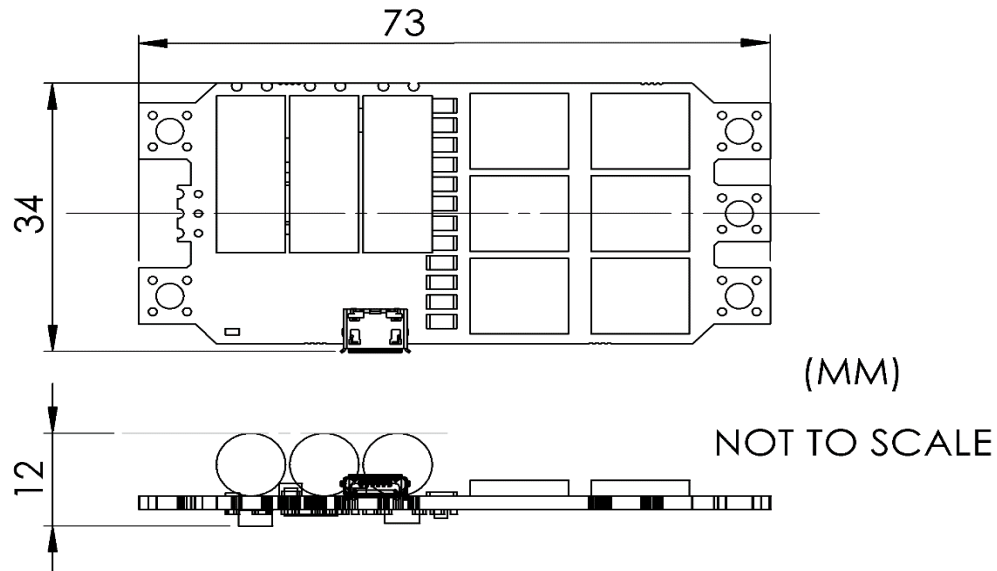




APD F Series: 200F3[X] Datasheet

Version	1.6	Date	20 th December 2021
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Drawings



Specification

Peak Power Rating (kW)	18	Weight (No cables) (g)	36
Continuous Current (A)	200	Dimensions (mm)	73 × 34 × 12
Continuous Rating Duration (s)	60	ProShot Frequency Range (Auto Detection) (kBit/Sec)	1000
Burst Current (A)	300	DShot Frequency Range (Auto Detection) (kBit/Sec)	300 to 1200
Burst Rating Time (s)	5	PWM Pulse Frequency Range (Auto Detection) (Hz)	50 to 500
Max Voltage (V)	60	Auto Output PWM-Freq	YES
Max ERPM	750,000	Regenerative Braking	YES
Input Resolution	10 bit	Max Regen Current (A)	20 (10% Max Current)
	0.1%	Max Regen Voltage	110% Power on Voltage
Max No. of LiPo Cells (S)	14	Auto Timing Advance	YES
Min Voltage (V)	15	Stall and Desync Protection	YES
Min S (LiPo)	4	Configurator Tool	NO
Min Operating Temperature (°C)	-20	Data Logging (Black Box)	NO
Max Operating Temperature (°C) (50% current limiter threshold)	115	Bi-Directional Control	NO
Recommended Airflow to achieve max power ratings (m/s)	33	Micro USB Firmware Flashing	YES
Decoupling Capacitor	3 X 180uF 63V (Attached)	Country of Origin	Australia

CAD Drawing https://docs.powerdrives.net/downloads/cad-downloads	Quick Start Guide https://docs.powerdrives.net/products/f-series-esc
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