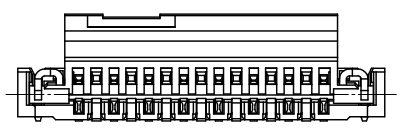
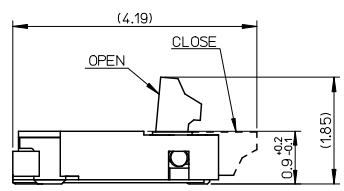
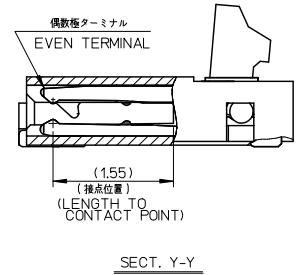
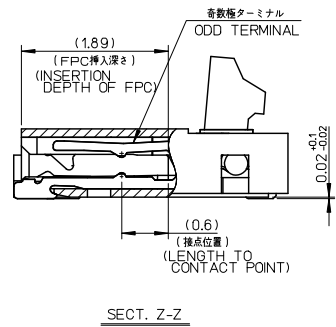
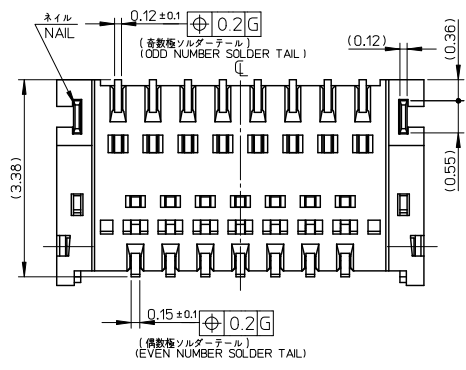
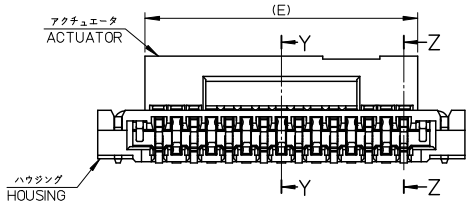
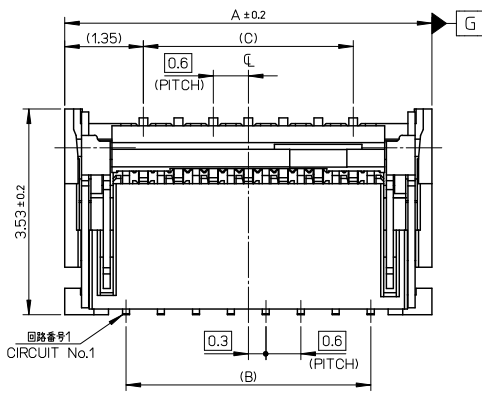


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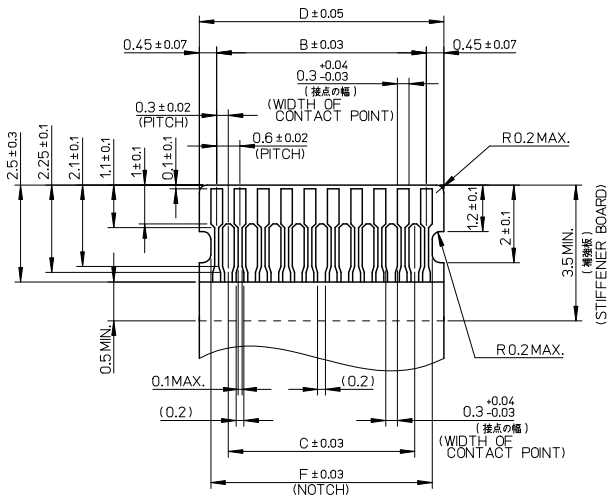


15.3	15.48	15.9	14.4	15.0	17.1	502250-5191	502250-5120	51
12.3	12.48	12.9	11.4	12.0	14.1	502250-4191	502250-4120	41
11.7	11.88	12.3	10.8	11.4	13.5	502250-3991	502250-3920	39
10.5	10.68	11.1	9.6	10.2	12.3	502250-3591	502250-3520	35
9.9	10.08	10.5	9.0	9.6	11.7	502250-3391	502250-3320	33
8.1	8.28	8.7	7.2	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.	

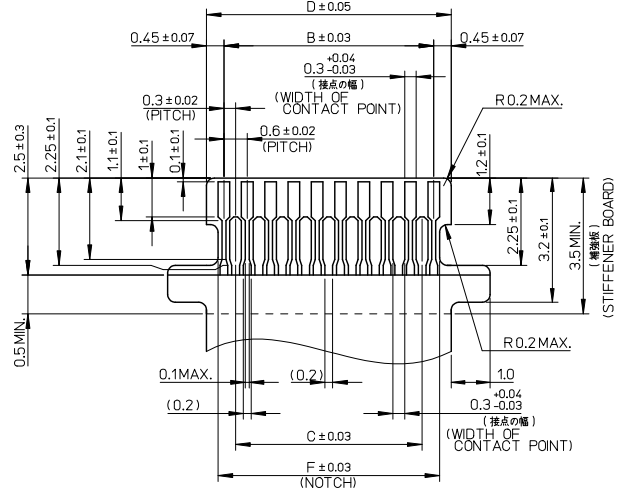
MODEL No. 502250-\*\*\*20

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	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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 DOCUMENT NO. SD-502250-003		
	SEE TABLE		SHEET NO. 1 OF 3		SHEET NO. 1 OF 3	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					EN-02DA(021)

10 9 8 7 6 5 4 3 2 1



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:

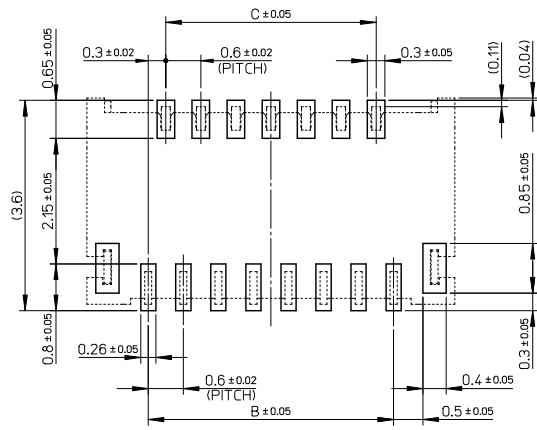
抜き方向は、導体側から補強板側を推奨致します。  
補強フィルム材質は、ポリイミドを推奨致します。  
接着剤は熱硬化接着剤を推奨致します。  
尚、接着剤の接点部への付着は導通不良の原因になりますので、  
ご留意しお願い致します。

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	± 0.25	CHECKED BY K. MORIKAWA	DATE 2008/01/31	MOLEX INCORPORATED			
	30 OVER	± 0.3	APPROVED BY H. HIRATA	DATE 2008/01/31				
ANGULAR	± 3	MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-502250-003	SHEET NO. 2 OF 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					

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

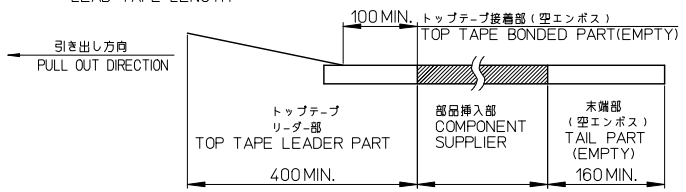
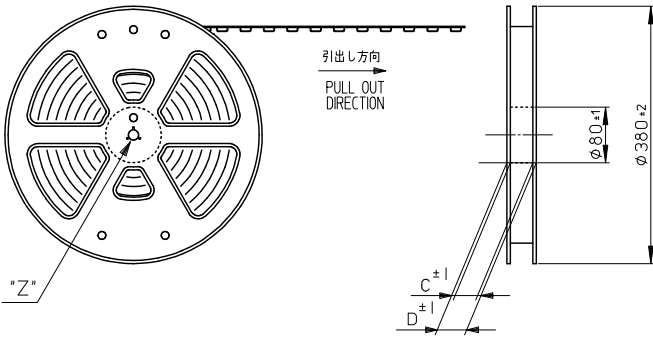
1. 使用材料 MATERIAL  
ハウジング: 液晶ポリマー ガラス充填 UL94V-0 (ナチュラル)  
HOUSING: LIQUID CRYSTAL POLYMER (GLASS FILLED)  
UL94V-0(COLOR:NATURAL)  
アクチュエータ: ポリフェニレンサルファイド ガラス充填 UL94V-0 (黒)  
ACTUATOR: POLYPHENYLENE SULFIDE (GLASS FILLED)  
UL94V-0(COLOR:BLACK)  
ターミナル: 銅ニッケルスズ合金、ニッケル下地部分金メッキ (接触部及びテール部)  
TERMINAL: COPPER 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: 0.1mmMAX.  
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			
ANGULAR ±3°		MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-502250-003	SHEET NO. 3 OF 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					

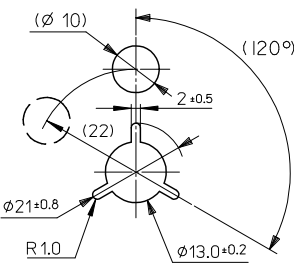
10 9 8 7 6 5 4 3 2 1

**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
- リードテープ長を  
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.

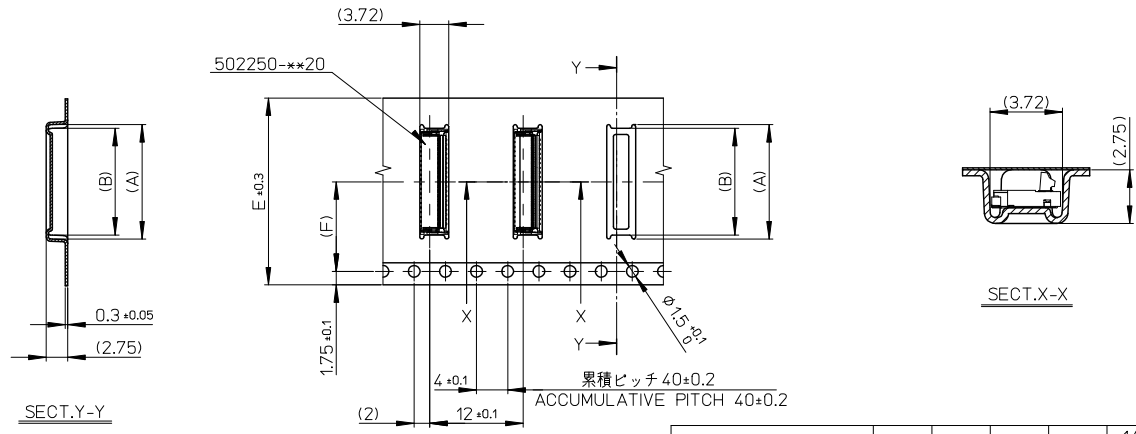


DETAIL "Z"

REVISED EC NO: J2009-1500 DRAWN: TAKASAKI 2008/12/09 CHKD: HAYASHI 2008/12/11 APPR: NIKITA 2008/12/11	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	502250-**91	MODEL NO.
				MM ONLY	---	DESIGN UNITS	THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE	
		10 OVER 30 UNDER	± 0.25	T. HIRAYAMA	2008/01/31	0.3 FPC CONN E/O B/F HGT=0.9MM EMBSTP PKG	
	30 OVER	± 0.3	CHECKED BY	DATE			
	ANGULAR	± 3 °	K. MORIKAWA	2008/01/31			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE			
			H. HIRATA	2008/01/31			
			MATERIAL NO.	SEE CHART	MOLEX INCORPORATED		
			SIZE	A3	DOCUMENT NO.	SD-502250-004	SHEET NO. 1 OF 3
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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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	
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

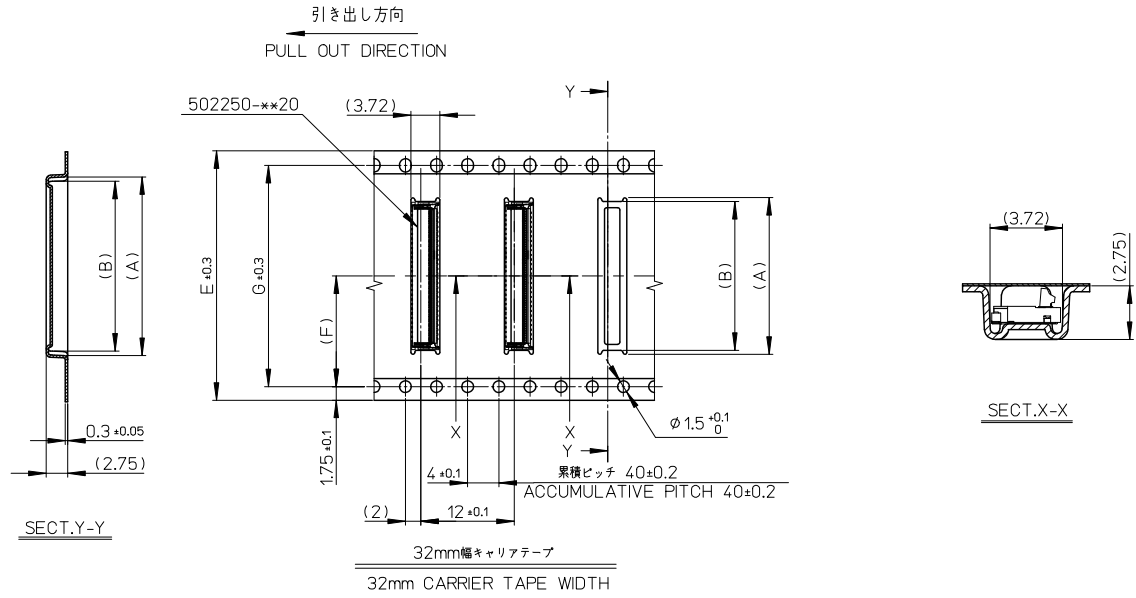
MODEL No. 502250-\*\*-91

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	MOLEX INCORPORATED	
	30 OVER	±0.3	APPROVED BY H. HIRATA	DATE 2008/01/31	DOCUMENT NO. SD-502250-004	SHEET NO. 2 OF 3
ANGULAR ±3°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		
SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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Rev. E 2006/04/15

EN-02JA(021)

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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 DRAWN BY: IRWIN TAKASAKI CHECKED BY: CHYKOHAYASHI APPROVED BY: APRRNIKI TA DATE: 2008/12/09 DATE: 2008/12/11 DATE: 2008/12/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL No. 502250-**-91	
	10 UNDER	±0.2	DRAWN BY	DATE	TITLE			
	10 OVER 30 UNDER	±0.25	T. HIRAYAMA	2008/01/31	0.3 FPC CONN E/O B/F HGT=0.9MM EMBSTP PKG			
	30 OVER	±0.3	CHECKED BY	DATE	MOLEX INCORPORATED			
ANGULAR	±3 °	K. MORIKAWA	2008/01/31	APPROVED BY		DATE		DOCUMENT NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		H. HIRATA		2008/01/31		SD-502250-004
		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.		3 OF 3

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Rev. E 2006/04/15

9 8 7 6 5 4 3 2 1 EN-02JA(021)