



Copley Controls - DC Servo Amplifiers

5211CE



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The **5211CE** is a part of the **DC Servo Amplifiers Series** by **Copley Controls**.

Specifications

Bandwidth:	Small signal -3dB @ 3kHz with 200uH load	Connectors:	J1: Power & motor, J2: Halls / Options, J3: Signal	Continuous Power:	~5A @ ~173V
Dc Power Requirement:	+24 to +180VDC	Load Inductance:	200 uH to 40mH typical	Operating Temperature:	0 degrees to 70 degrees C baseplate temperature
Output Power Peak:	~10A @ ~171V	Output Voltage:	$\sim V_{out} = (\sim HV) \times (0.97) - (R_o) \times (I_o)$ $R_o = 0.4$	Peak Time:	1 sec at peak power or 2 secs. after polarity reversal
Protections:	Short-circuits, over/under voltage, over temperature	Pwm Switching Frequency:	25kHz	Reference Input:	Differential, 94K" between inputs, ~20V maximum
Size:	3.82 x 6.57 x 1.37 in. without optional heatsink	Storage Temperature:	-30 degrees C to +85 degrees C	Weight:	1.1 lb without optional heatsink
Last Verified:	05/23/2025 9:05 PM				

Contact Us

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Shipping Options



Payment Methods



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