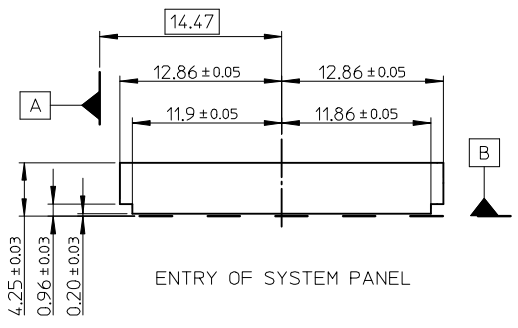
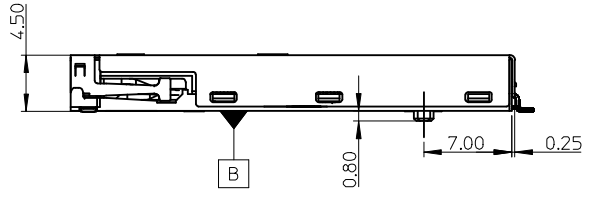
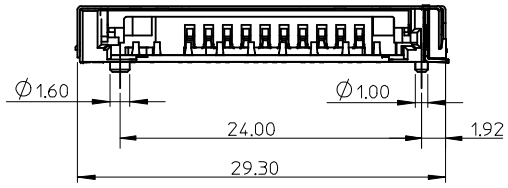


NOTE:

1.MATERIALS:
 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94 V-0.
 TERMINAL : NAIL AND SWITCH: COPPER ALLOY.
 METAL SHELL: STAINLESS STEEL

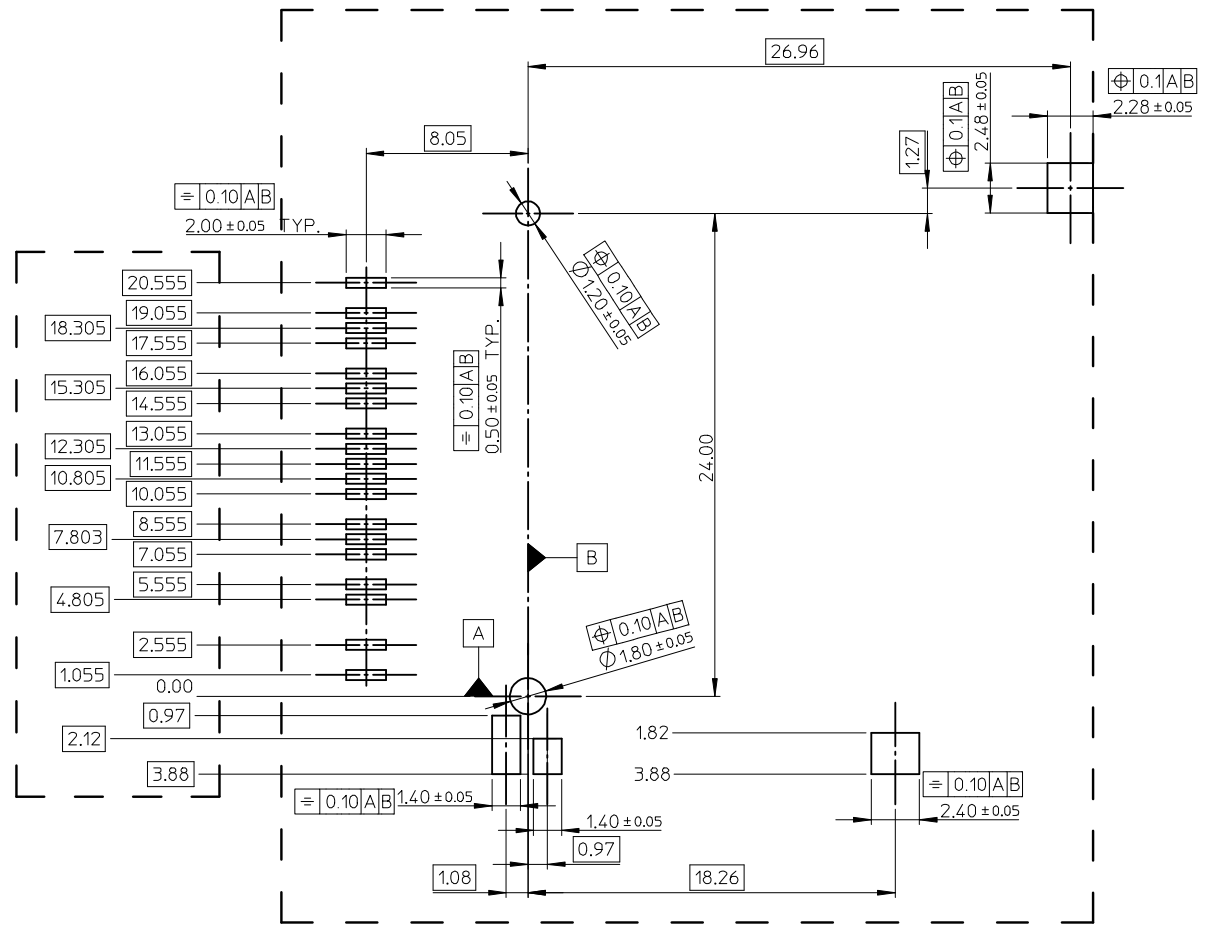
2.FINISH:
 TERMINAL: NICKEL OVERALL UNDERPLATING, THICKNESS : 1.27 MICROMETER MIN. SELECTIVE GOLD ON CONTACT AREA, THICKNESS : 0.2 MICROMETER MIN. TIN ALLOY ON SOLDER AREA. THICKNESS : 3 MICROMETER MIN.
 SWITCH: NICKEL OVERALL UNDERPLATING, THICKNESS : 1.27 MICROMETER MIN. SELECTIVE GOLD ON CONTACT AREA, THICKNESS : 0.05 MICROMETER MIN. TIN ALLOY ON SOLDER AREA. THICKNESS : 3 MICROMETER MIN.
 NAIL: NICKEL OVERALL UNDERPLATING, THICKNESS : 1.27 MICROMETER MIN. TIN ALLOY ,THICKNESS : 3 MICROMETER MIN. ON SOLDER AREA

3.COPLANARITY: 0.15 MAX.
 4.PRODUCT SPECIFICATION: PS-48000-001
 5.PACKAGING: PK-48000-001
 6.PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.



ENTRY OF SYSTEM PANEL

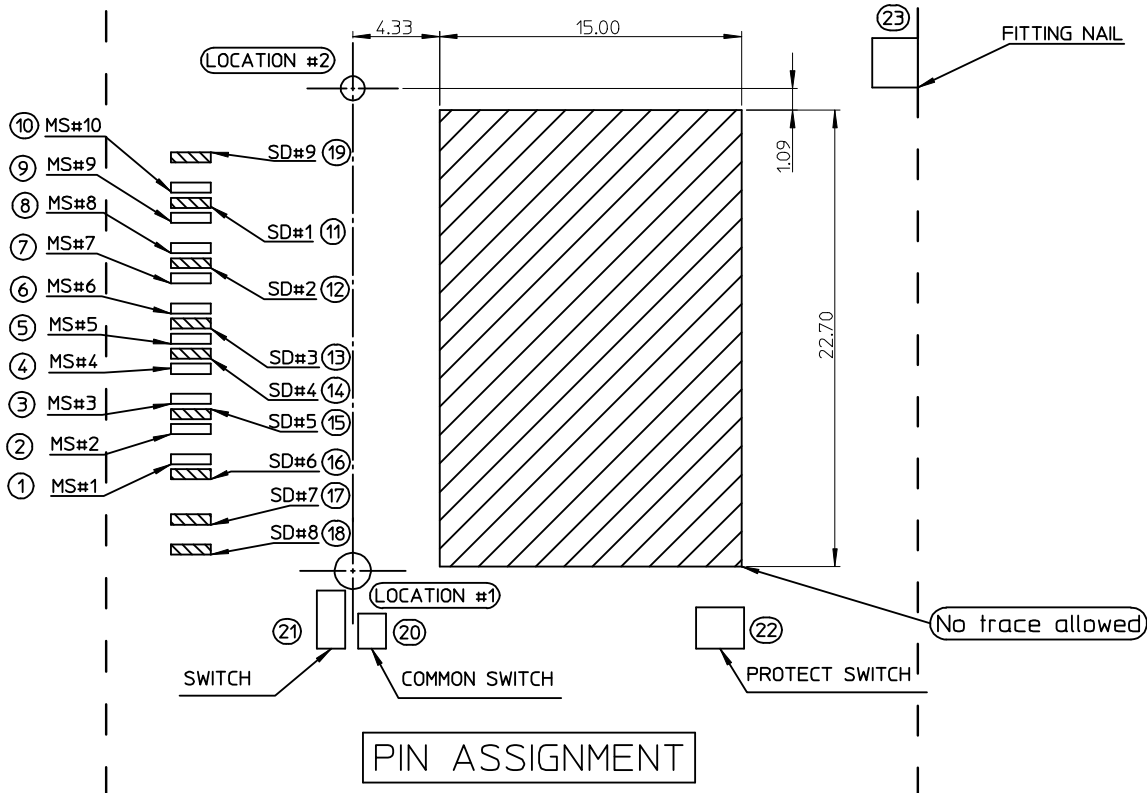
UPDATE DRAWING	EC NO:	2008/08/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION														
	DRWNL:SONG09				MM ONLY	1:1	METRIC																
D	CHKD:		DESCRIPTION	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.25	± ---	DRAWN BY	DATE	TITLE	
		mm			INCH																		
4 PLACES	± ---	± ---																					
3 PLACES	± ---	± ---																					
2 PLACES	± 0.25	± ---																					
1 PLACE	± 0.25	± ---																					
REV	APPR:		FOX.WU	2003/09/04																			
				ANGULAR ± 3 °	<table border="1"> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>W.CHANG</td> <td>2003/09/05</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>E.LAN</td> <td>2003/09/05</td> </tr> </table>		CHECKED BY	DATE	W.CHANG	2003/09/05	APPROVED BY	DATE	E.LAN	2003/09/05	3 IN 1 MEMORY COMBO CONNECTOR PUSH PUSH TYPE								
CHECKED BY	DATE																						
W.CHANG	2003/09/05																						
APPROVED BY	DATE																						
E.LAN	2003/09/05																						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	<table border="1"> <tr> <td>MATERIAL NO.</td> <td>DOCUMENT NO.</td> <td>SHEET NO.</td> </tr> <tr> <td>480002001</td> <td>SD-48000-201</td> <td>1 OF 5</td> </tr> </table>		MATERIAL NO.	DOCUMENT NO.	SHEET NO.	480002001	SD-48000-201	1 OF 5											
MATERIAL NO.	DOCUMENT NO.	SHEET NO.																					
480002001	SD-48000-201	1 OF 5																					
					<table border="1"> <tr> <td>SIZE</td> <td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td> </tr> <tr> <td>A3</td> <td colspan="2"></td> </tr> </table>		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		A3													
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
A3																							



FOOT PRINT

RECOMMENDED PCB THICKNESS : 1.0 mm

UPDATE DRAWING EC NO: SH2009-0083 DRW: NLSONG09 2008/08/14 CHKD: APPR:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.25 ± ---	1 PLACE ± 0.25 ± ---	ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY FOX.WU	DATE 2003/09/04	TITLE 3 IN 1 MEMORY COMBO CONNECTOR PUSH PUSH TYPE	
								APPROVED BY E. LAN	DATE 2003/09/05	MOLEX INCORPORATED	
								MATERIAL NO. 480002001	DOCUMENT NO. SD-48000-201	SHEET NO. 2 OF 5	



SD CARD CIRCUIT

WITHOUT CARD
 #21 SW 0-- --0 #20 GND
 #22 WP 0-- --0 #20 GND

CARD INSERTED
WRITE PROTECT LOCK
 #21 SW 0-----0 #20 GND
 #22 WP 0-- --0 #20 GND

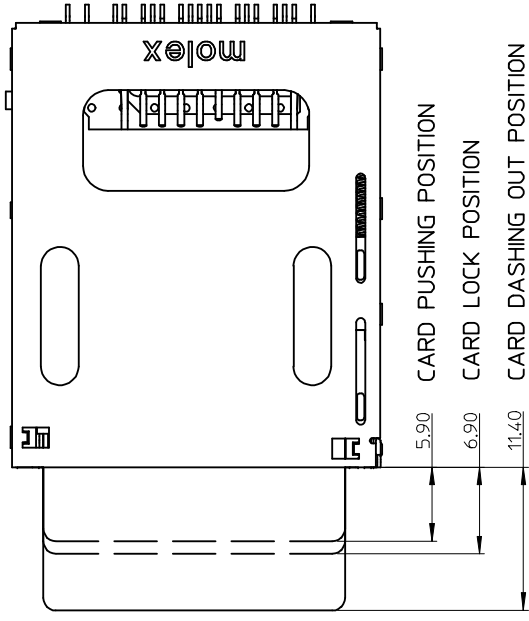
CARD INSERTED
WRITE PROTECT UNLOCK
 #21 SW 0-----0 #20 GND
 #22 WP 0-----0 #20 GND

THE SD CARD CONTACTS ARE CONTACTED IN THREE STEPS :
 1. GROUND VSS (PIN3) AND SUPPLY VOLTAGE VDD (PIN4).
 2. CLK,CMD,DAT0,DAT1,DAT2 AND VSS (PIN6)
 3. CD/DAT3 (PIN1)

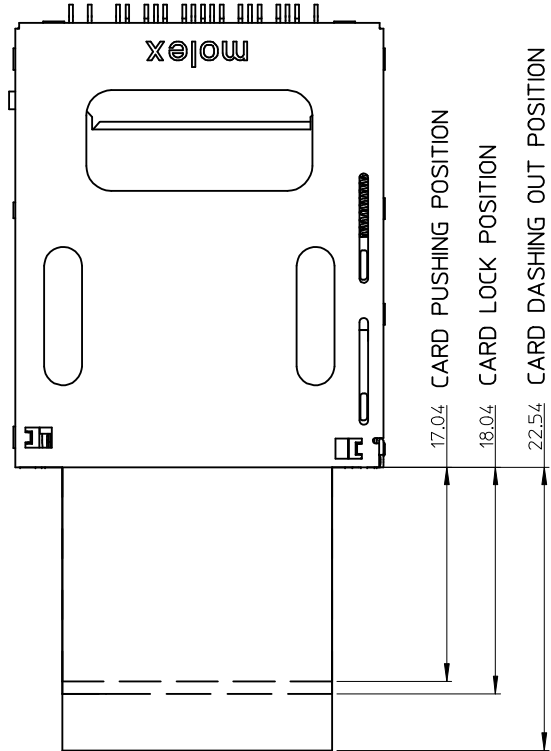
1	MS-1P (Vss)	15	SD-5P (CLK)
2	MS-2P (BS)	16	SD-6P (Vss)
3	MS-3P (DATA1)	17	SD-7P (DAT0)
4	MS-4P (SDIO/DATA0)	18	SD-8P (DAT1)
5	MS-5P (DATA2)	19	SD-9P (DAT2)
6	MS-6P (INS)	20	SD-SW (GND)
7	MS-7P (DATA3)	21	SW (RSV)
8	MS-8P (SCLK)	22	SD-SW (WP)
9	MS-9P (Vcc)	23	FITTING NAIL
10	MS-10P (Vss)		
11	SD-1P (CD/DAT3)		
12	SD-2P (CMD)		
13	SD-3P (Vss)		
14	SD-4P (Vdd)		

UPDATE DRAWING EC NO: DRWINL.SONG09 CH'KD: 2008/08/14 APPR:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▼=0 ▽=0	mm INCH	MM ONLY	1:1	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± ---	DRAWN BY DATE FOX.WU 2003/09/04	TITLE 3 IN 1 MEMORY COMBO CONNECTOR PUSH PUSH TYPE			
		ANGULAR ± 3 °	CHECKED BY DATE W.CHANG 2003/09/05	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE E.LAN 2003/09/05	MATERIAL NO. 480002001	DOCUMENT NO. SD-48000-201	SHEET NO. 3 OF 5	
			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



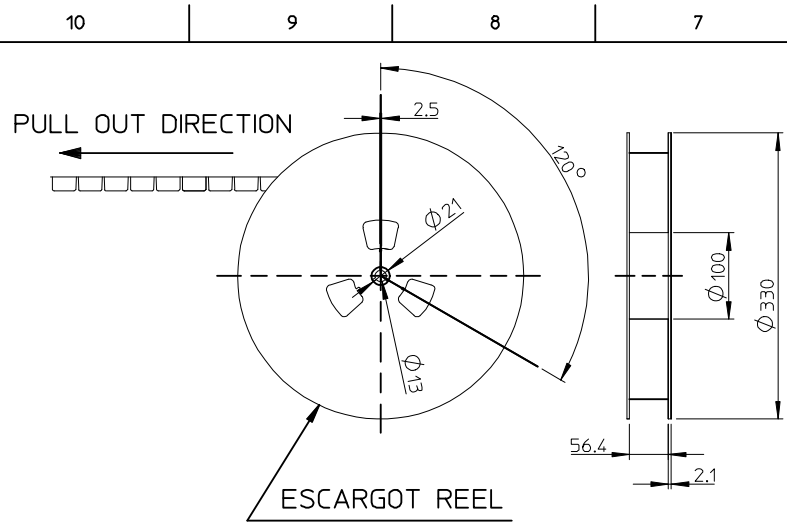
MMC/SD card



MS card

UPDATE DRAWING EC NO: SHZ009-0083 DRWNL:SONG09 2008/08/14 CHKD: APPR:	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± ---	mm INCH	DRAWN BY FOX.WU	DATE 2003/09/04	TITLE 3 IN 1 MEMORY COMBO CONNECTOR PUSH PUSH TYPE					
		ANGULAR ± 3 °		CHECKED BY W.CHANG	DATE 2003/09/05						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY E.LAN	DATE 2003/09/05	MATERIAL NO. 480002001		MOLEX INCORPORATED			SHEET NO. 4 OF 5
				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

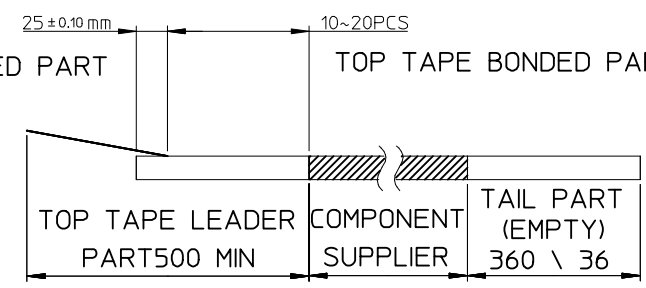


NOTES

1. NUMBER OF CONNECTORS: 250 PCS/REEL

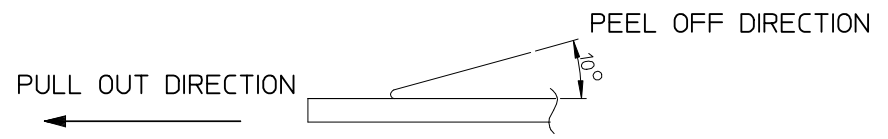
TOP TAPE NON-BONDED PART

TOP TAPE BONDED PART (EMPTY)

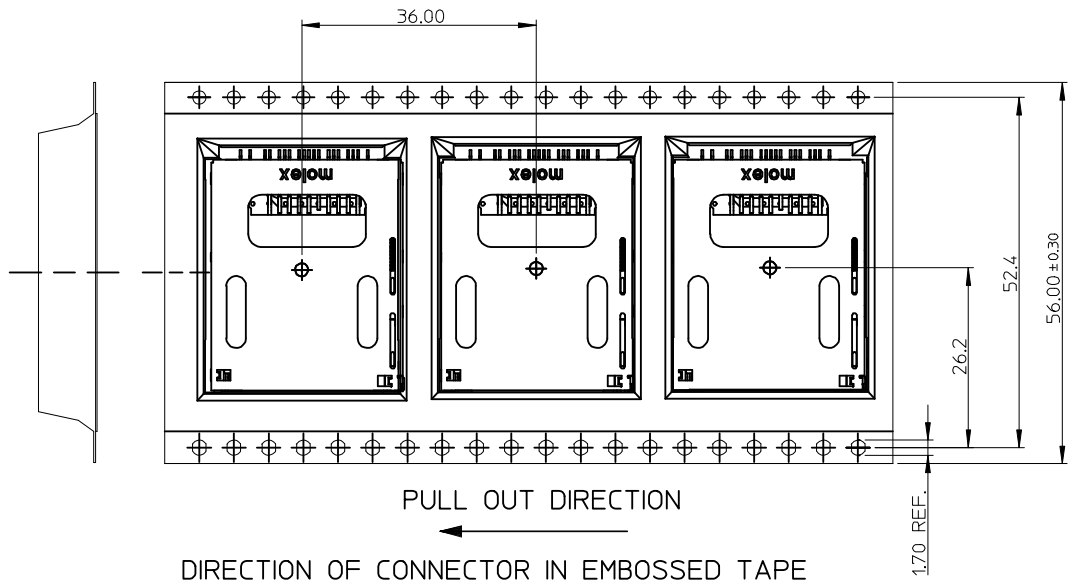


PULL OUT DIRECTION

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-48000-001



UPDATE DRAWING	2008/08/14
EC NO: SH2009-0083	
DRWN: L.SONG	
CHKD: X.J.SONG	
APPR: H.WANG	
REV	DESCRIPTION

QUALITY SYMBOLS	▽=0
	∇=0
	4 PLACES ± --- ± ---
	3 PLACES ± --- ± ---
	2 PLACES ± 0.25 ± ---
1 PLACE ± 0.25 ± ---	
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
DRAWN BY: FOX.WU DATE: 2003/09/04	
CHECKED BY: W.CHANG DATE: 2003/09/05	
APPROVED BY: E.LAN DATE: 2003/09/05	
MATERIAL NO. 480002001	

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	1:1	METRIC	
TITLE		3 IN 1 MEMORY COMBO CONNECTOR PUSH PUSH TYPE	
MATERIAL NO.		DOCUMENT NO.	
480002001		SD-48000-201	
SHEET NO.		5 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[48000-2001](#)