



Copley Controls - DC Servo Amplifiers

5121CE



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One Year
Warranty

The **5121CE** is a part of the **DC Servo Amplifiers Series** by **Copley Controls**.

Specifications

Continuous output current:

10A @ 85V

Input differential amplifier gain:

1 V/V

Logic inputs:

/ENABLE,
/POS_ENABLE,
/NEG_ENABLE,
/BRAKE, /RESET

Peak output current:

20A @ 83V

Small-signal bandwidth:

-3dB @ 3kHz
(200μH load)

Last Verified:

05/24/2025
5:57 AM

Dimensions:

3.82 × 6.57 ×
1.37 in (no
heatsink)

LED indicators:

Normal, Power
OK, Fault

Operating temperature:

0 to 70°C

PWM switching frequency:

25 kHz

Supply voltage:

+24 to +90 VDC

Fault protections:

short-circuit,
over/under-
voltage, over-
temperature

Load inductance:

200μH to 40mH

Output voltage:

$V_{out} = HV \times 0.97$
SPR 0.2 × I_{out}

Reference input:

differential, 94k?
impedance, max
20V

Weight:

1.1 lb (no
heatsink)

Contact Us

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Shipping Options



Payment Methods

