

FOR ALL SOLDER TERMINALS

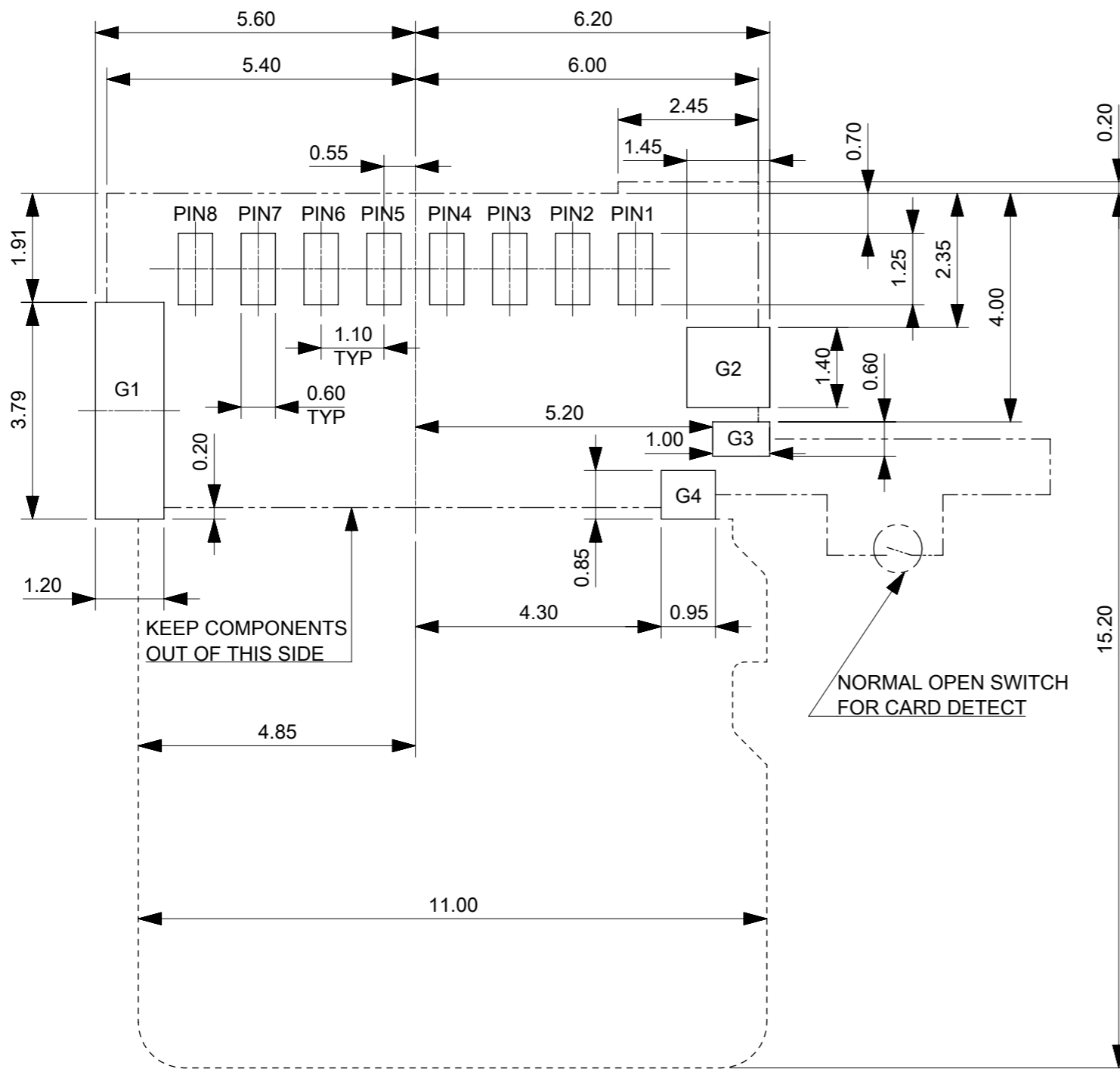
NOTES:

- 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
- 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.
- PRODUCT SPECIFICATION: PS-47309-002.
- PACKAGE SPECIFICATION: SEE TABLE.
- 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

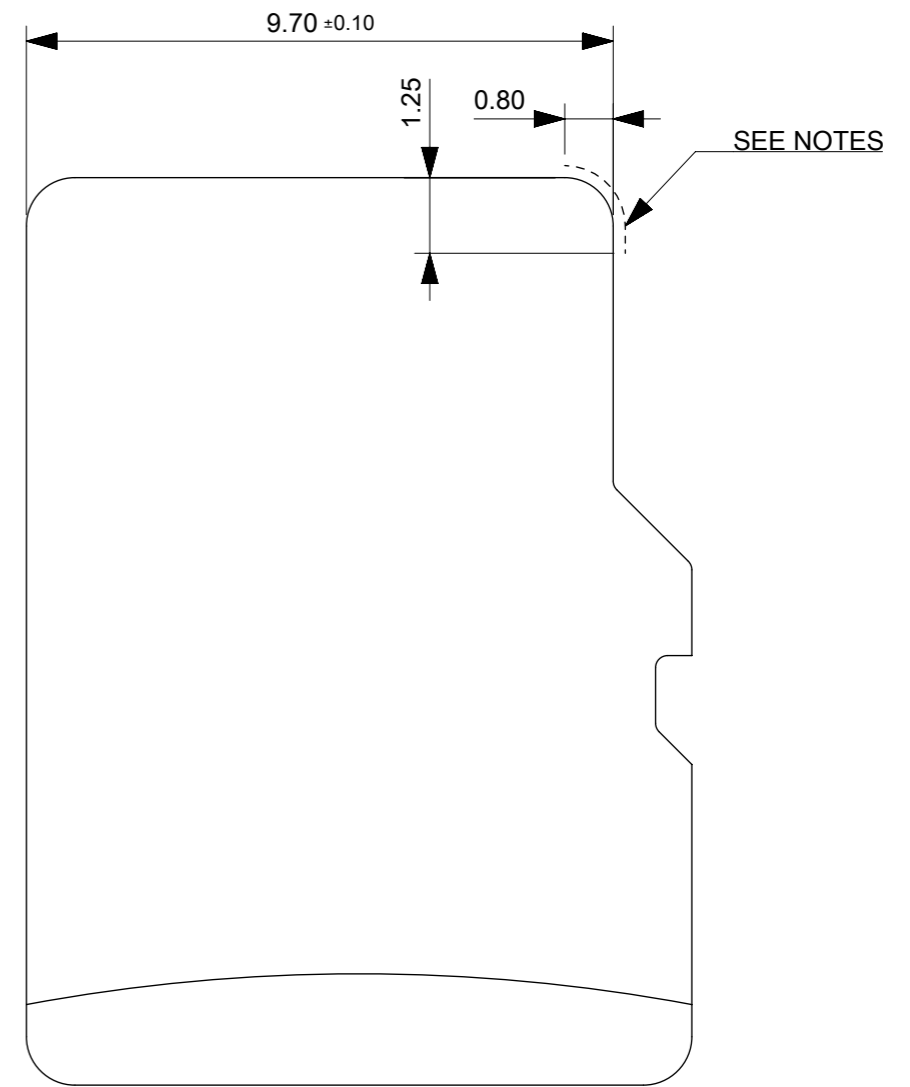
DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex
mm	15:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 746823		5.25H MICRO-SD HEADER W / DETECT PIN
4 PLACES	±	DRWN: JANEQ	2023/04/24	
3 PLACES	±	CHK'D: FCHEN11	2023/05/12	
2 PLACES	± 0.15	APPR: FCHEN11	2023/05/12	
1 PLACE	± 0.25	INITIAL REVISION:		
0 PLACES	±	DRWN: LLIU10	2008/11/05	
ANGULAR TOL	± 1.0°	APPR: HWWANG	2009/07/19	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER
		A2-SIZE	47309	SD-47309-525
DOCUMENT STATUS	P1	RELEASE DATE	2023/05/12	DOC TYPE
			04:01:36	PSD
				DOC PART
				000
				REVISION
				L
				MATERIAL NUMBER
				SEE TABLE
				CUSTOMER
				GENERAL MARKET
				SHEET NUMBER
				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	



TFR CARD

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:				molex	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 746823				5.25H MICRO-SD HEADER W / DETECT PIN	
				DRWN: JANEQ 2023/04/24					
4 PLACES ±				CHK'D: FCHEN11 2023/05/12					
3 PLACES ±				APPR: FCHEN11 2023/05/12					
2 PLACES ± 0.15				INITIAL REVISION:				PRODUCT CUSTOMER DRAWING	
1 PLACE ± 0.25				DRWN: LLIU10 2008/11/05				DOCUMENT NUMBER	
0 PLACES ±				APPR: HWWANG 2009/07/19				SD-47309-525	
ANGULAR TOL ± 1.0°				THIRD ANGLE PROJECTION		DRAWING		DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		DOC PART	
				A3-SIZE		SERIES		REVISION	
				47309		MATERIAL NUMBER		PSD 000 L	
				SEE TABLE		CUSTOMER		SHEET NUMBER	
				GENERAL MARKET				2 OF 2	