

FOR ALL SOLDER TERMINALS

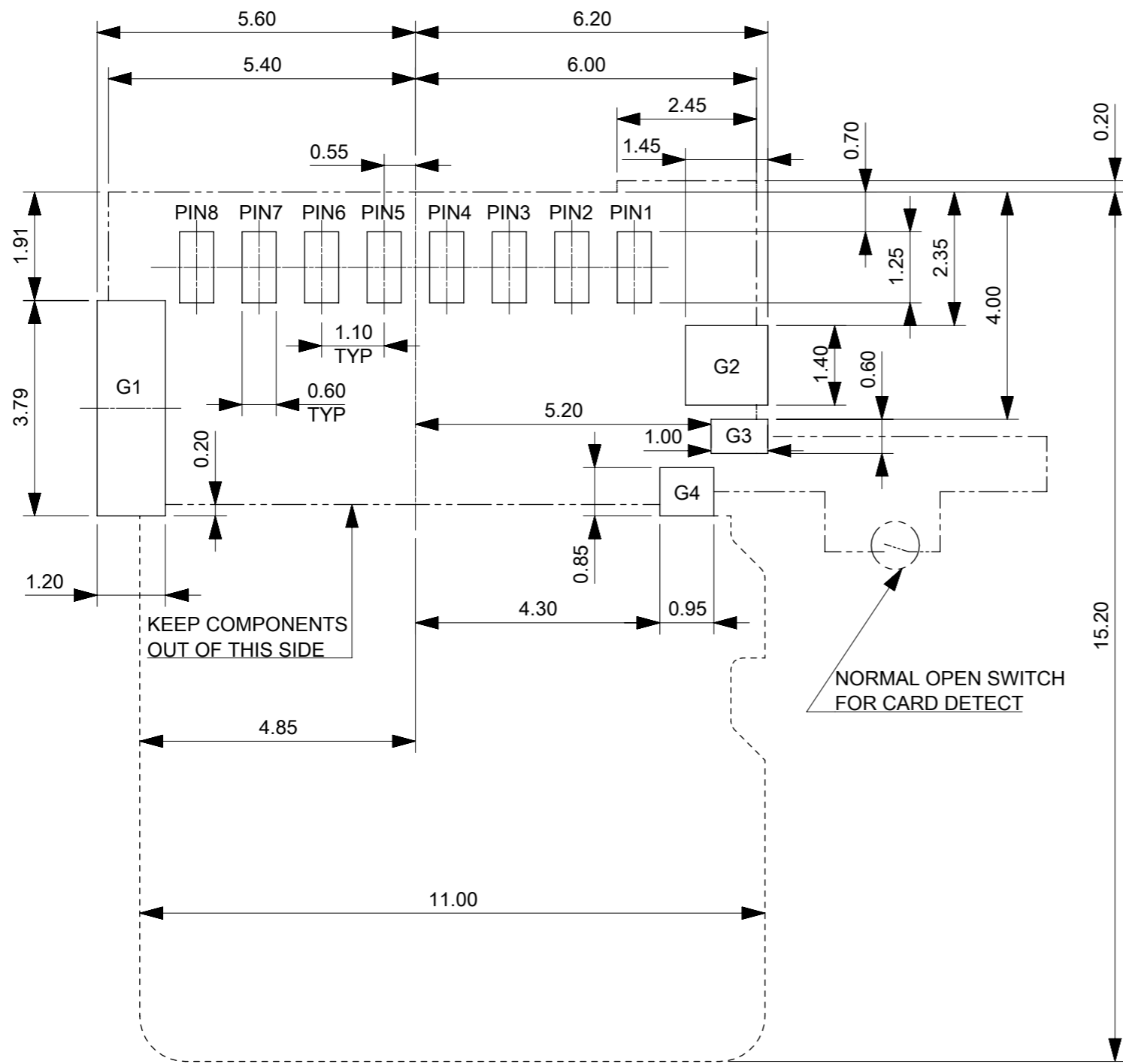
NOTES:

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-47309-002.
4. PACKAGE SPECIFICATION: SEE TABLE.
5. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV 2000/53/EC.

473092525	0.38 MICRON MIN. GOLD	INK	PK-47309-500
473090525	0.38 MICRON MIN. GOLD		PK-47309-525
473098251	0.1 MICRON MIN. GOLD		
473091525	0.76 MICRON MIN. GOLD	LASER	
PART NUMBER	CONTACT AREA PLATING	DATE CODE PRINTING TYPE	PACKAGE SPECIFICATION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

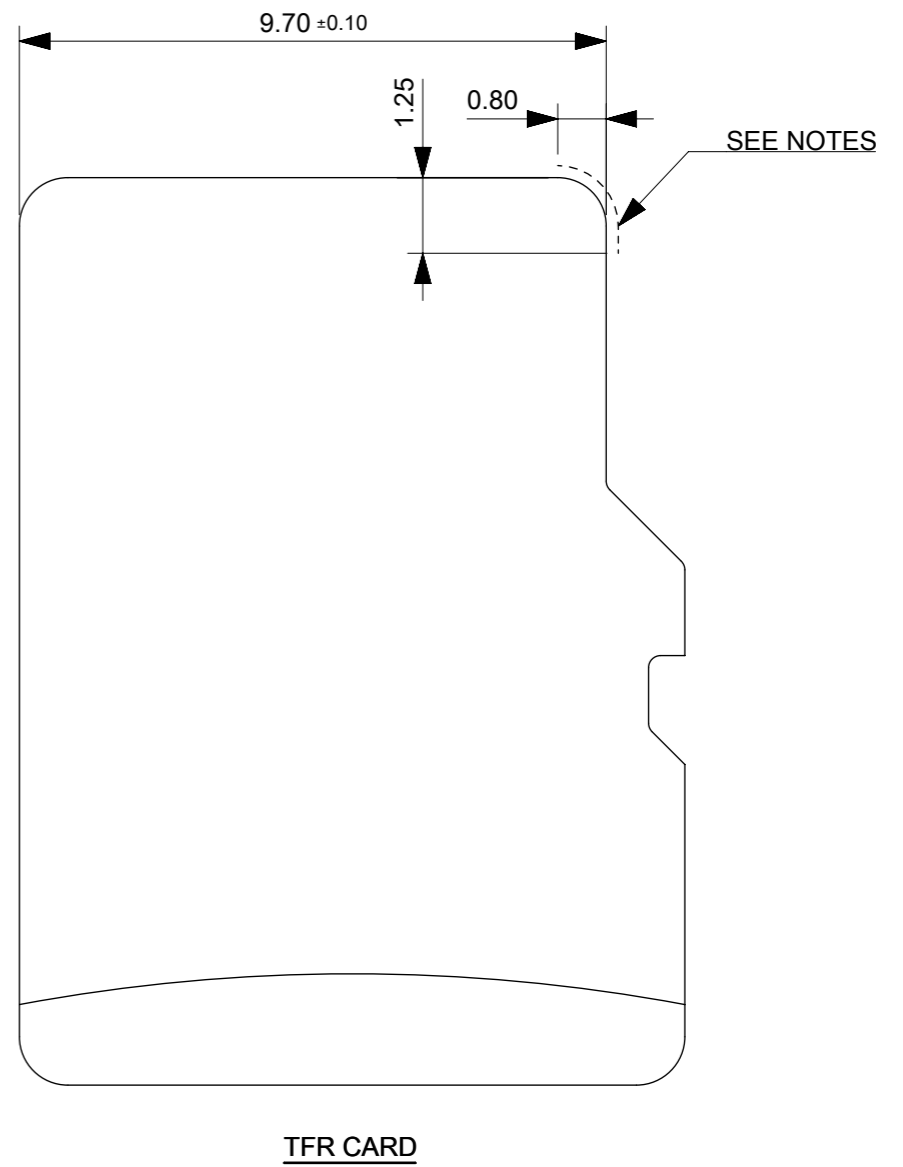
DIMENSION UNITS	SCALE	CURRENT REV DESC:		<b>molex</b>					
mm	15:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)				5.25H MICRO-SD HEADER W / DETECT PIN					
				PRODUCT CUSTOMER DRAWING					
4 PLACES	±	MM	INCH	EC NO: 746823	2008/11/05	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
3 PLACES	±			DRWN: JANEQ	2023/04/24	SD-47309-525	PSD	000	L
2 PLACES	± 0.15			CHK'D: FCHEN11	2023/05/12				
1 PLACE	± 0.25			APPR: FCHEN11	2023/05/12	INITIAL REVISION:			
0 PLACES	±					DRWN: LLIU10	2008/11/05	MATERIAL NUMBER	
ANGULAR TOL ± 1.0 °				APPR: HWWANG	2009/07/19	CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
					A2-SIZE	47309	SEE TABLE	GENERAL MARKET	1 OF 2



RECOMMENDED PCB LAYOUT  
TOLERANCE FOR PCB LAYOUT : ±0.05

----- CONNECTOR PROFILE  
----- CARD PROFILE

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	



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

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				<b>molex</b>	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 746823				5.25H MICRO-SD HEADER W / DETECT PIN	
				DRWN: JANEQ 2023/04/24					
				CHK'D: FCHEN11 2023/05/12				PRODUCT CUSTOMER DRAWING	
				APPR: FCHEN11 2023/05/12					
				INITIAL REVISION:				DOCUMENT NUMBER <b>SD-47309-525</b>	
				DRWN: LLIU10 2008/11/05					
				APPR: HWWANG 2009/07/19				DOC TYPE PSD	
				ANGULAR TOL ± 1.0°					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
		A3-SIZE		47309		SEE TABLE		2 OF 2	