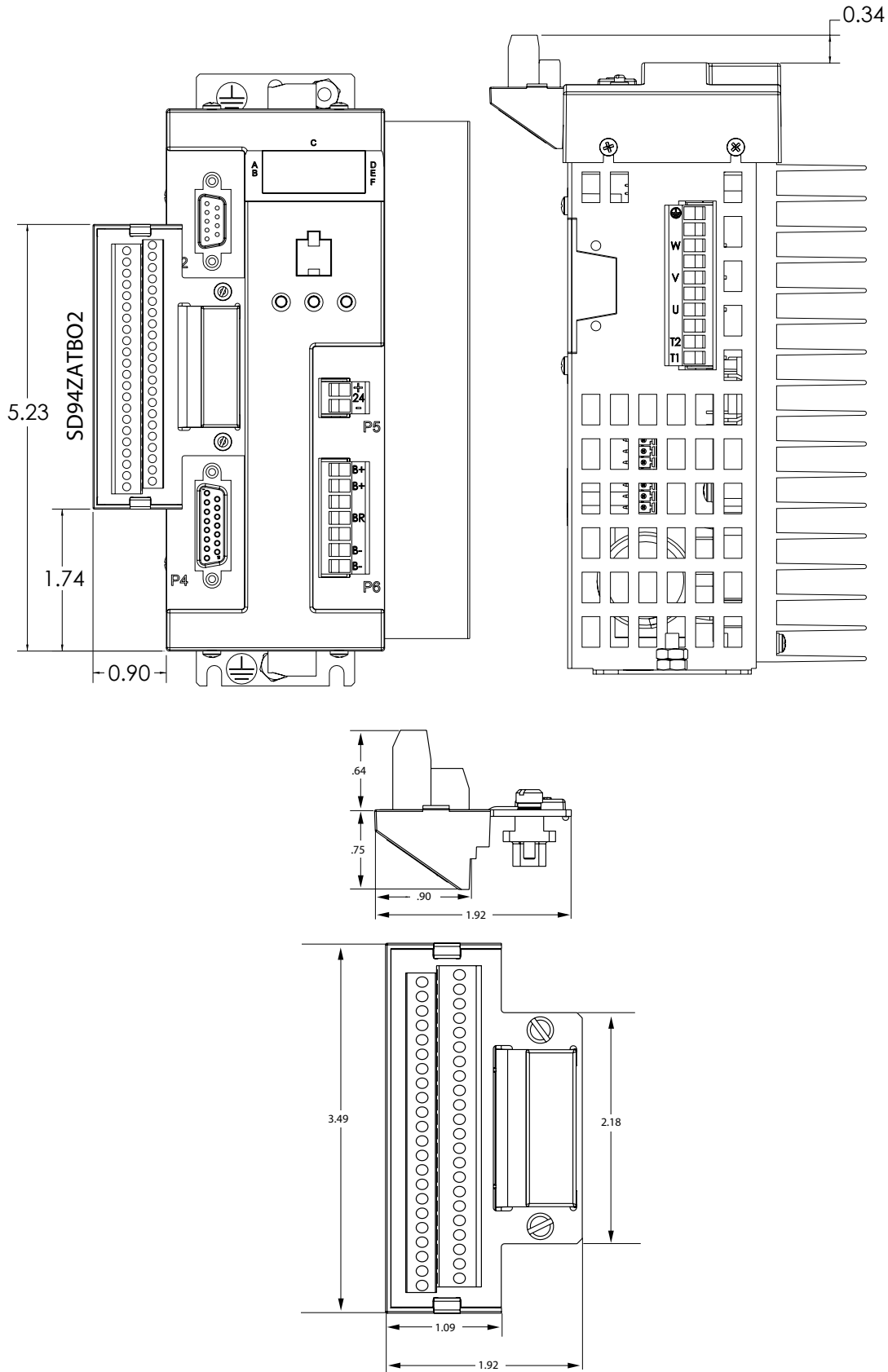


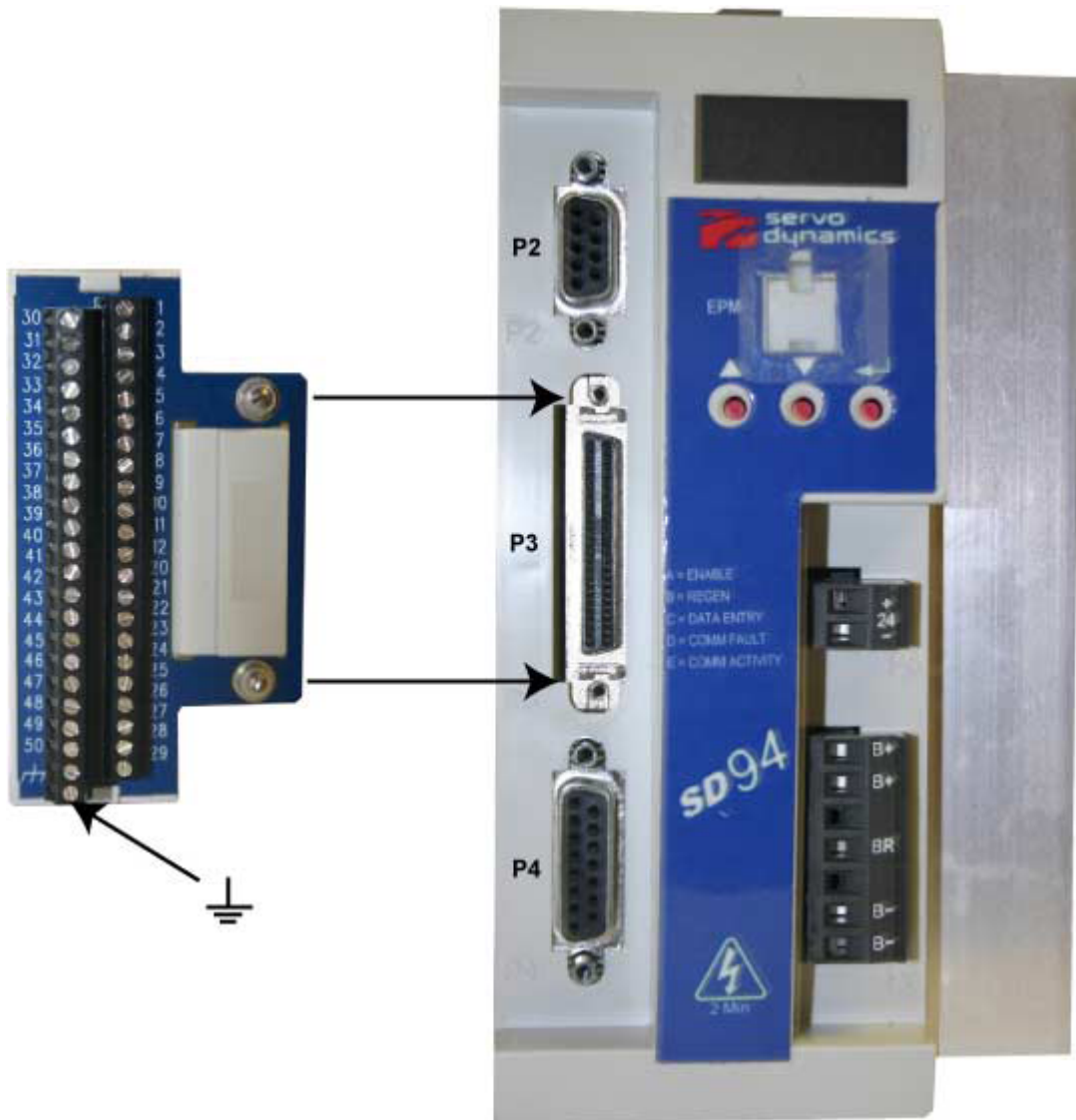
Breakout Modules & Footprint Dimensions

Item Number  
SD94ZATBO2

Description  
Terminal Block SCSI I/O Module, 94P Series



## Terminal Block Option



P3 is a 50-pin SCSI connector for interfacing to the front-end of the controllers. It is strongly recommended that you use OEM cables to aid in satisfying CE requirements. Contact your Servo Dynamics representative for assistance.

P3 Pin Assignments (Controller Interface)

PIN	Name	Function
1	MA+	Master Encoder A+/Step+ input <sup>2</sup>
2	MA-	Master Encoder A-/Step- input <sup>2</sup>
3	MB+	Master Encoder B+/Direction+ input <sup>2</sup>
4	MB-	Master Encoder B-/Direction- input <sup>2</sup>
5	GND	Drive Logic Common
6	5+	+5V output
7	BA+	Buffered Encoder Output: Channel A+ <sup>1</sup>
8	BA-	Buffered Encoder Output: Channel A- <sup>1</sup>
9	BB+	Buffered Encoder Output: Channel B+ <sup>1</sup>
10	BB-	Buffered Encoder Output: Channel B- <sup>1</sup>
11	BZ+	Buffered Encoder Output: Channel Z+ <sup>1</sup>
12	BZ-	Buffered Encoder Output: Channel Z- <sup>1</sup>
13-19		Empty
20	AIN2+	Positive (+) of Analog signal input
21	AIN2-	Negative (-) of Analog signal input
22	ACOM	Analog common
23	AO1	Analog output
24	AIN1+	Positive (+) of Analog signal input
25	AIN1-	Negative (-) of Analog signal input
26	IN_A_COM	Digital input group ACOM terminal <sup>3</sup>
27	IN_A1	Digital input A1
28	IN_A2	Digital input A2
29	IN_A3	Digital input A3 <sup>3</sup>
30	IN_A4	Digital input A4
31	IN_B_COM	Digital input group BCOM terminal
32	IN_B1	Digital input B1
33	IN_B2	Digital input B2
34	IN_B3	Digital input B3
35	IN_B4	Digital input B4
36	IN_C_COM	Digital input group CCOM terminal
37	IN_C1	Digital input C1
38	IN_C2	Digital input C2
39	IN_C3	Digital input C3
40	IN_C4	Digital input C4
41	RDY+	Ready output Collector
42	RDY-	Ready output Emitter
43	OUT1-C	Programmable output #1 Collector
44	OUT1-E	Programmable output #1 Emitter
45	OUT2-C	Programmable output #2 Collector
46	OUT2-E	Programmable output #2 Emitter
47	OUT3-C	Programmable output #3 Collector
48	OUT3-E	Programmable output #3 Emitter
49	OUT4-C	Programmable output #4 Collector
50	OUT4-E	Programmable output #4 Emitter

(1) See Note 1. SD94P Manual - Section 5.1.7 – Connector and Wiring Notes

(2) See Note 2. SD94P Manual - Section 5.1.7 – Connector and Wiring Notes

(3) See Note 3. SD94P Manual - Section 5.1.7 – Connector and Wiring Notes