



AXIOMATIC
Global Electronic Solutions

Universal Motor Controller CANopen
P/N: AX100271

Grey Receptacle		Black Receptacle	
	PIN #		PIN #
Sensor_GND	1	+5V Ref. 2	1
Hall_B	2	A/D Input 1	2
Battery +	3	A/D Input 2	3
Motor_D	4	Encoder A/PWM Out 1	4
Motor_C	5	Encoder B/PWM Out 2	5
Battery - (GND)	6	PWM In/Out	6
VBridge	7	CAN 2_H	7
Motor_B	8	CAN 2_L	8
Motor_A	9	CAN 1_H	9
Hall_A	10	CAN 1_L	10
Hall_C	11	A/D In 4	11
+5V Ref. 1	12	A/D In 3	12

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gray receptacle keyed "A" mates with DTM06-12SA

black receptacle keyed "B" mates with DTM06-12SB

TOLERANCES fabrication machining X.XXX +/- 0.015" X.XXX +/- 0.005" X.XX +/- 0.031" X.XX +/- 0.010" X.X +/- 0.031" X.X +/- 0.015" fractional +/- 0.031" fractional +/- 0.031"		<small>PROPRIETARY</small> THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY AND REMAINS THE EXCLUSIVE PROPERTY OF AXIOMATIC TECHNOLOGIES CORPORATION. THIS DRAWING MAY NOT BE USED, REPRODUCED IN WHOLE OR IN PART, NOR REVEALED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF AXIOMATIC TECHNOLOGIES CORPORATION. BY ACCEPTANCE OF THIS DRAWING, THE BEARER AGREES TO THESE CONDITIONS.		AXIOMATIC Global Electronic Solutions <small>AXIOMATIC TECHNOLOGIES CORPORATION 5915 WALLACE ST. MISSISSAUGA, ON CANADA L4Z1Z8 905-602-9270</small>		
		MATERIAL	DRAWN	DATE	TITLE	
	TF	6/18/2019	Universal Motor Controller, CANopen			
	CHECKED	DATE	DWG REV	DWG NO	PART REV	
			D1	AX100271-MD	1	
	APPROVED	DATE	SCALE	PART NO	SHEET	
			full	AX100271	1 of 1	