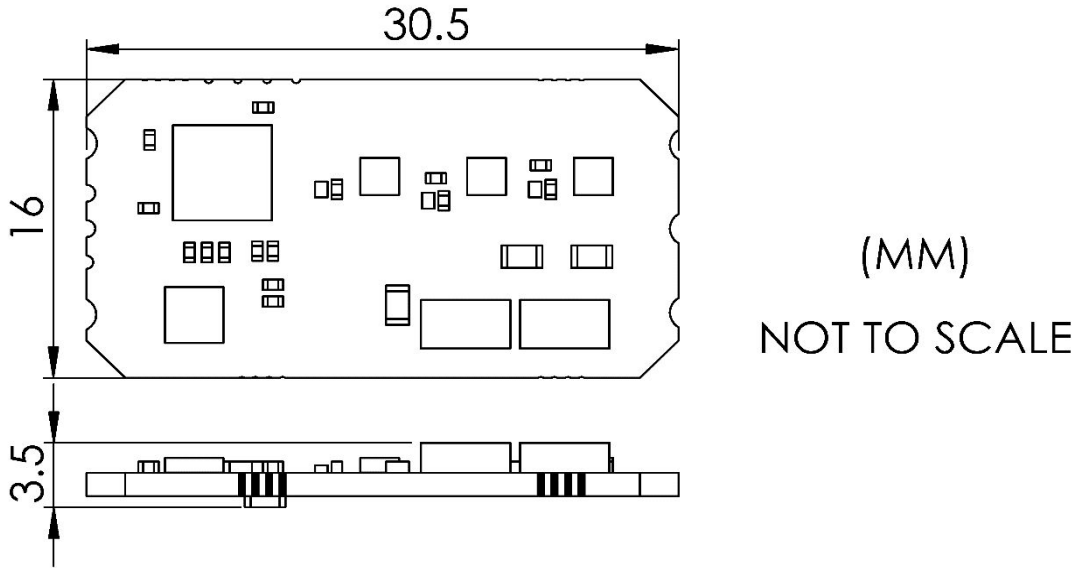




## APD F Series: 40F3 Datasheet

Version	1.1	Date	8th January 2020
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### Drawings



### Specification

Peak Power Rating (kW)	2.5	Weight (No cables) (g)	3
Continuous Current (A)	40	Dimensions (mm)	31 × 16 × 4
Continuous Rating Duration (s)	180	ProShot Frequency Range (Auto Detection) (kBit/Sec)	1000
Burst Current (A)	100	DShot Frequency Range (Auto Detection) (kBit/Sec)	300 to 1200
Burst Rating Time (s)	5	Auto-detect Multishot	NO
Max Voltage (V)	25	Auto PWM-Freq	YES
Max ERPM	750,000	Regenerative Braking	YES
Input Resolution	10 bit	Max Regen Current (A)	18
	0.1%	Max Regen Voltage	110% Power on Voltage
Max No. of LiPo Cells (S)	6	Auto Timing Advance	YES
Min Voltage (V)	6	Stall Protection	YES
Min S (LiPo)	2	Configurator Tool	NO
Max Operating Temperature (°C) (50% current limiter threshold)	115	Data Logging (Black Box)	NO
Recommended Airflow to achieve max power ratings (m/s)	10	Bi-Directional Control	NO
Decoupling Capacitor	1 X 100uF 35V	Micro USB Firmware Flashing	NO

CAD Files

<https://a360.co/2QWJIN8>