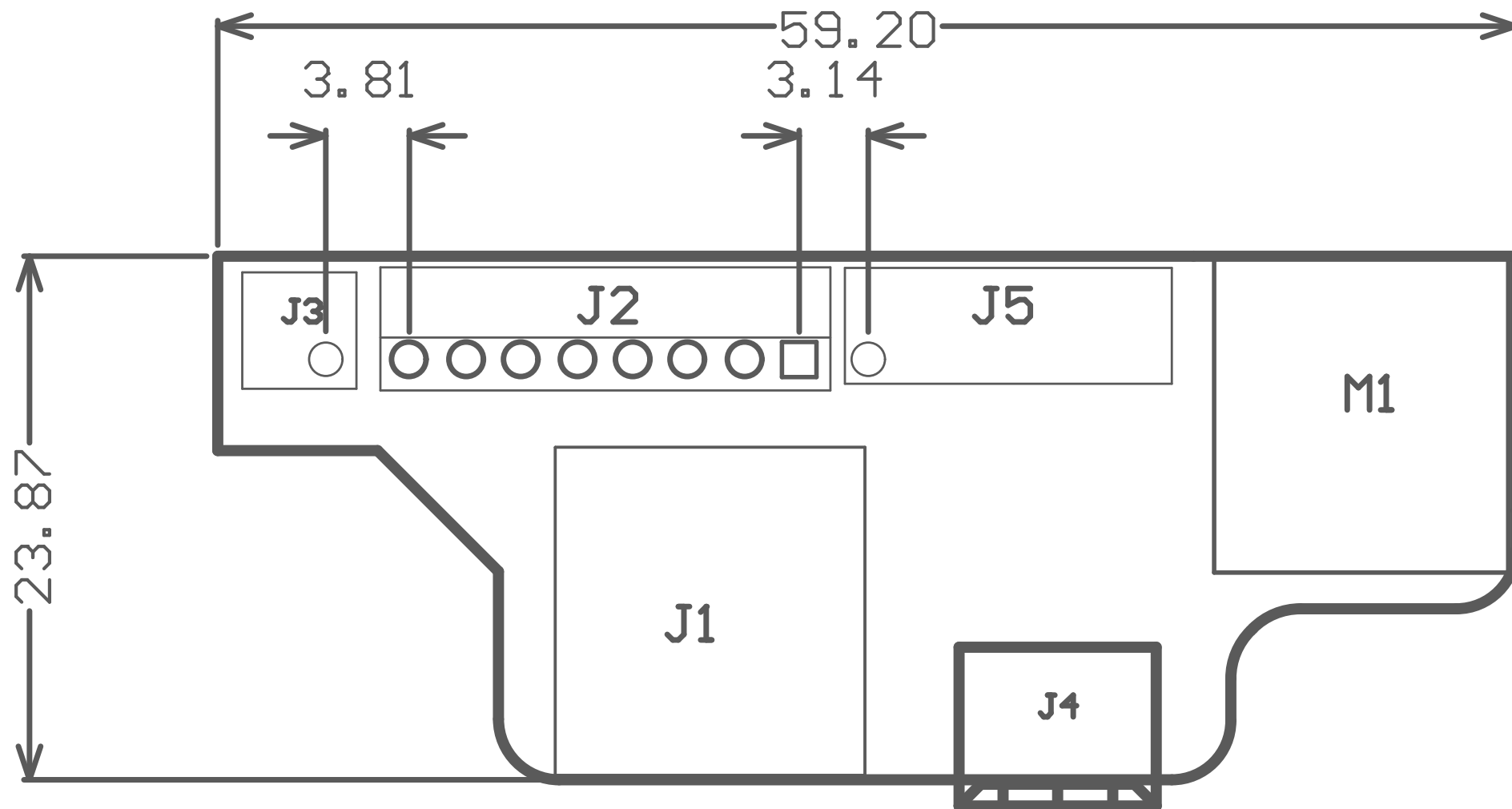
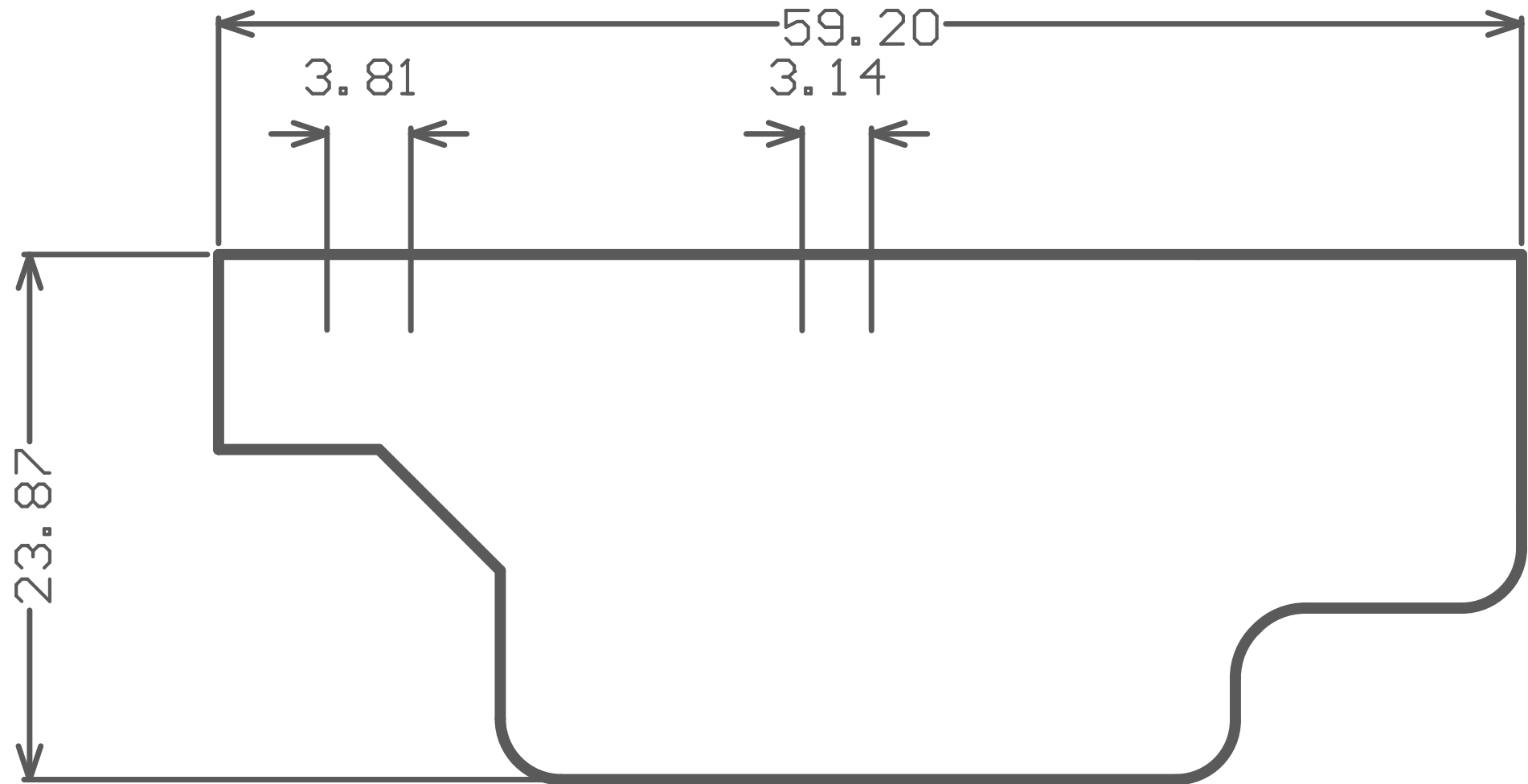


ATTEN: JLCPCB Controlled Impedance 7628 Stackup

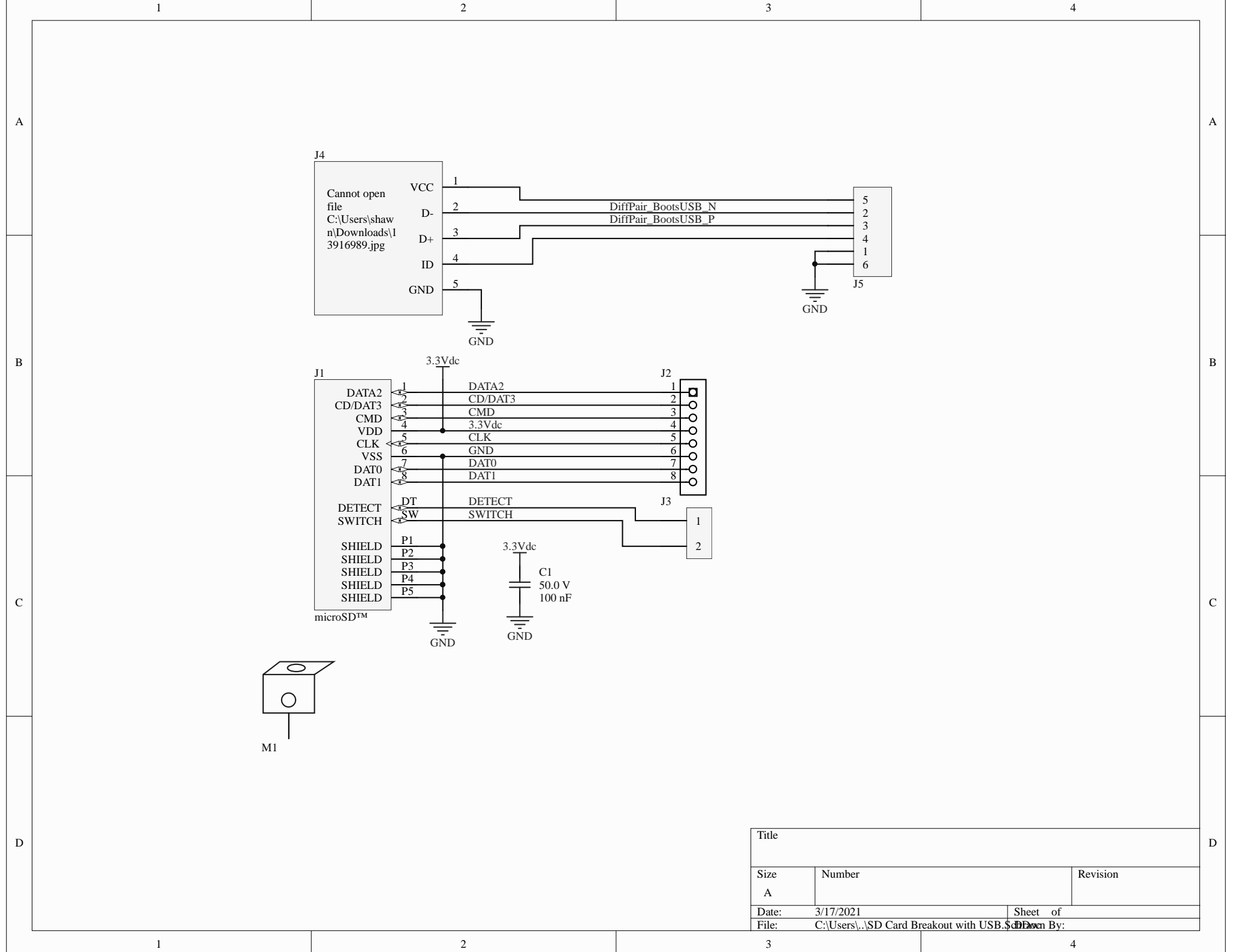


ATTEN: JLCPCB Controlled Impedance 7628 Stackup

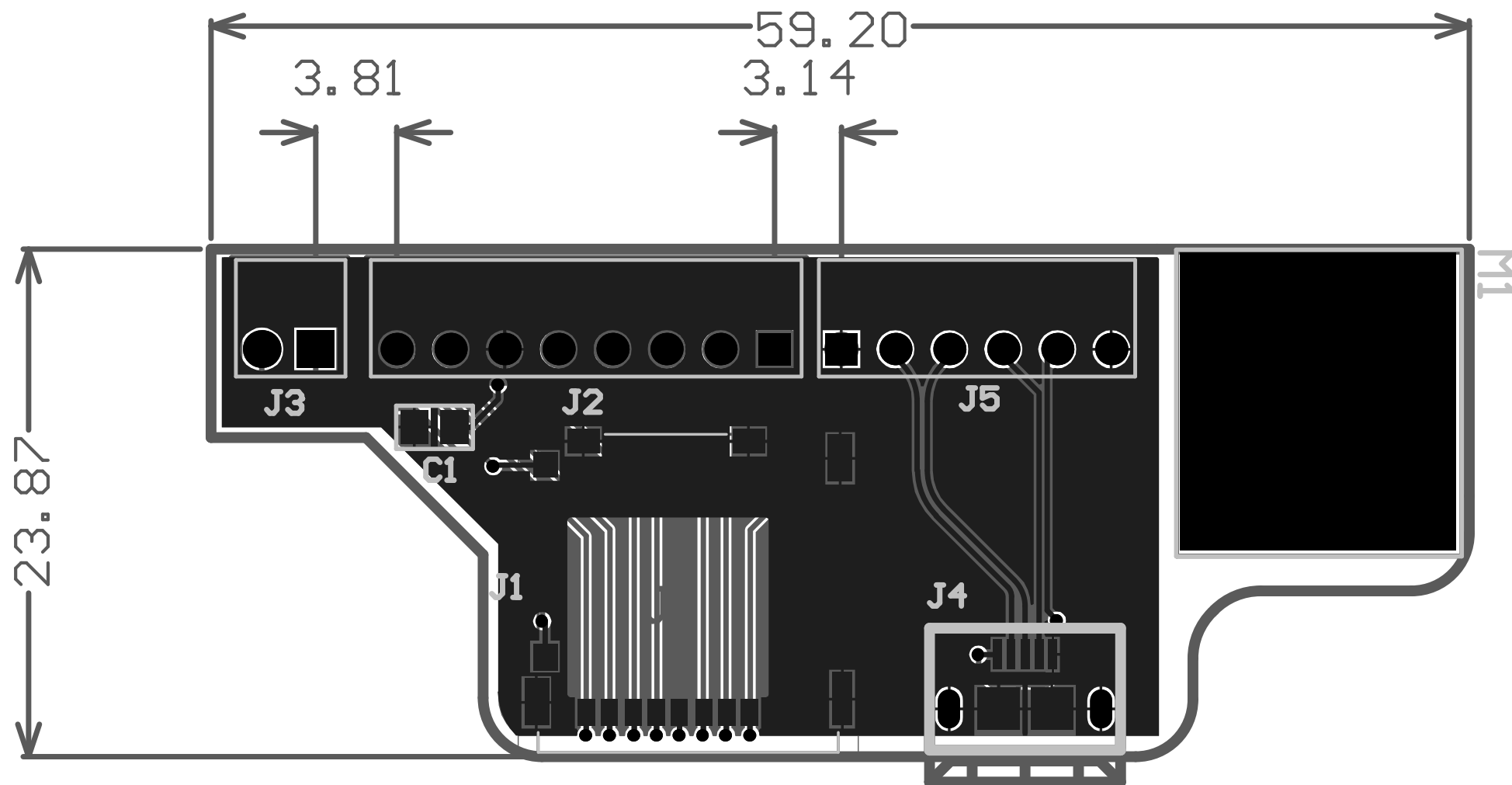


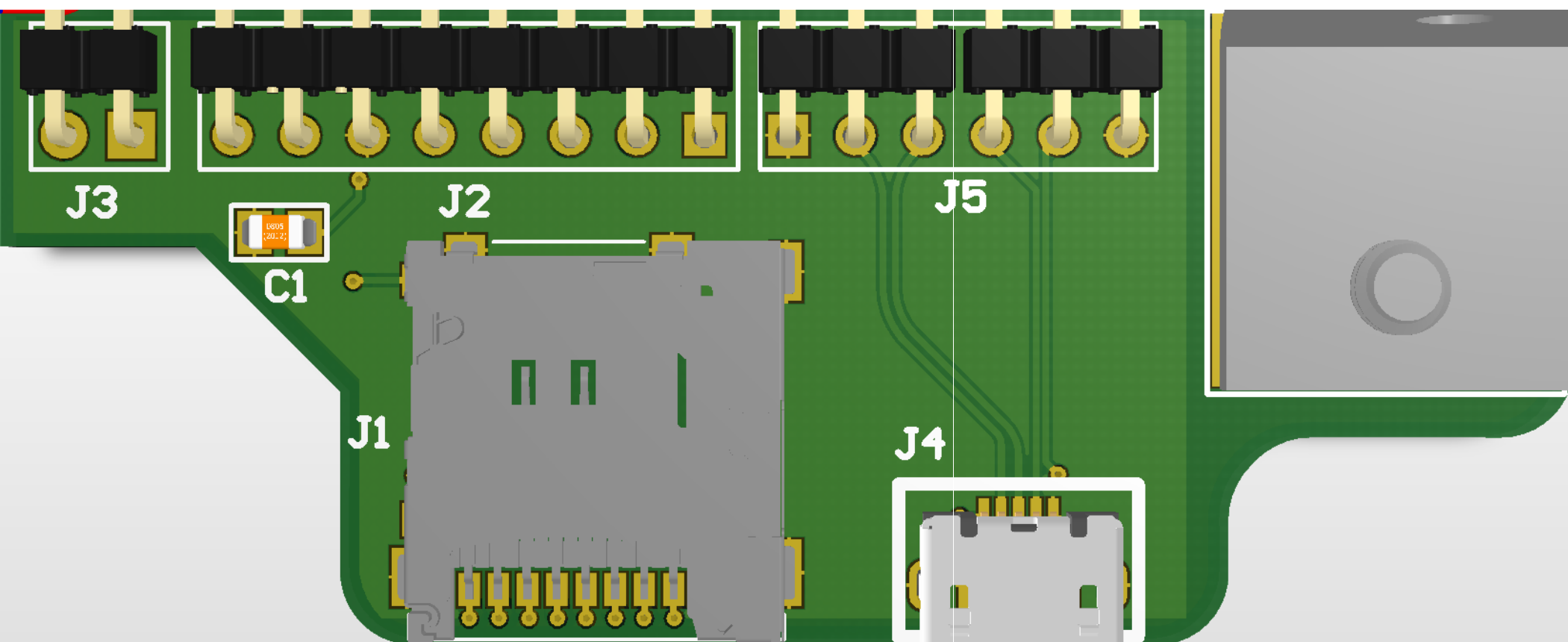
Electrical Rules Check Report

Class	Document	Message
Warning	SD Card Breakout with USB.SchDoc	Adding items to hidden net GND
Warning	SD Card Breakout with USB.SchDoc	Off grid at 400,284.843
Warning	SD Card Breakout with USB.SchDoc	Off grid Net Label 3.3VDC at 360,410
Warning	SD Card Breakout with USB.SchDoc	Off grid Net Label CLK at 360,400
Warning	SD Card Breakout with USB.SchDoc	Off grid Net Label CMD at 360,420
Warning	SD Card Breakout with USB.SchDoc	Off grid Net Label DAT0 at 360,380
Warning	SD Card Breakout with USB.SchDoc	Off grid Net Label DATA2 at 360,440
Warning	SD Card Breakout with USB.SchDoc	Off grid Net Label DETECT at 360,350
Warning	SD Card Breakout with USB.SchDoc	Off grid Net Label SWITCH at 360,340
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -1 at 320,440
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -2 at 320,430
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -3 at 320,420
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -4 at 320,410
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -5 at 320,400
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -6 at 320,390
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -7 at 320,380
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -8 at 320,370
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -DT at 320,350
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -P1 at 320,320
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -P2 at 320,310
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -P3 at 320,300
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -P4 at 320,290
Warning	SD Card Breakout with USB.SchDoc	Off grid Pin -SW at 320,340



ATTEN: JLCPCB Controlled Impedance 7628 Stackup





Bill of Materials

<Parameter Title not found>

Source Data From:	SD Card Breakout with USB.PrjPcb
Project:	SD Card Breakout with USB.PrjPcb
Variant:	None

Creation Date:	3/17/2021	10:49:47 PM
Print Date:	17-Mar-21	10:49:54 PM
Production Quantity:	100	
Currency	CAD	

Footprint	Comment	LibRef	Designator	Description	Quantity	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Order Qty 1	Supplier Subtotal 1	Manufacturer 1	Manufacturer Part Number 1
Cap,0805	Cap	Cap,0805,100nf, 50V, 5%, 08055C 104JAT2A	C1	Capacitor; Ceramic; Cap 0.1 uF; Tol 5%; Vol-Rtg 50 VDC; SMT; 0805; X7R; Tape & Reel	1							
Conn,SD micro,503182-1852	5031821852	Conn,SD Micro,10 (8 + 2) Position,SMD,R A,5031821852	J1	MICRO SD NORMAL ULTRALOWPRO8CKTE	1							
Header,8Pin,Singl eRow, RA,0.1" HEADER-1X2,0.1",RA1	HEADER,0.1",8 Pin,SinlgeRow Generic Header	HEADER,0.1",8 Pin,SinlgeRow Header 1x2,0.1"Spacing	J2		1	Digi-Key	S1011E-36-ND	1.97083	100	\$ 197.08	Sullins	PBC36SAAN
			J3		1							
Conn,USB micro,AB, Receptacle,USB30 90-30-A	USB3090-30-A	Conn,SMD,USB Micro AB,Recept,USB 2.0, USB3090-30-A	J4	MICRO A/B SKT,BOTTOM-SMT, R/A, 3	1							
Header, 6 pin, 0.1" Spaceing - RA	Header, through hole,vertical, 6pin,1 Row,0.1", M20-9991245	Header, through hole,vertical, 6pin,1 Row,0.1", M20-9991245	J5	2.54mm (0.1") Pitch SIL Vertical PC Tail Pin Header, 6.1mm mating pin height, gold (hi-temp mould), 6 contacts	1	Digi-Key						
Mech,Bracket,RA, #6,Threaded	4334	Mech,Bracket,R A,Threaded,433 4	M1	Mounting Bracket Short L #6-32 (2) Steel, Nickel Plated	1							
					7					\$ 197.08		

Approved	Notes

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