



Copley Controls - DC Servo Amplifiers

5221CE



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The **5221CE** is a part of the **DC Servo Amplifiers Series** by **Copley Controls**.

Specifications

Bandwidth:	Small signal -3dB @ 3kHz	Continuous Power:	~10A @ ~173V	Dc Power:	+24 to +180VDC Transformer isolated
Indicators:	Normal, Power OK, Fault LED indicators	Load Inductance:	200 uH to 40mH, typical	Motor Inductance Setting:	Selectable with components on header socket
Operating Temperature Range:	0 degrees to 70 degrees C baseplate temperature	Output Voltage:	$-V_{out} = (-HV) \times (0.97) - (R_o) \times (I_o)$, $R_o = 0.2$	Peak Power:	~20A @ ~171V
Protective Features:	Output short circuit, overtemperature protection	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	Watts @ Icont:	54W	Weight:	1.1 lb without optional heatsink
Last Verified:	05/23/2025 7:01 PM				

Contact Us

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Shipping Options



Payment Methods



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