

10 9 8 7 6 5 4 3 2 1

F

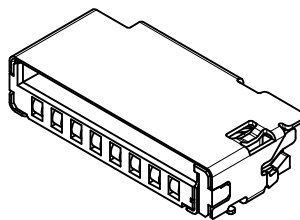
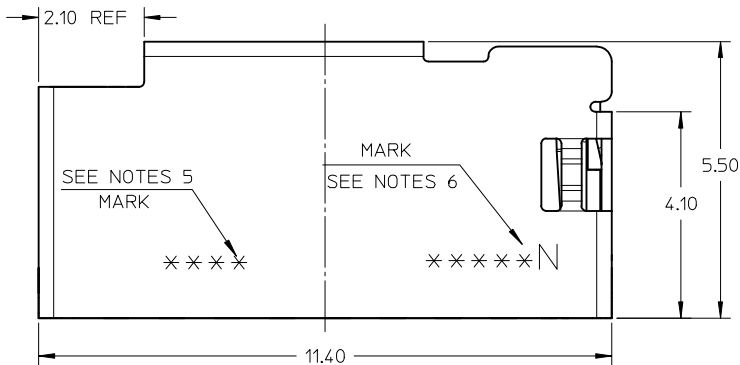
E

D

C

B

A



NOTES:

1. MATERIAL:

- 1-1 HOUSING: LCP, 30% G/F, UL 94V-0, BLACK
- 1-2 SIGNAL TERMINAL AND DETECT TERMINAL: PHOSPHOR BRONZE
- 1-3 METAL SHELL: STAINLESS STEEL

2. FINISH:

- 2-1 SIGNAL TERMINAL: 1.25 MICRON NICKEL MIN UNDER-PLATED, CONTACT AREA SEE TABLE, GOLD FLASH ON SOLDER AREA.
- 2-2 METAL SHELL: GOLD FLASH PLATED OVER NICKEL ON SOLDER AREA.
- 2-3 DETECT PIN: 1.25 MICRON NICKEL MIN UNDER-PLATED, GOLD FLASH ON CONTACT AREA, TIN PLATED ON SOLDER AREA.

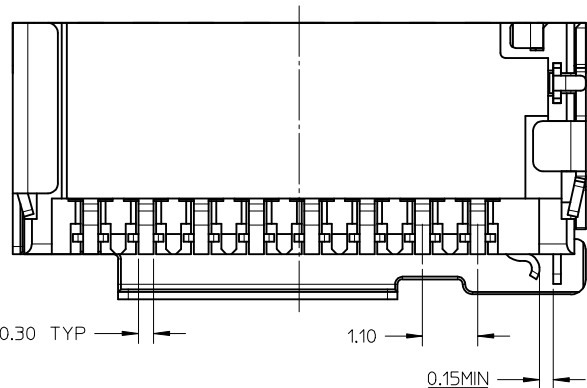
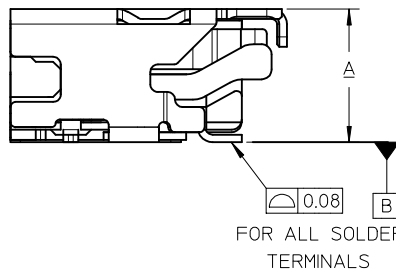
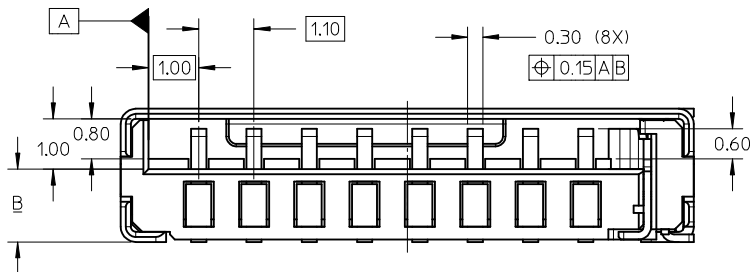
3. PRODUCT SPECIFICATION: PS-47309-001.

4. PACKAGE SPECIFICATION: SEE TABLE.

5. THE FIRST "*" MEANS THE MANUFACTURE YEAR, THE FOLLOW "****" MEANS THE MANUFACTURE DAY. FOR EXAMPLE "2006/01/02" SHOULD BE "6002".

6. THE FIRST "****" SHOW THE LAST FOUR NUMBER OF P/N, THE FIFTH "*" IS SHIFT IDENTIFY CODE "A, B, C", THE LAST "N" MEANS THE CUSTOMER VERSION.

7. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.



PART NUMBER	DIM A	DIM B	CONTACT AREA PLATING	PACKAGE SPECIFICATION
47309-7375	3.75	2.55	0.38 MICRON MIN. GOLD	PK-47309-375
47309-2375			0.76 MICRON MIN. GOLD	
47309-8375			0.1 MICRON MIN. GOLD	
47309-7355	3.55	2.35	0.38 MICRON MIN. GOLD	PK-47309-335
47309-2355			0.76 MICRON MIN. GOLD	
47309-8355			0.1 MICRON MIN. GOLD	
47309-7335	3.35	2.15	0.38 MICRON MIN. GOLD	PK-47309-265
47309-2335			0.76 MICRON MIN. GOLD	
47309-8335			0.1 MICRON MIN. GOLD	
47309-7285	2.85	1.65	0.38 MICRON MIN. GOLD	PK-47309-266
47309-2285			0.76 MICRON MIN. GOLD	
47309-8285			0.1 MICRON MIN. GOLD	
47309-7265	2.65	1.45	0.38 MICRON MIN. GOLD	PK-47309-266
47309-2265			0.76 MICRON MIN. GOLD	
47309-8265			0.1 MICRON MIN. GOLD	

ADD NEW PART EC NO: SH2012-0261 DRWG:GLL1 CHKD: APPR:AYIN	2012/02/10	2012/02/10	2012/02/10	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
								DRAWN BY DATE		TITLE MICRO SD HEADER W/DETECT PIN SALES DRAWING				
								CHECKED BY DATE						
								APPROVED BY DATE						
								XJSONG 2011/03/24						
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		DOCUMENT NO. SD-47309-201		SHEET NO. 1 OF 2	
									SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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10 9 8 7 6 5 4 3 2 1

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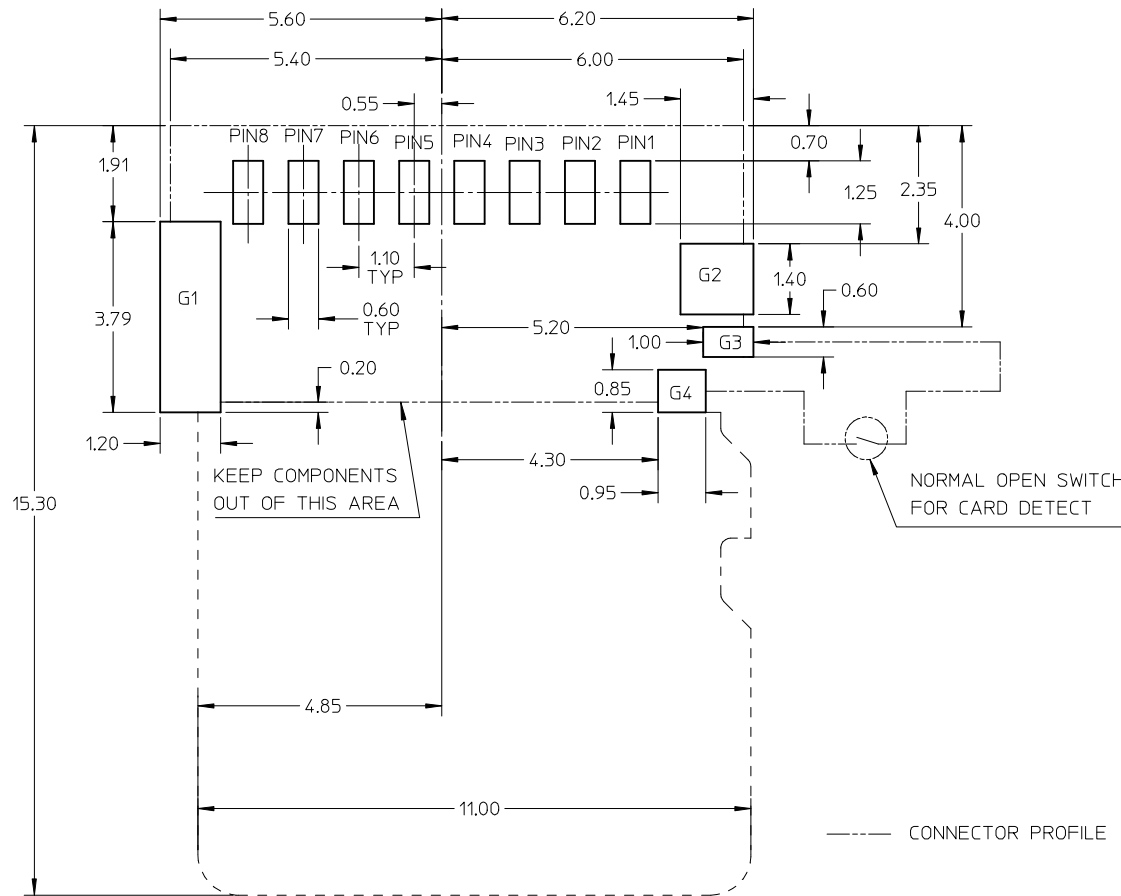
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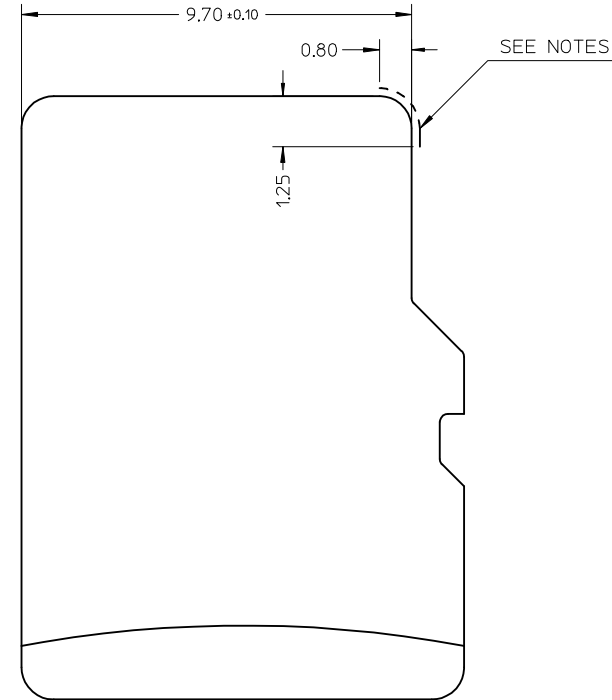
C

B

A



RECOMMENDED PCB LAYOUT
TOLERANCE FOR PCB LAYOUT: ± 0.05



TFR CARD

NOTES:

NO CONDUCTIVE EXPOSURE TRACE IS ALLOWED ON THE SIDE FACE OF THE CARD AT THIS AREA.

G4	DET
G3	POL
G2	GND
G1	GND
P8	DAT1
P7	DAT0
P6	VSS
P5	CLK
P4	VDD
P3	CMD
P2	CD/DAT3
P1	DAT2
NAME	TYPE
PIN ASSIGNMENT	

SEE SHEET 1 EC NO: SH2012-0261 2012/02/10 DRWN:ELLI CHKD: APPR:AY IN 2012/02/23	DESCRIPTION	QUALITY SYMBOLS FA=0 FG=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY WFDENG	DATE 2009/12/08	TITLE MICRO SD HEADER W/DETECT PIN SALES DRAWING		
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---	WFDENG	2009/12/08			
			2 PLACES	± 0.15	± ---	APPROVED BY	DATE			
			1 PLACE	± 0.25	± ---	XJ SONG	2011/03/24			
		ANGULAR ± 1 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	REV	D	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1		SD-47309-201		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