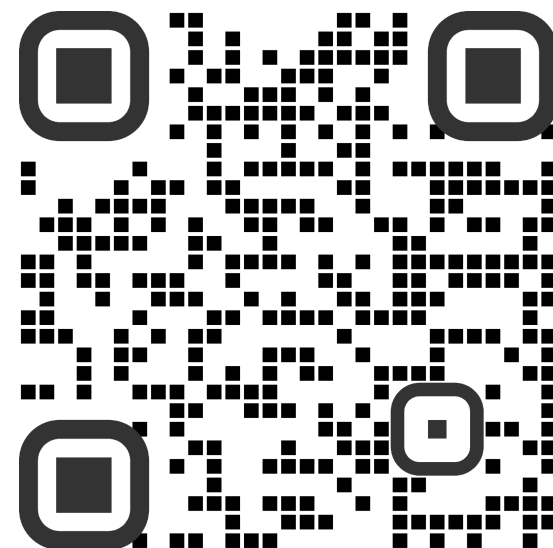




Your Partner In UAV Electronics

BLDC MOTORS
ELECTRONIC SPEED CONTROLLERS
PROPELLERS
INTEGRATED PROPULSION UNITS
CAPACITOR BANKS
POWER DISTRIBUTION BOARDS



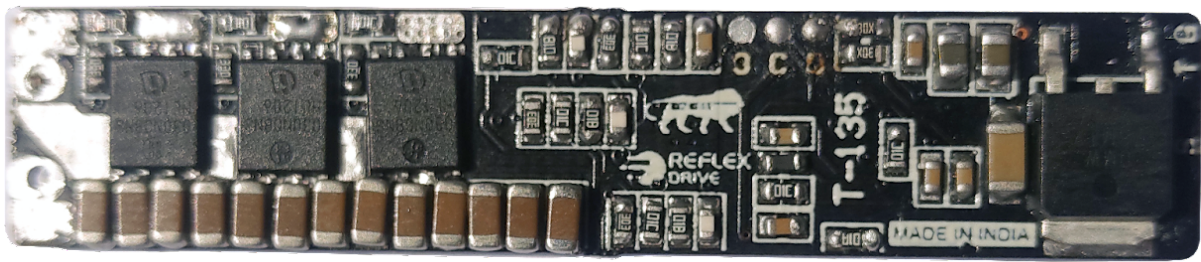
IIT KANPUR



INCUBATION AND INNOVATION

STARTUP
INCUBATION AND
INNOVATION
CENTRE
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Pencil ESC



Product description:

Reflex Drive's Pencil ESCs are state-of-the-art electronic speed controllers (ESC) that offer a lightweight solution for driving BLDC motors, proudly made in India.

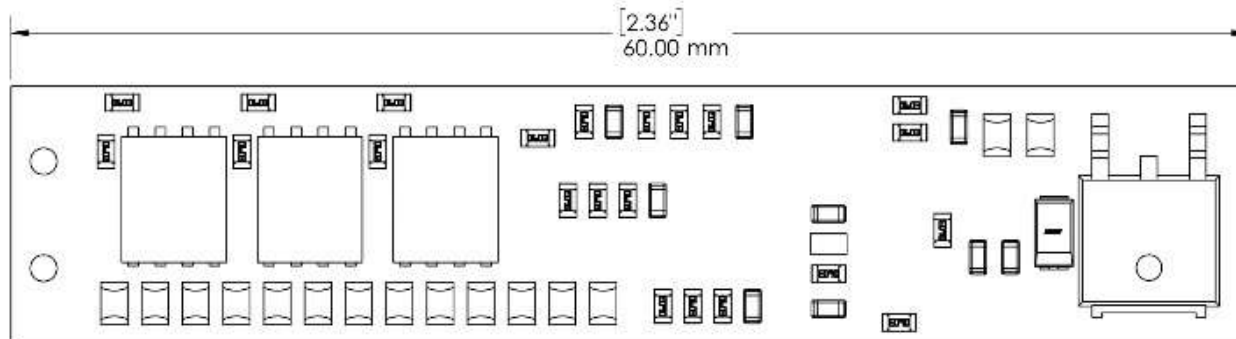
These ESCs are designed to deliver superior performance and reliability with customizable firmware and advanced safety features. The Pencil ESC is a lighter alternative with excellent heat dissipation and protection against harsh environmental conditions.

Pencil ESC Specifications

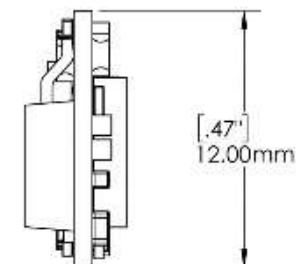
Continuous Current Range	30A
Voltage	4S - 6S
BEC	No
Max Operating Temperature	90 °C
Dimensions	12mm x 60mm
Base	Yes
Telemetry	Yes
Current Sense	No
Communication Protocol	PWM, DShot300
Waterproof Rating	IP3
Status	Production

Pencil ESC Product Range Overview

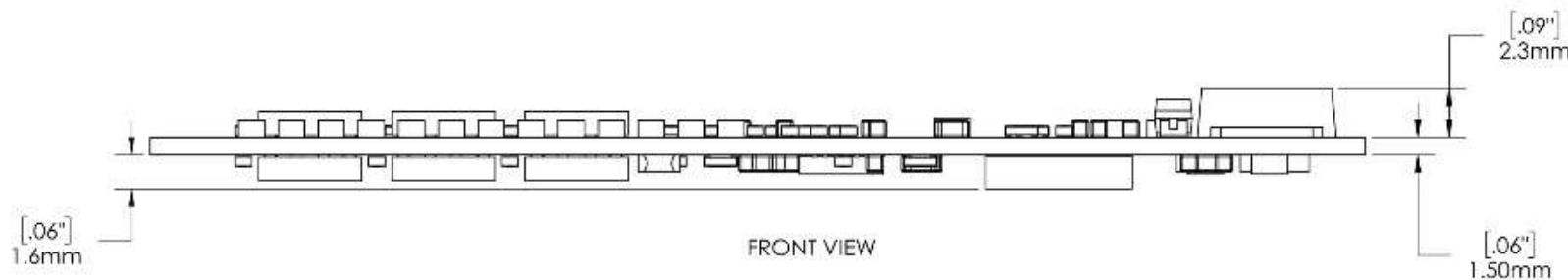
Continuous Current	Voltage	Heatsink Plate	Enclosure	Dimensions	Weight	Base	Telemetry	Current Sense	Part Number
30	6S (24V)			12mm x 60mm	5 gm	✓	✓		RD-P-TZ-030-06-E-BT



TOP VIEW



SIDE VIEW



FRONT VIEW

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FRESH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
								PENCIL ESC ESC 135 DWG NO. A3 SHEET 1 OF 1			
DESIGN:	NAME:	SIGNATURE:	DATE:								
CHK'D:											
APP'D:											
MFG:											
Q.A.											
				MATERIAL:							
				WEIGHT: 7 grams							