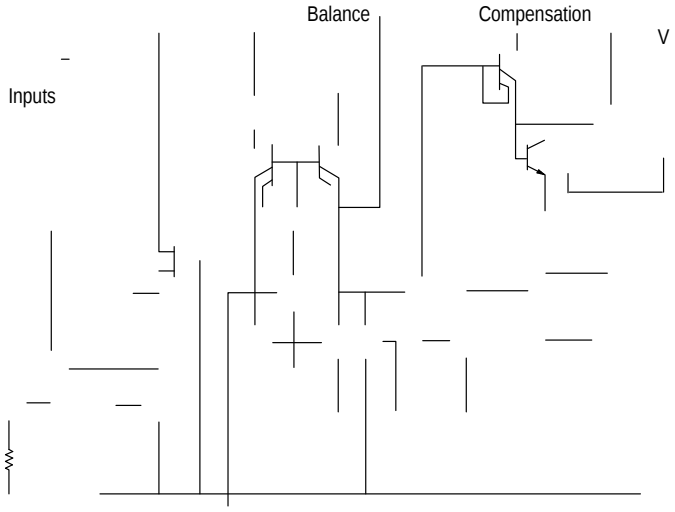

Balance
Compensation
V
Inputs

MAXIMUM RATINGS

Rating	Symbol	Value			Unit
		LM201A	LM201AV	LM301A	
		±	±	±	
		← ± →			
		← ± →			
		← →			
– – °					°
		–	–		°
		← – →			°

ELECTRICAL CHARACTERISTICS °

± ± ± ±

Characteristic	Symbol	LM201A / LM201AV			LM301A			Unit
		Min	Typ	Max	Min	Typ	Max	
≤ Ω		–			–			
		–			–			
		–			–			
				–			–	Ω
± ±		– –	– –	– –	– –	– –	– –	
± ± Ω				– –			– –	

The following specifications apply over the operating temperature range.

≤ Ω		–	–		–	–		
		–	–		–	–		
≤ ≤	Δ Δ	–			–			µ °
° ≤ ≤ ≤ ≤ °	Δ Δ	– –			– –			°
		–	–		–	–		
± Ω			– –	– –		– –	– –	
± ±		– –	– –	– –	– –	– –	– –	
≤ Ω				–			–	
≤ Ω				–			–	
± ± Ω, Ω)		± ±	± ±	– –	± ±	± ±	– –	
±		–			–	–	–	

±

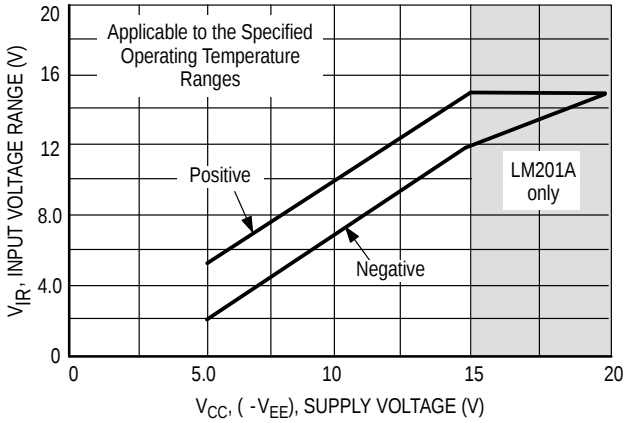


Figure 4. Minimum Input Voltage Range

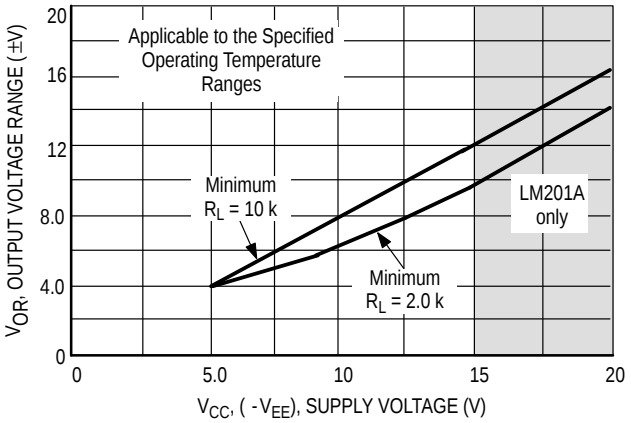


Figure 5. Minimum Output Voltage Swing

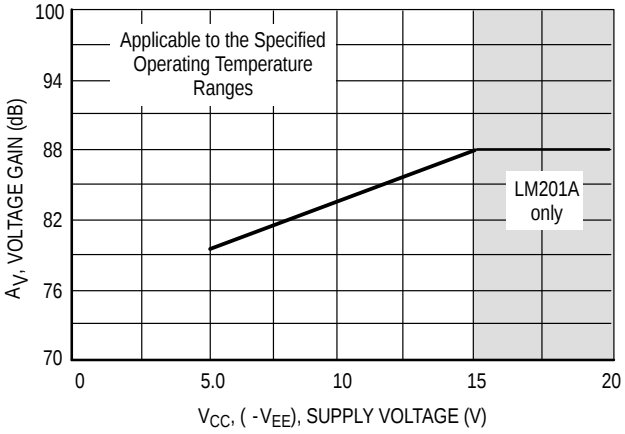


Figure 6. Minimum Voltage Gain

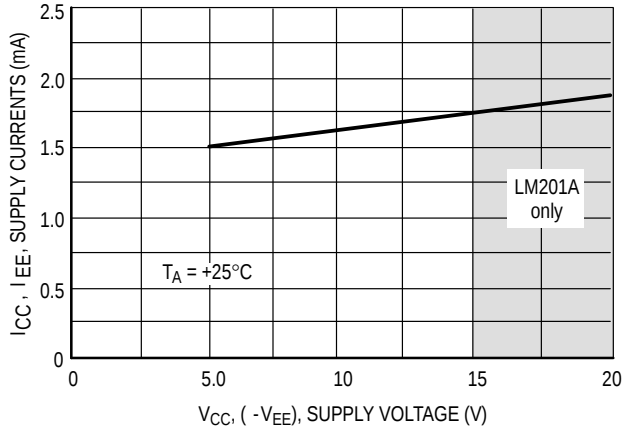


Figure 7. Typical Supply Currents

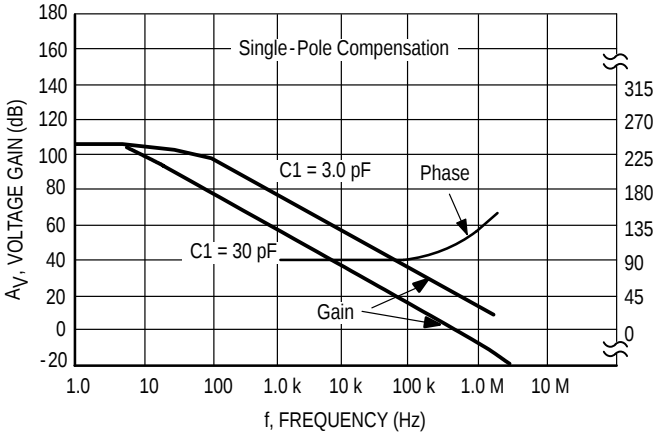


Figure 8. Open Loop Frequency Response

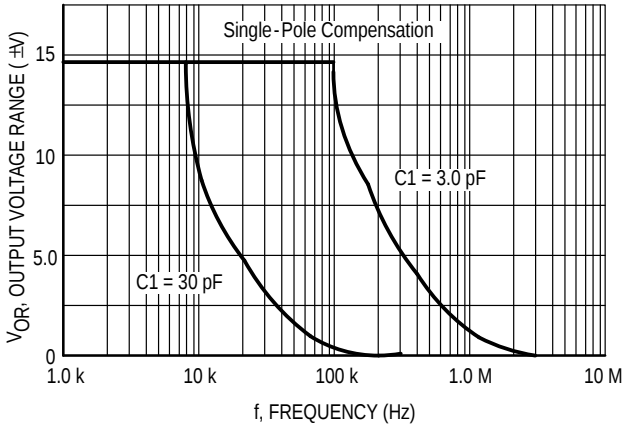
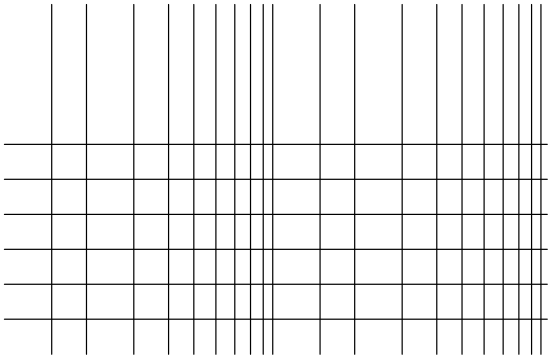


Figure 9. Large Signal Frequency Response



–X–

– – –

⊕	0.	(0.010) Ⓜ	Ⓜ

–Y–

– – –

G

–Z–

C	1.35	1.75	0.053	0.069
D	0.33	0.51	0.013	0.020
G	1.27 BSC		0.050 BSC	
H	0.10	0.25	0.004	0.010
J	0.19	0.25	0.007	0.010
K	0.40	1.27	0.016	0.050
M	0	8	0	8
N	0.25	0.50	0.010	0.020
S	5.80	6.20	0.228	0.244

0. (0.010) Ⓜ 1 0 1 1 0 0 1 . 0 0 0 0 . 1 1 0 1 1 . 1 0 . 0 0 0 1 . 1 1 0 0 1 1 0 ( ) 0 1 . 1 1 0 0 1 1 . 1 1 . 1 0 0 . 0 0 0 . 1 1 . 1 0 0 . 0 0 . 0 1 1 . 1 0 0 . 0 1 0 0 0 .)

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