

FOR ALL SOLDER TERMINALS

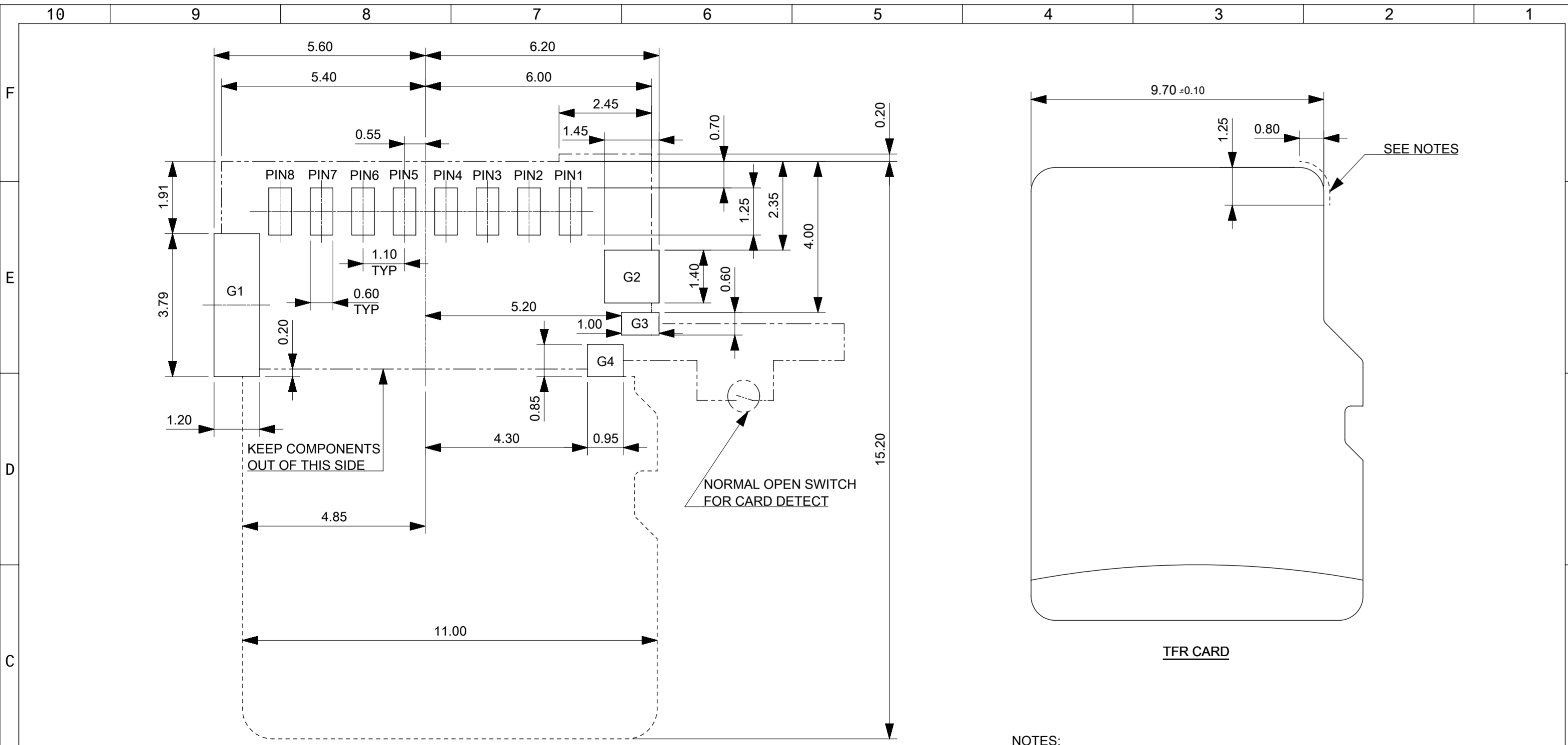
NOTES:

- 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

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex
mm	15:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 624787		5.25H MICRO-SD HEADER W / DETECT PIN
4 PLACES	±	DRWN: RPRABHUM	2019/06/03	
3 PLACES	±	CHK'D: GGA	2019/11/11	
2 PLACES	± 0.15	APPR: GGA	2019/11/11	
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
				DOC TYPE
				PSD
				DOC PART
				000
				REVISION
				J1
				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	

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						5.25H MICRO-SD HEADER W / DETECT PIN	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 624787				PRODUCT CUSTOMER DRAWING	
4 PLACES ±		±		DRWN: RPRABHUM		2019/06/03		DOCUMENT NUMBER	
3 PLACES ±		±		CHKD: GGA		2019/11/11		DOC TYPE	
2 PLACES ±		0.15		APPR: GGA		2019/11/11		DOC PART	
1 PLACE ±		0.25		INITIAL REVISION:				REVISION	
0 PLACES ±		±		DRWN: LLIU10		2008/11/05		SD-47309-525	
ANGULAR TOL ±		1.0°		APPR: HWWANG		2009/07/19		PSD 000 J1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		47309		MATERIAL NUMBER	
				SEE TABLE		CUSTOMER		GENERAL MARKET	
								SHEET NUMBER	
								2 OF 2	

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