

## Excellent Integrated System Limited

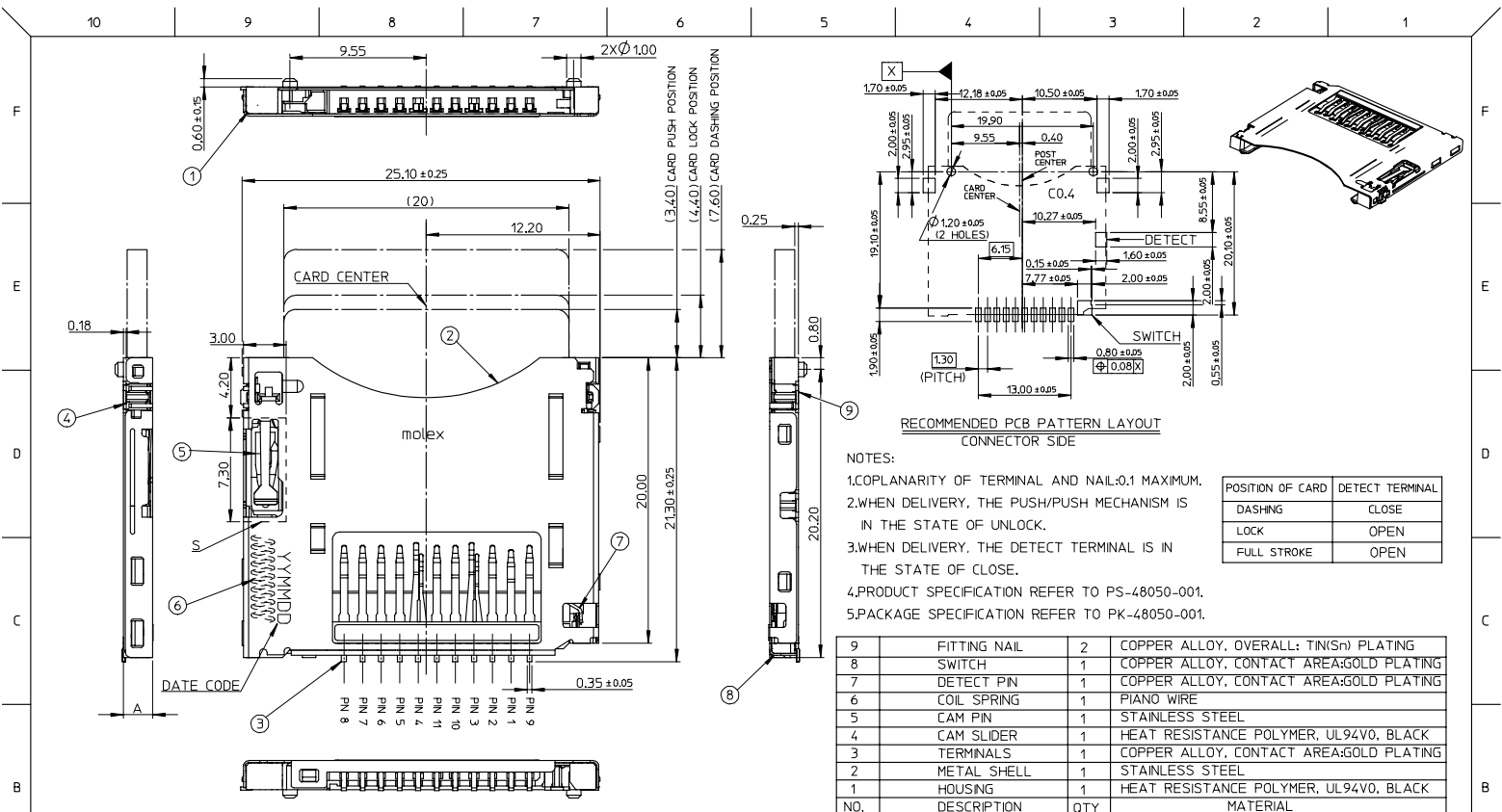
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[48050-0001](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**RECOMMENDED PCB PATTERN LAYOUT  
CONNECTOR SIDE**

- NOTES:
- 1.COPLANARITY OF TERMINAL AND NAIL:0.1 MAXIMUM.
  - 2.WHEN DELIVERY, THE PUSH/PUSH MECHANISM IS IN THE STATE OF UNLOCK.
  - 3.WHEN DELIVERY, THE DETECT TERMINAL IS IN THE STATE OF CLOSE.
  - 4.PRODUCT SPECIFICATION REFER TO PS-48050-001.
  - 5.PACKAGE SPECIFICATION REFER TO PK-48050-001.

POSITION OF CARD	DETECT TERMINAL
DASHING	CLOSE
LOCK	OPEN
FULL STROKE	OPEN

NO.	DESCRIPTION	QTY	MATERIAL
9	FITTING NAIL	2	COPPER ALLOY, OVERALL: TIN(Sn) PLATING
8	SWITCH	1	COPPER ALLOY, CONTACT AREA:GOLD PLATING
7	DETECT PIN	1	COPPER ALLOY, CONTACT AREA:GOLD PLATING
6	COIL SPRING	1	PIANO WIRE
5	CAM PIN	1	STAINLESS STEEL
4	CAM SLIDER	1	HEAT RESISTANCE POLYMER, UL94V0, BLACK
3	TERMINALS	1	COPPER ALLOY, CONTACT AREA:GOLD PLATING
2	METAL SHELL	1	STAINLESS STEEL
1	HOUSING	1	HEAT RESISTANCE POLYMER, UL94V0, BLACK

PIN NO	PIN NAME(SD MODE)
1	CD/DAT3
2	CMD
3	VSS1
4	VDD
5	CLK
6	VSS2
7	DAT2
8	DAT1
9	DAT2
10	NC(FOR FUTURE USE)
11	NC(FOR FUTURE USE)

DIM'A'	REMARK
2.03	WITHOUT CARD
2.10	WITH CARD INSERTION (ONLY FOR AREA OF 'S')

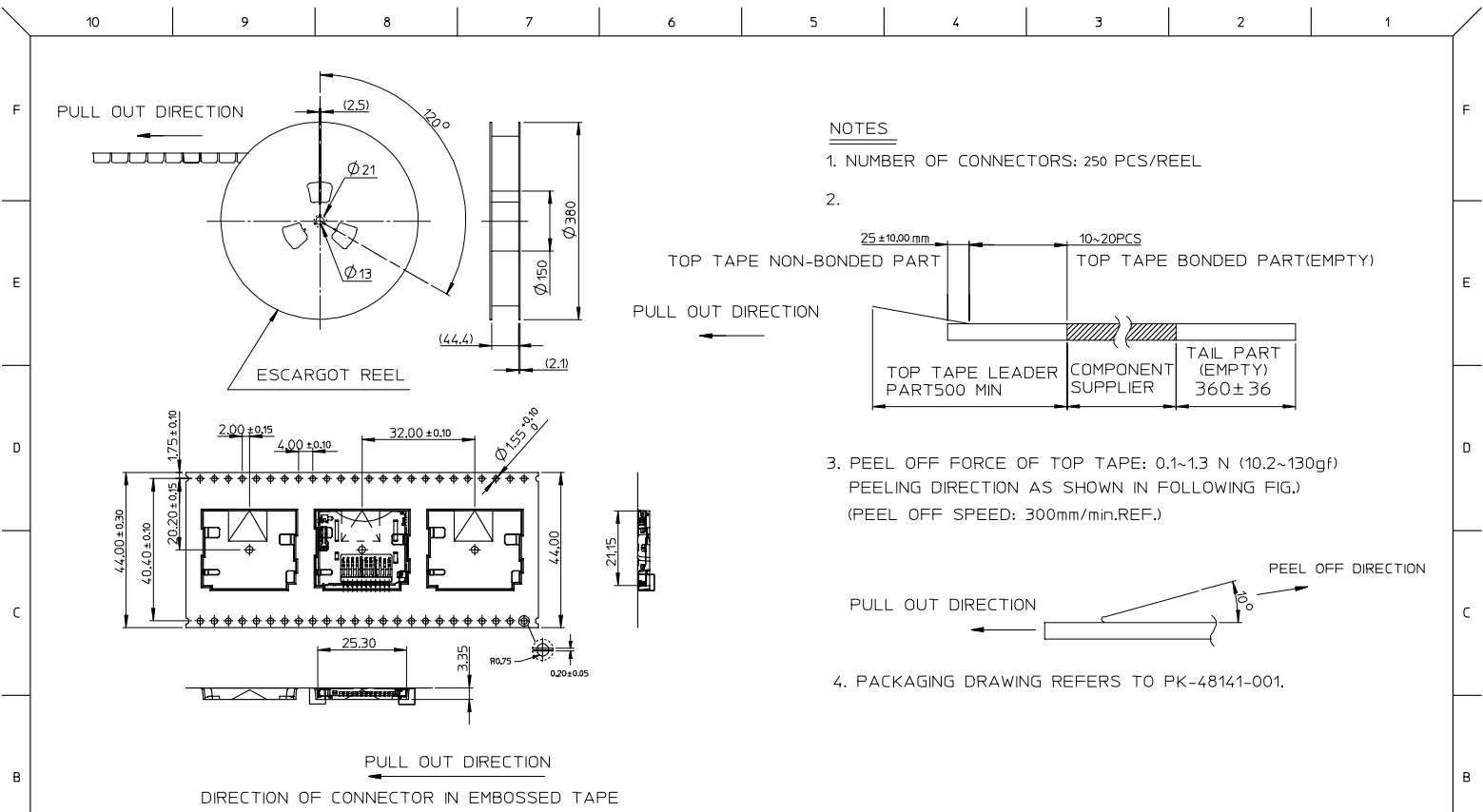
REVISE  
EC NO: SH2006-0214  
DRAWING: 2005/10/18  
CHKD: 2006/01/03  
APPR:GRMA 2006/01/05

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	
	MM ONLY	SCALE
4 PLACES ± ---	± ---	2:1
3 PLACES ± ---	± ---	DESIGN UNITS METRIC
2 PLACES ± 0.15	± ---	THIRD ANGLE PROJECTION
1 PLACE ± 0.25	± ---	
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

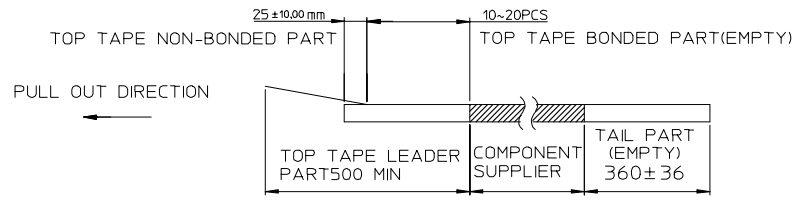
DRAWN BY: DIXON LI  
CHECKED BY: GRATE MA  
APPROVED BY: GARY CHEN  
DATE: 2005/10/18  
DATE: 2005/10/18  
DATE: 2005/10/18

TITLE: SALES DRAWING  
MINI SD CONNECTOR  
-LEAD FREE-  
MOLEX INCORPORATED  
MATERIAL NO. 48050-0001  
DOCUMENT NO. SD-48050-001  
SHEET NO. 1 OF 2

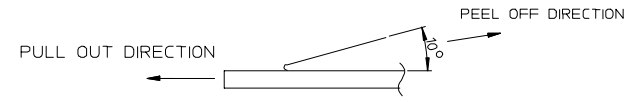


**NOTES**

1. NUMBER OF CONNECTORS: 250 PCS/REEL
- 2.

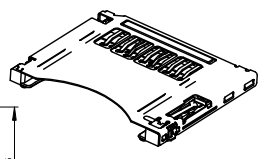
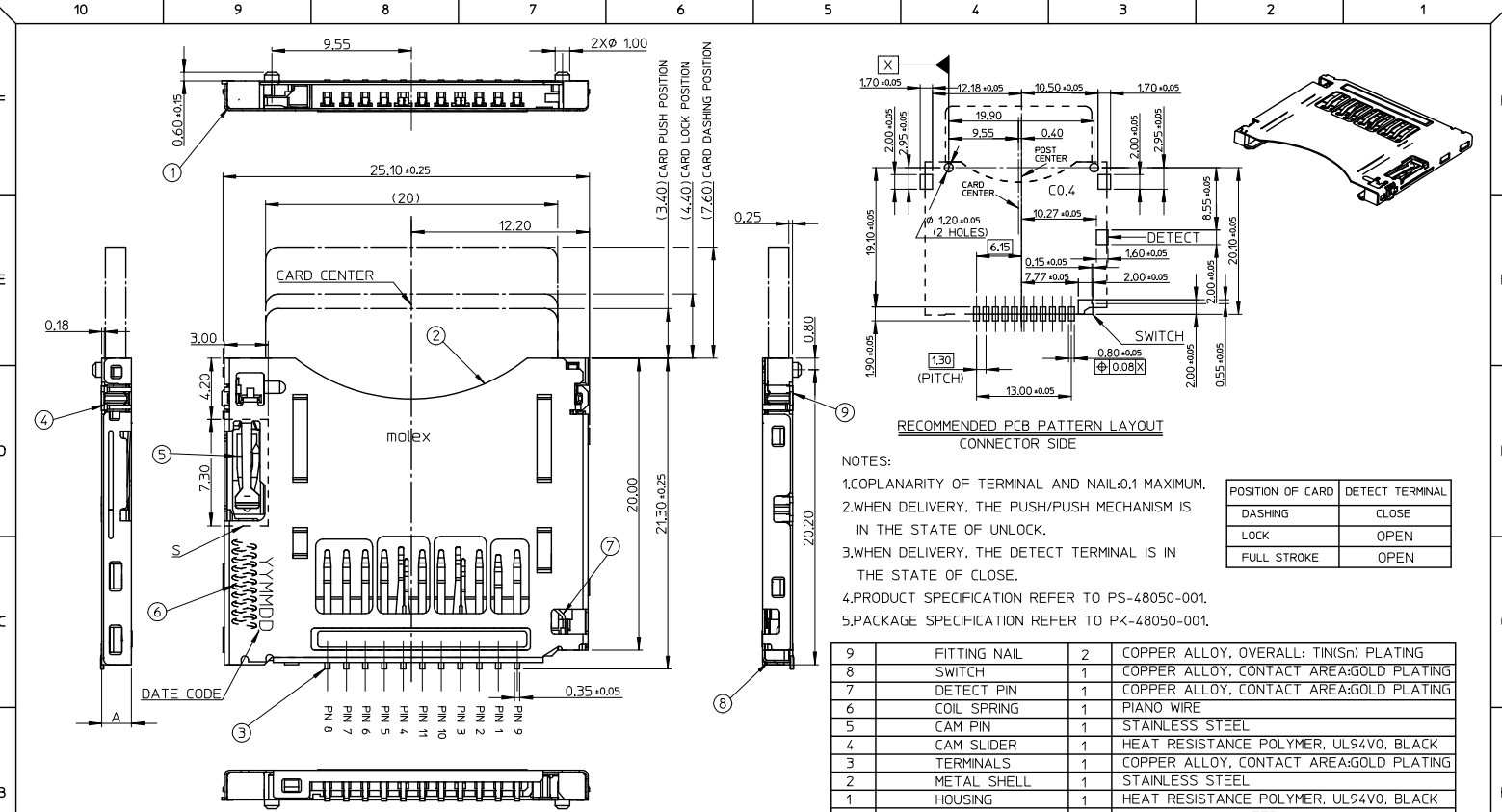


3. PEEL OFF FORCE OF TOP TAPE: 0.1~1.3 N (10.2~130gf)  
PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
(PEEL OFF SPEED: 300mm/min.REF.)



4. PACKAGING DRAWING REFERS TO PK-48141-001.

SUPPLIER: Molex Inc. EC NO: SH2006-0174 DRAWING: DRIVINGELLI CHKD: APPR:GRMA DATE: 2005/10/18 DATE: 2006/01/03 DATE: 2006/01/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.15 ± ---	1 PLACE ± 0.25 ± ---	DRAWN BY: DIXON LI CHECKED BY: GRATE MA APPROVED BY: GARY CHEN	DATE: 2005/10/18 DATE: 2005/10/18 DATE: 2005/10/18	TITLE: SALES DRAWING MINI SD CONNECTOR -LEAD FREE-
		ANGULAR ±1/2°		MATERIAL NO. 48050-0001		DOCUMENT NO. SD-48050-001		SHEET NO. 2 OF 2
	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			



**RECOMMENDED PCB PATTERN LAYOUT  
CONNECTOR SIDE**

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  - 2.WHEN DELIVERY, THE PUSH/PUSH MECHANISM IS IN THE STATE OF UNLOCK.
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POSITION OF CARD	DETECT TERMINAL
DASHING	CLOSE
LOCK	OPEN
FULL STROKE	OPEN

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DIM'A'	REMARK
2.03	WITHOUT CARD
2.10	WITH CARD INSERTION (ONLY FOR AREA OF 'S')

REV	DESCRIPTION
B	RTM
A	EC NO: 2005/04/06 DRAWN:GLL CHKC: 2005/04/07 APPR: YTYAP 2005/04/08

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽ 0	4 PLACES ± --- ± ---
▽ 0	3 PLACES ± --- ± ---
▽ 0	2 PLACES ± 0.15 ± ---
▽ 0	1 PLACE ± 0.25 ± ---
▽ 0	ANGULAR ± 1/2°

SCALE 2:1 DESIGN UNITS METRIC DIMENSION STYLE MM ONLY

TITLE SALES DRAWING MINI SD CONNECTOR -LEAD FREE-

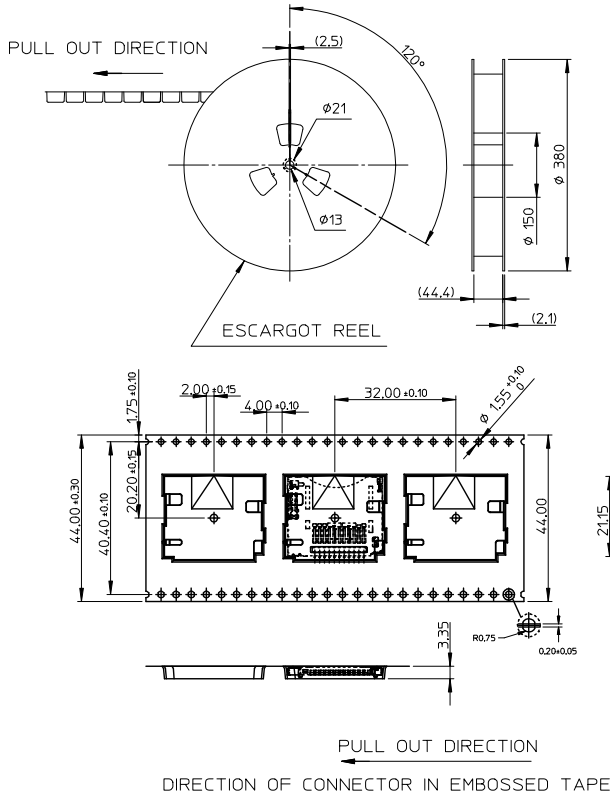
THIRD ANGLE PROJECTION REVISE ON CAD ONLY

DRAWN BY VPENG DATE 20031015  
CHECKED BY WWSCHANG DATE 20031015  
APPROVED BY ELAN DATE 20031015

MATERIAL NO. 48050-0001 DOCUMENT NO. SD-48050-001 SHEET NO. 1 OF 2

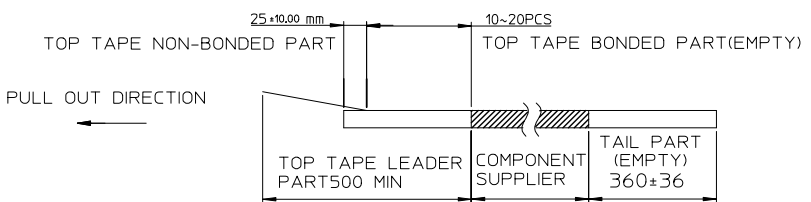
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

10 9 8 7 6 5 4 3 2 1

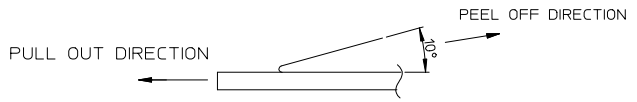


NOTES

1. NUMBER OF CONNECTORS: 250 PCS/REEL
- 2.



3. PEEL OFF FORCE OF TOP TAPE: 0.1~1.3 N (10.2~130gf)  
PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
(PEEL OFF SPEED: 300mm/min, REF.)



4. PACKAGING DRAWING REFERS TO PK-48141-001.

RTM: SH2005-0114 EC NO: SH2005-0114 DRAWN BY: DRWNGLLI CHKD: 2005/04/07 APPR: YTYAP 2005/04/06 2005/04/07 2005/04/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	METRIC	◎	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY: VPENG DATE: 20031015	TITLE	SALES DRAWING	
		3 PLACES ± --- ± ---	CHECKED BY: MWSCHANG DATE: 20031015		MINI SD CONNECTOR	
	2 PLACES ± 0.15 ± ---	APPROVED BY: ELAN DATE: 20031015		-LEAD FREE-		
	1 PLACE ± 0.25 ± ---			MOLEX INCORPORATED		
	ANGULAR ± 1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 48050-0001	DOCUMENT NO. SD-48050-001	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		

9 8 7 6 5 4 3 2 1