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ELV AND RoHS COMPLIANT.

NOTES

- 梱包数量: 900 個/リール
NUMBER OF CONNECTORS: 900 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH

トップテープ接着部
TOP TAPE BONDED PART
(空エンボス)
(EMPTY)

100 MIN.

引き出し方向
PULL OUT DIRECTION



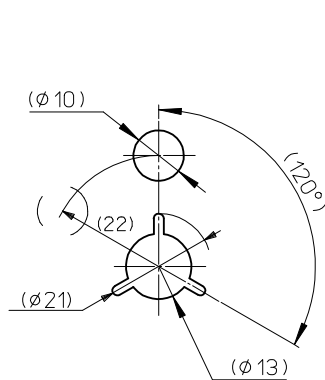
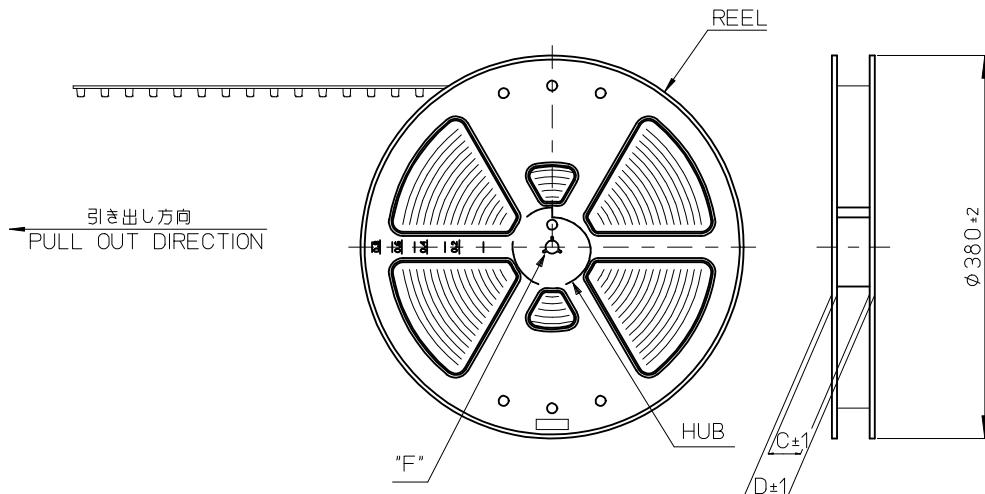
- 製品詳細寸法については図面 SD-501786-008 を参照下さい。
RE DETAILED DIMENSION, SEE SD-501786-008.

4. 材料(MATERIAL)

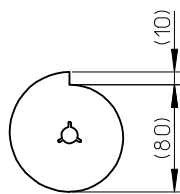
キャリアテープ(CARRIER TAPE): ポリスチレン(POLYSTYRENE)
トップテープ(TOP TAPE): PET, PE, PE
リール(REEL): ポリスチレン(POLYSTYRENE)<リサイクル材を含む>
<RECYCLE MATERIAL CONTAINED>

5. ELV及びRoHS適合品

ELV AND RoHS COMPLIANT



DETAIL "F"



HUB

501786-**91

MODEL NO.

GENERAL TOLERANCES
(UNLESS SPECIFIED)DIMENSION STYLE
MM ONLY

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

REVISED
EC NO: J2009-1986
DRWN: YSHIBATA 2009/02/26
CHKD: THARUYAMA 2009/02/26
APPR: NUKITA 2009/02/26

DESCRIPTION

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	

DRAWN BY	DATE
H. IJIMA	07/12/25
CHECKED BY	DATE
K. MORIKAWA	07/12/25
APPROVED BY	DATE
H. HIRATA	07/12/25
MATERIAL NO.	

TITLE	EMBSTP PKG FOR 0.5 FFC TO BOARD ST TYPE
MOLEX	MOLEX INCORPORATED
DOCUMENT NO.	SD-501786-009
SHEET NO.	1 OF 2

SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
A3	

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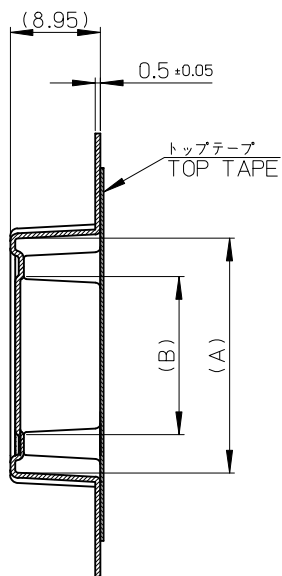
4

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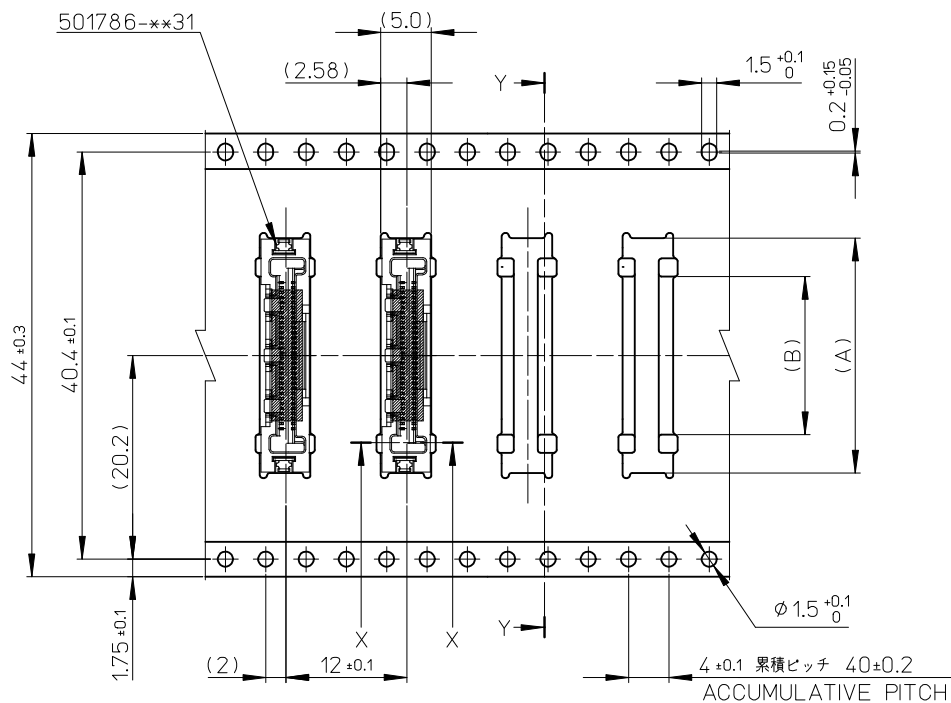
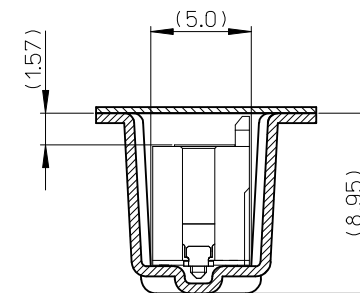
2

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ELV AND RoHS COMPLIANT.

引き出し方向
PULL OUT DIRECTION

SECT. Y-Y

44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

SECT. X-X

56	61.4	57.4	25.68	33.3	501786-5091	50
44	49.4	45.4	15.68	23.3	501786-3091	30
キャリアテープ幅 CARRIER TAPE WIDTH		D	C	B	A	製品番号 MATERIAL NO.
						極数 CKT

REVISED EC NO: J2009-1986 DRWN: YSHIBATA 2009/02/26 CHKD: THARUYAMA 2009/02/26 APPR: NUKITA 2009/02/26 A	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY H. IJIMA	DATE 07/12/25	TITLE EMBSTP PKG FOR 0.5 FFC TO BOARD ST TYPE				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. MORIKAWA	DATE 07/12/25					
		30 OVER	± 0.3	APPROVED BY H. HIRATA	DATE 07/12/25	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO. 501786-**91						
		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				

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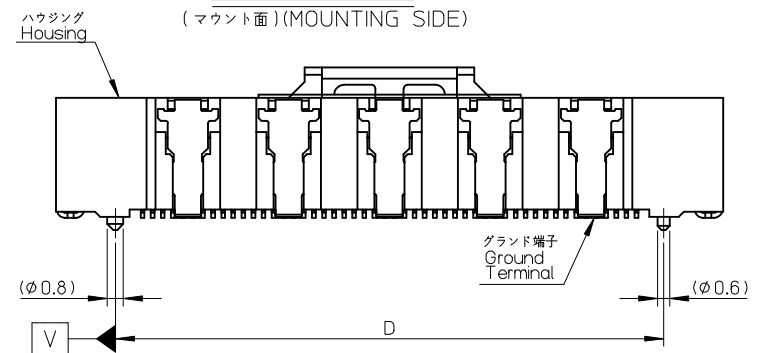
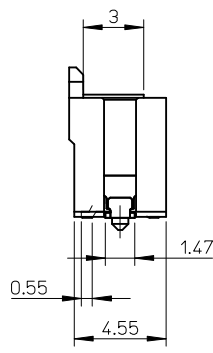
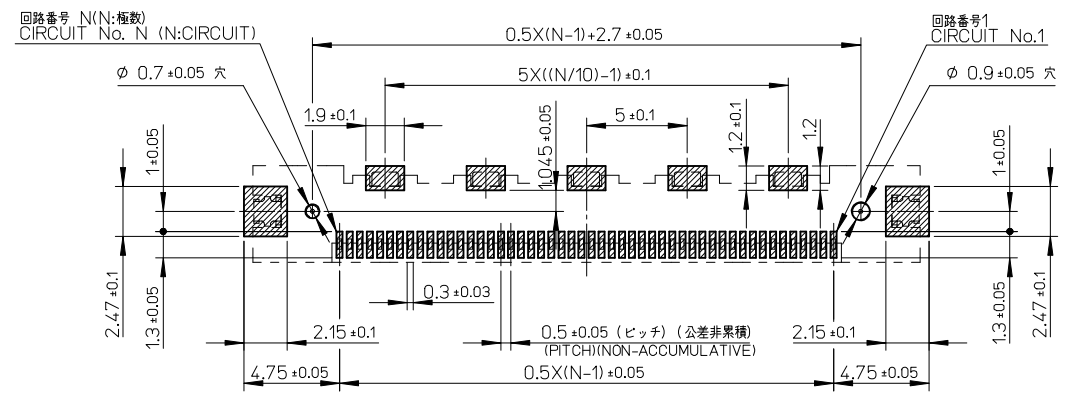
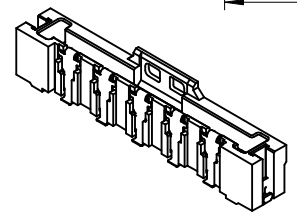
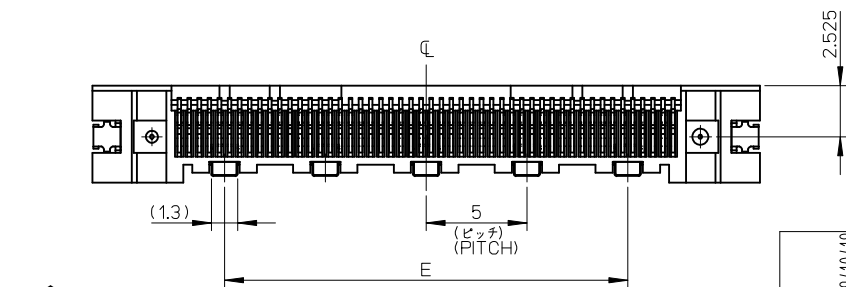
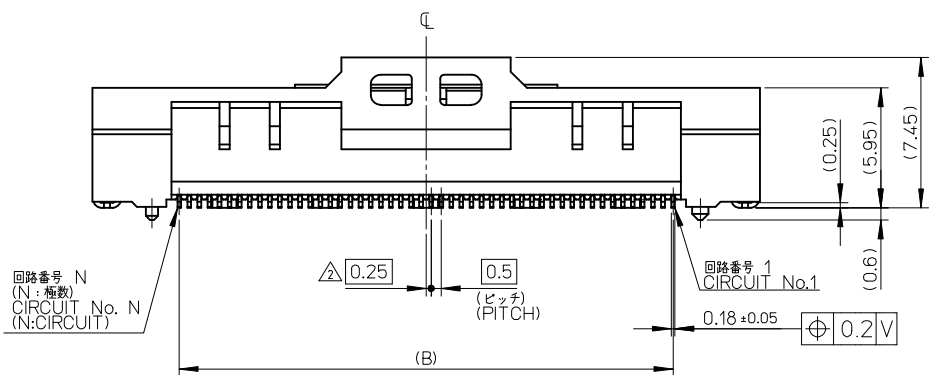
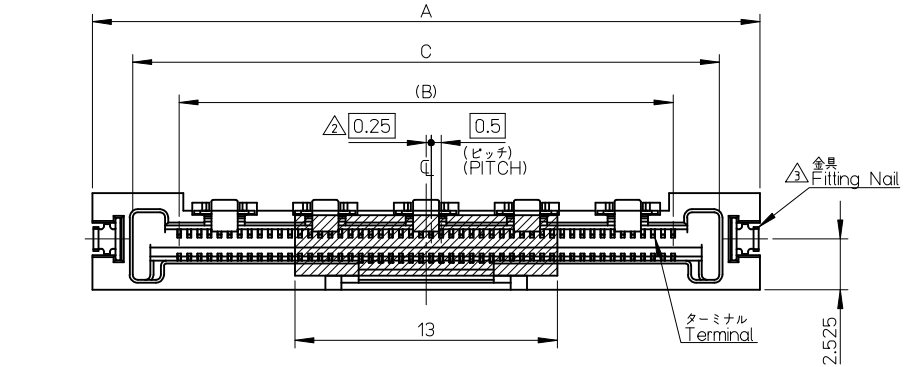
E

D

C

B

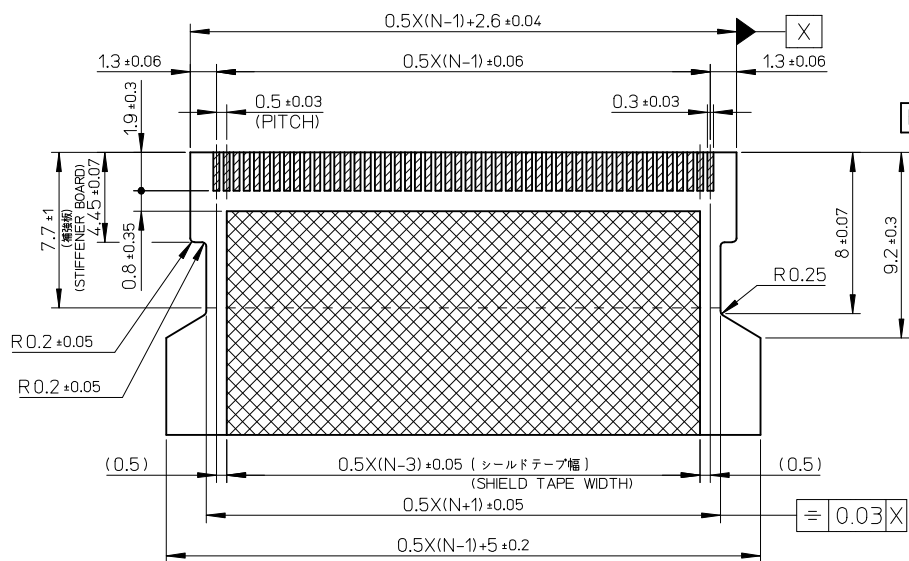
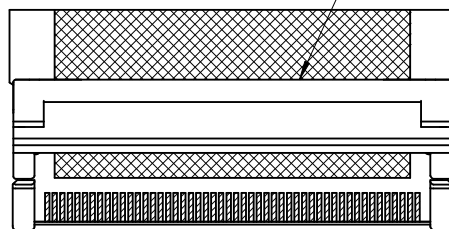
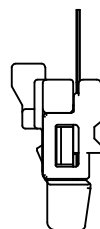
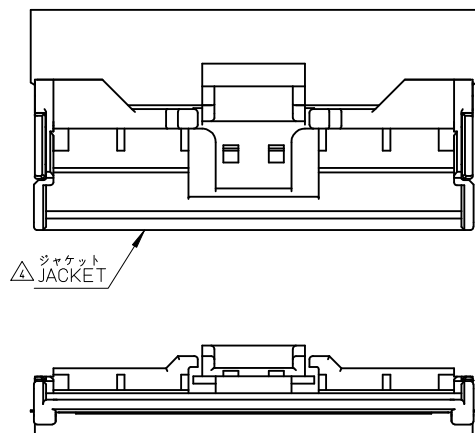
A



5	20	27.2	29.1	24.5	33.1	501786-5091	50
QTY of Ground Term						EMBOSSED TAPE PKG.	極数 CIRCUIT
						ORDER No. オーダー番号	

REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		CONNECTOR SERIES No. 501786-**31	
EC NO: J2010-0779		10 UNDER ±0.2		MM ONLY		THIRD ANGLE PROJECTION		METRIC			
DRWN: NISHI		10 OVER 30 UNDER ±0.25		DRAWN BY		DATE		DATE		0.5 FFC TO BOARD CONN	
CHKD: MATSUURA		30 OVER ±0.3		CHECKED BY		DATE		DATE		REC HSG ASSY (ST)	
APPR: KIMORI KAWA		ANGULAR ±1 °		APPROVED BY		DATE		DATE		MOLEX INCORPORATED	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART		DOCUMENT NO.		SD-501786-012	
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SHEET NO.	
										1 OF 2	

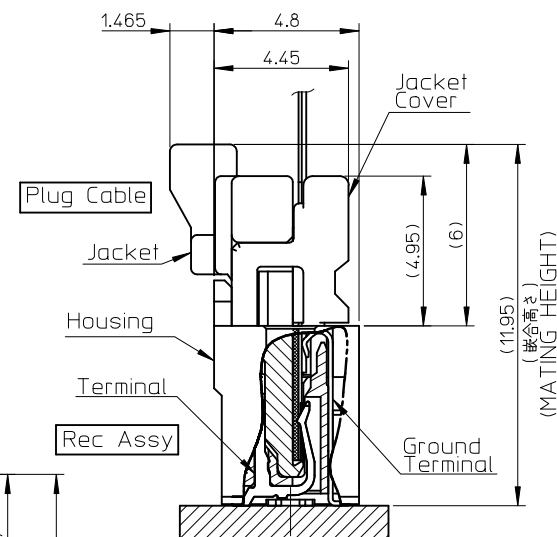
10 9 8 7 6 5 4 3 2 1



適合する金めっきFFC推奨寸法
APPLICABLE FFC OF GOLD PLATING
RECOMMENDED DIMENSION

(仕上がり厚さ: コネクタ接点部 0.3±0.03)
シールド部 0.44±0.05)
(THICKNESS : CONTACT AREA 0.3±0.03)
SHIELD AREA 0.44±0.05)

コネクタ接点部
CONTACT AREA
シールド部
SHIELD AREA



嵌合断面図
MATED CONNECTOR SECTION

6.FFCについて
ABOUT FFC

打ち抜き方向は導体側から補強板側を推奨します。

導体部については軟箔銅35μmまたは50μmを推奨します。

RECOMMENDED PUNCHING DIRECTION :
FROM CONDUCTOR SIDE TO STIFFENER SIDE

RECOMMENDED CONDUCTOR SPEC :
SOFT COPPER FOIL

RECOMMENDED CONDUCTOR THICKNESS :
35MICROMETER OR 50MICROMETER

7.ELV及びRoHS適合品

ELV AND RoHS COMPLIANT

注 記 NOTE

1. 使用材料 MATERIAL

ハウジング
HOUSING

: 液晶ポリマー (LCP)・ガラス充填,
UL94V-0 色: 黒色
LIQUID CRYSTAL POLYMER(LCP)
GLASS FILLED,UL94V-0 COLOR:BLACK

ターミナル
TERMINAL

: 焼青銅 (τ=0.18)
PHOSPHOR BRONZE(τ=0.18)

メッキ
PLATING

コンタクト部: 部分金めっき (0.1μm以上)
テル部: 部分金めっき
下地: ニッケルめっき (1.0μm以上)

CONTACT AREA : SEPARATED GOLD PLATING
(0.1μm MINIMUM)

SOLDER TAIL AREA : SEPARATED GOLD PLATING
UNDER PLATING : NICKEL OVERALL(1.0μm MINIMUM)

金具
FITTING NAIL

: 焼青銅 (τ=0.25)
ニッケル下地 錫メッキ (1.0μm以上)

PHOSPHOR BRONZE(τ=0.25)
TIN OVER NICKEL PLATING(1.0μm MINIMUM)

グラウンド端子
GROUND TERMINAL

: 焼青銅 (τ=0.15)
ニッケル下地 錫メッキ (1.0μm以上)

PHOSPHOR BRONZE(τ=0.15)
TIN OVER NICKEL PLATING(1.0μm MINIMUM)

△ N=偶数に適用 (N: 極数)
APPLY FOR N-EVENIN(CIRCUIT)

△ パターン剥離止め用金具
FITTING NAIL FOR PREVENTION OF PEELING
OF P.C.B. PATTERN.

△ 適合ジャケット: 503150-**09
製品詳細寸法はSD-503150-001を参照下さい。
APPLICABLE JACKET:503150-**09
RE DETAILED DIMENSION,SEE SD-503150-001.

△ 適合ジャケットカバー: 503151-**09
製品詳細寸法はSD-503151-001を参照下さい。
APPLICABLE JACKET:503151-**09
RE DETAILED DIMENSION,SEE SD-503151-001.

REVISED EC NO: J2010-0779 DRAWN: NISHI CHKD: NAKATSUURA APPR: KIMORI KAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE —//—	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 						
		10 UNDER	± 0.2	DRAWN BY YSHIBATA	DATE 2009/02/17	TITLE 0.5 FFC TO BOARD CONN REC HSG ASSY (ST)								
		10 OVER 30 UNDER	± 0.25	CHECKED BY THARUYAMA	DATE 2009/02/17									
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2009/02/17									
		ANGULAR ±1 °		MATERIAL NO.		MOLEX INCORPORATED								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1							DOCUMENT NO. SD-501786-012		SHEET NO. 2 OF 2	
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										