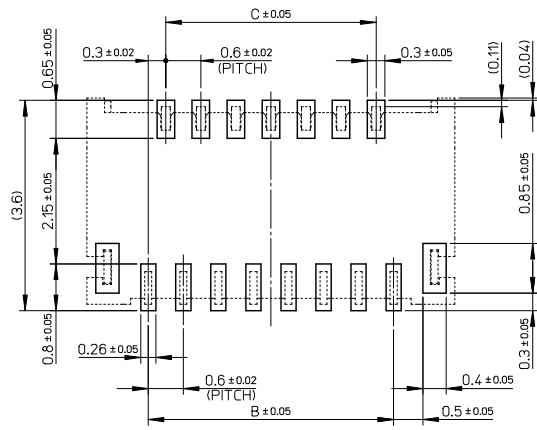
抜き方向は、導体側から補強板側を推奨致します。  
補強フィルム材質は、ポリイミドを推奨致します。  
接着剤は熱硬化接着剤を推奨致します。  
尚、接着剤の接点部への付着は導通不良の原因になりますので、  
ご留意しお願い致します。

ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION:  
FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.  
RECOMMENDED MATERIAL:  
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.

SEE SHEET 1 EC NO: J2009-1500 DRAWN BY: T. HIRAYAMA CHKD BY: CHYOKUHAYASHI APPR: NIKITA	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	MOLEX INCORPORATED	
	30 OVER ±0.3	APPROVED BY H. HIRATA	DATE 2008/01/31	DOCUMENT NO. SD-502250-003	SHEET NO. 2 OF 3
ANGULAR ±3	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE SHEET 1	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



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

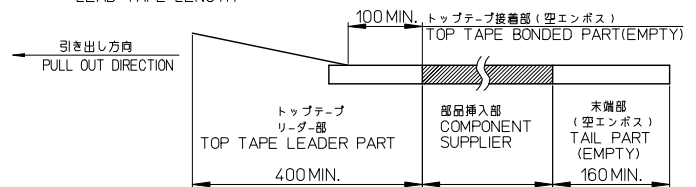
1. 使用材料 MATERIAL  
ハウジング: 液晶ポリマー ガラス充填 UL94V-0 (ナチュラル)  
HOUSING: LIQUID CRYSTAL POLYMER (GLASS FILLED)  
UL94V-0(COLOR:NATURAL)  
アクチュエータ: ポリフェニレンサルファイド ガラス充填 UL94V-0 (黒)  
ACTUATOR: POLYPHENYLENE SULFIDE (GLASS FILLED)  
UL94V-0(COLOR:BLACK)  
ターミナル: 銅ニッケルスズ合金、ニッケル下地部分金メッキ (接触部及びテール部)  
TERMINAL: COPPER NICKEL TIN ALLOY,  
PARTLY GOLD(CONTACT, TAIL) OVER NICKEL PLATING  
ニール: リン青銅、ニッケル下地鍍めつき  
FITTING NAIL: PHOSPHOR-BRONZE, TIN OVER NICKEL PLATING
2. ソルダテール半田付け面、及びニール半田付け面の平坦度: 0.1mm MAX.  
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使用頂く場合は、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 DRAWN BY: DRWNHTAKASAKI CHKD BY: CHYKDMAYASHI APPR: APRPNIKITA	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	MOLEX INCORPORATED		
	30 OVER	±0.3	APPROVED BY H. HIRATA	DATE 2008/01/31	DOCUMENT NO. SD-502250-003	SHEET NO. 3 OF 3	
ANGULAR ±3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 1			
SIZE A3				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

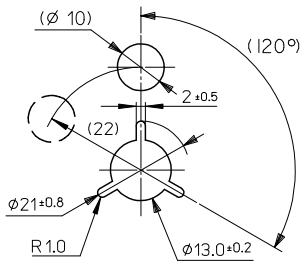
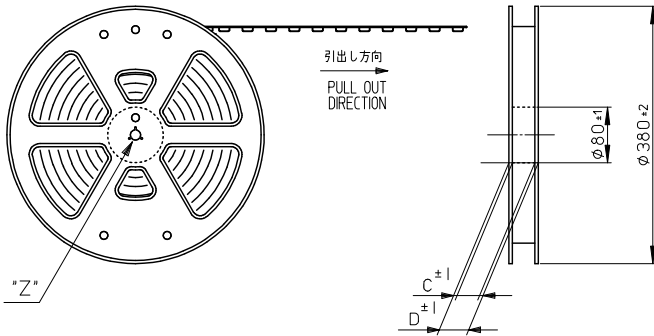
10 9 8 7 6 5 4 3 2 1

**NOTES**

1. 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.
2. 梱包数量: 3000 個/リール  
NUMBER OF CONNECTORS: 3000 PCS/REEL
3. リードテープ長を  
LEAD TAPE LENGTH



4. 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>
5. ELV 及び RoHS 適合品  
ELV AND RoHS COMPLIANT.



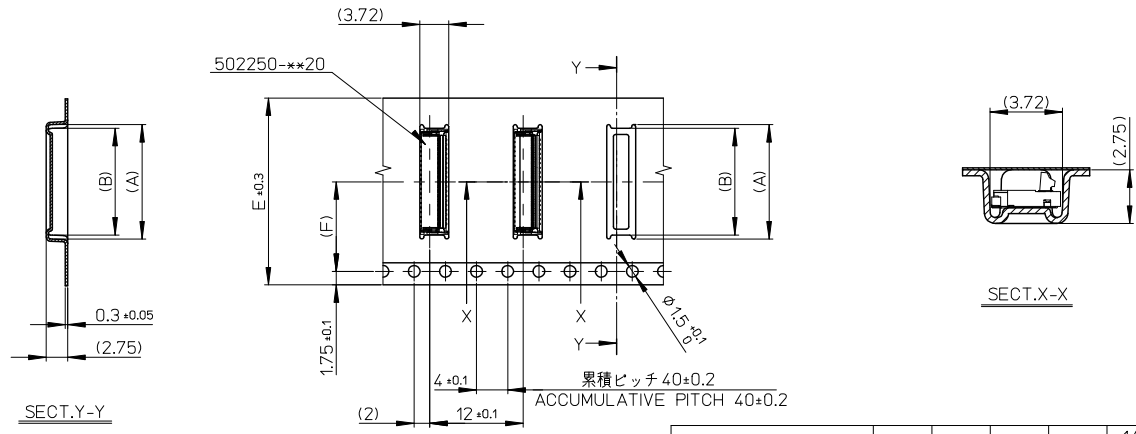
DETAIL "Z"

502250-\*\*91 MODEL NO.

REVISED EC NO: J2009-1500 DRAWN: TAKASAKI 2008/12/09 CHKD: HAYASHI 2008/12/11 APPR: NIKITA 2008/12/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	$\pm 0.2$	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	$\pm 0.25$	CHECKED BY K. MORIKAWA	DATE 2008/01/31	MOLEX INCORPORATED	
	30 OVER	$\pm 0.3$	APPROVED BY H. HIRATA	DATE 2008/01/31	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-502250-004
ANGULAR $\pm 3^\circ$			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

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	
16	7.5	16	21.4	17.4	8.9	9.9	502250-2391	23	
					8.3	9.3	502250-2191	21	
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

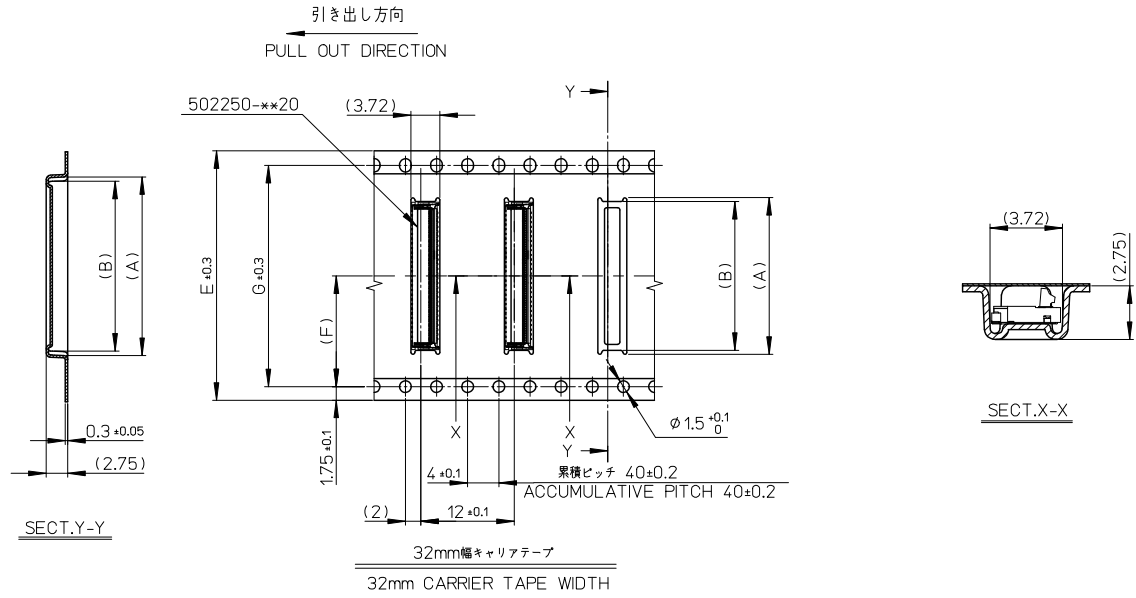
MODEL No. 502250-\*\*-91

SEE SHEET 1 EC NO: J2009-1500 DRAWN: TAKASAKI 2008/12/09 CHKD: HAYASHI 2008/12/11 APPR: NIKITA 2008/12/11	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	APPROVED BY H. HIRATA	
	30 OVER	±0.3	DATE 2008/01/31	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-502250-004
ANGULAR ±3°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3		SHEET NO. 2 OF 3	

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Rev. E 2006/04/15

EN-02JA(021)

10 9 8 7 6 5 4 3 2 1



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

MODEL No. 502250-\*\*-91

SEE SHEET 1 EC NO: J2009-1500 DRAWN: TAKASAKI 2008/12/09 CHECKED BY: CHYKOHAYASHI 2008/12/11 APPROVED BY: APRRNIKI TA 2008/12/11	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	MOLEX INCORPORATED	
	30 OVER	±0.3	APPROVED BY H. HIRATA	DATE 2008/01/31	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-502250-004
ANGULAR ±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		