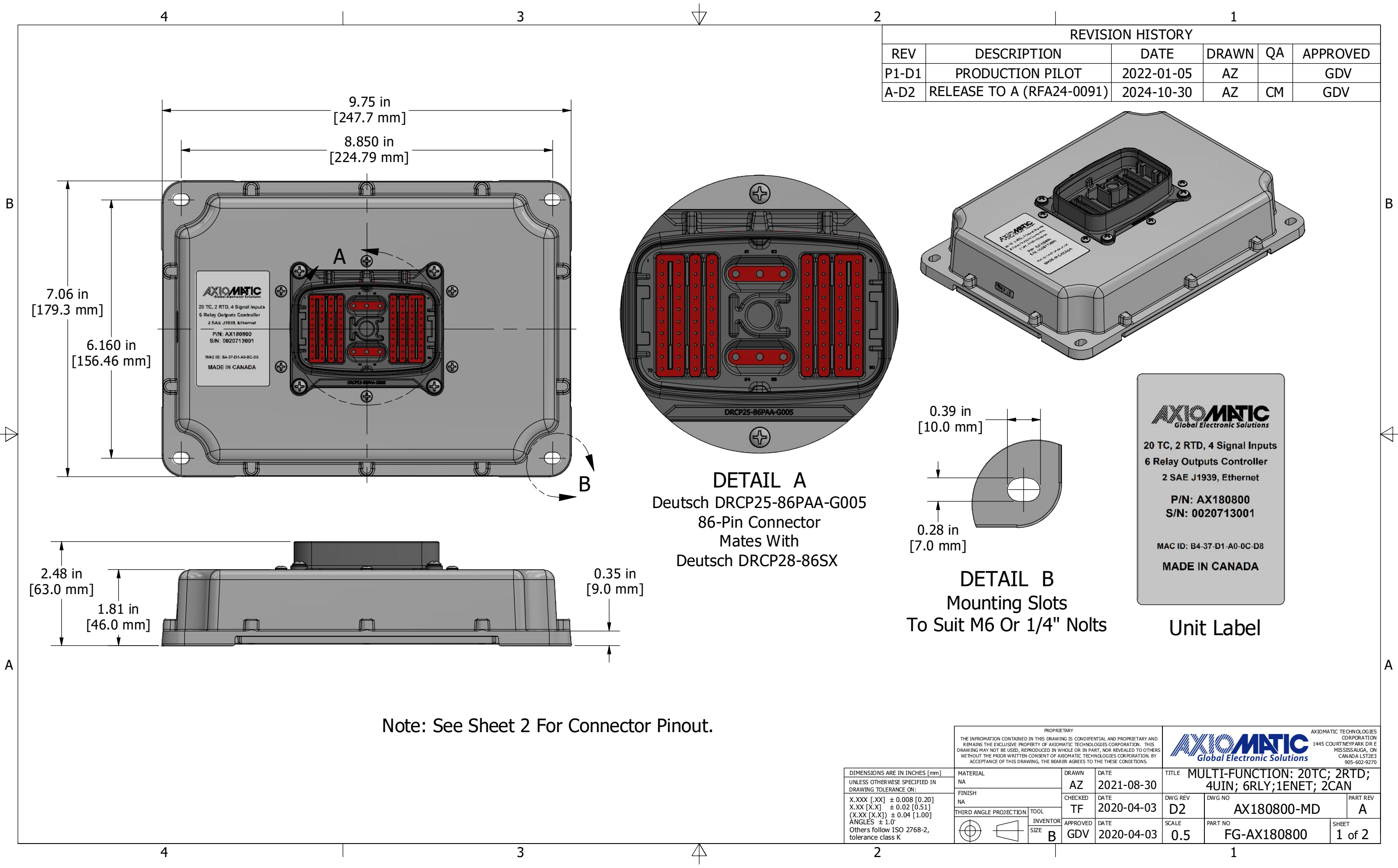
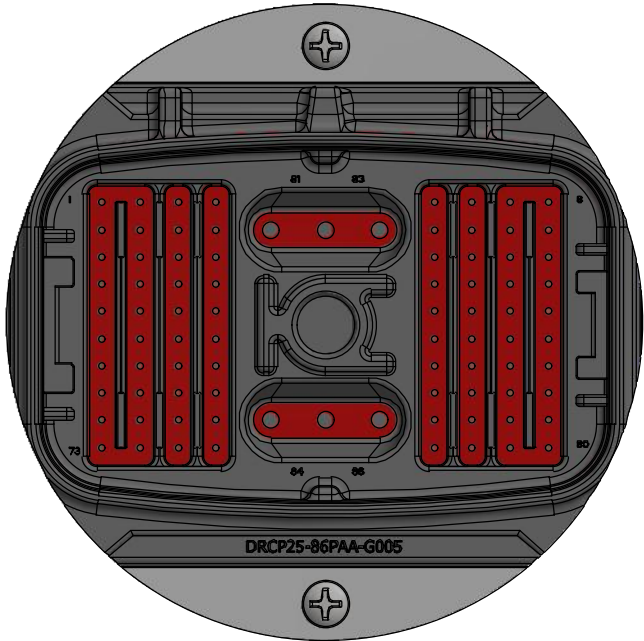
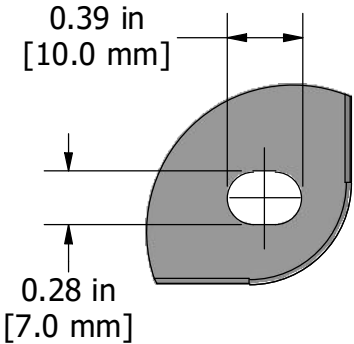
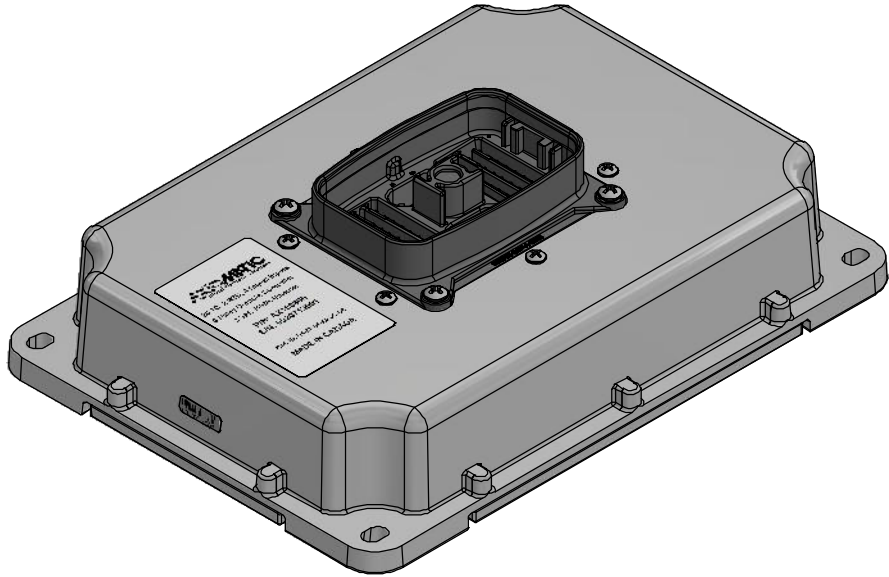




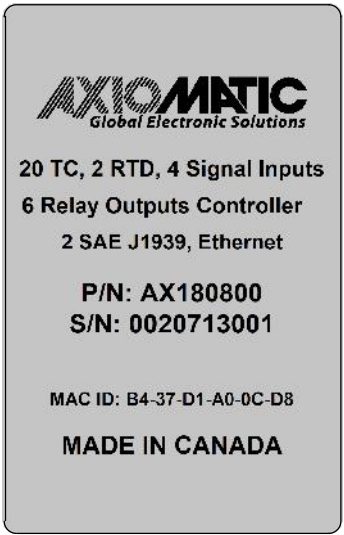
REVISION HISTORY					
REV	DESCRIPTION	DATE	DRAWN	QA	APPROVED
P1-D1	PRODUCTION PILOT	2022-01-05	AZ		GDV
A-D2	RELEASE TO A (RFA24-0091)	2024-10-30	AZ	CM	GDV



DETAIL A
Deutsch DRCP25-86PAA-G005
86-Pin Connector
Mates With
Deutsch DRCP28-86SX



DETAIL B
Mounting Slots
To Suit M6 Or 1/4" Nolts



Unit Label

Note: See Sheet 2 For Connector Pinout.

		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 TECHNOLOGIES CORPORATION 1445 COURT NEYPARK DR E MISSISSAUGA, ON CANADA L5T2E3 905-602-9270			
DIMENSIONS ARE IN INCHES [mm] UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON: X.XXX [.XX] ± 0.008 [0.20] X.XX [X.X] ± 0.02 [0.51] (X.XX [X.X]) ± 0.04 [1.00] ANGLES ± 1.0° Others follow ISO 2768-2, tolerance class K		MATERIAL NA FINISH NA THIRD ANGLE PROJECTION		DRAWN AZ CHECKED TF APPROVED GDV		DATE 2021-08-30 DATE 2020-04-03 DATE 2020-04-03		TITLE MULTI-FUNCTION: 20TC; 2RTD; 4UIN; 6RLY; 1ENET; 2CAN	
		TOOL INVENTOR SIZE B				DWG REV D2		DWG NO AX180800-MD	
						SCALE 0.5		PART NO FG-AX180800	
								SHEET 1 of 2	

CONNECTOR PINOUT TABLE				
Pin1: TC2_IN-	Pin19: TC5_IN-	Pin37: COM_6	Pin55: RTD_B_2	Pin73: TC20_IN-
Pin2: TC2_IN+	Pin20: TC5_IN+	Pin38: NO_6	Pin56: RTD_T_1	Pin74: TC20_IN+
Pin3: TC1_IN-	Pin21: NO_3	Pin39: Spare	Pin57: TC16_IN-	Pin75: TC19_IN-
Pin4: TC1_IN+	Pin22: NC_4	Pin40: Spare	Pin58: TC16_IN+	Pin76: TC19_IN+
Pin5: NC_1	Pin23: COM_4	Pin41: TC12_IN-	Pin59: TC15_IN-	Pin77: ETH_RX_X
Pin6: COM_1	Pin24: NO_4	Pin42: TC12_IN+	Pin60: TC15_IN+	Pin78: ETH_RX_P
Pin7: NO_1	Pin25: TC8_IN-	Pin43: TC11_IN-	Pin61: RTD_M_1	Pin79: ETH_TX_N
Pin8: NC_2	Pin26: TC8_IN+	Pin44: TC11_IN+	Pin62: RTD_B_1	Pin80: ETH_TX_P
Pin9: TC4_IN-	Pin27: TC7_IN-	Pin45: IN1	Pin63: GND	Pin81: BATT-
Pin10: TC4_IN+	Pin28: TC7_IN+	Pin46: IN2	Pin64: GND	Pin82: BATT+
Pin11: TC3_IN-	Pin29: NC_5	Pin47: IN3	Pin65: TC18_IN-	Pin83: Spare
Pin12: TC3_IN+	Pin30: COM_5	Pin48: IN4	Pin66: TC18_IN+	Pin84: BATT-
Pin13: COM_2	Pin31: NO_5	Pin49: TC14_IN-	Pin67: TC17_IN-	Pin85: BATT+
Pin14: NO_2	Pin32: NC_6	Pin50: TC14_IN+	Pin68: TC17_IN+	Pin86: Spare
Pin15: NC_3	Pin33: TC10_IN-	Pin51: TC13_IN-	Pin69: CAN2_P	
Pin16: COM_3	Pin34: TC10_IN+	Pin52: TC13_IN+	Pin70: CAN2_N	
Pin17: TC6_IN-	Pin35: TC9_IN-	Pin53: RTD_T_2	Pin71: CAN_P	
Pin18: TC6_IN+	Pin36: TC9_IN+	Pin54: RTD_M_2	Pin72: CAN_N	

DIMENSIONS ARE IN INCHES [mm]
UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:
X.XXX [.XX] ± 0.008 [0.20] X.XX [X.X] ± 0.02 [0.51] (X.XX [X.X]) ± 0.04 [1.00] ANGLES ± 1.0° Others follow ISO 2768-2, tolerance class K

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MATERIAL NA	DRAWN AZ	DATE 2021-08-30	THIRD ANGLE PROJECTION
FINISH NA	CHECKED TF	DATE 2020-04-03	
INVENTOR SIZE B	APPROVED GDV	DATE 2020-04-03	

		AXIOMATIC TECHNOLOGIES CORPORATION 1445 COURT NEYPARK DR E MISSISSAUGA, ON CANADA L5T2E3 905-602-9270	
TITLE MULTI-FUNCTION: 20TC; 2RTD; 4UIN; 6RLY; 1ENET; 2CAN			
DWG REV D2	DWG NO AX180800-MD		PART REV A
SCALE 0.5	PART NO FG-AX180800	SHEET 2 of 2	