







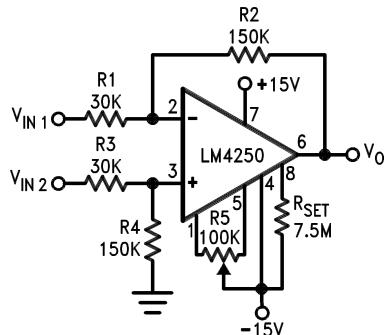






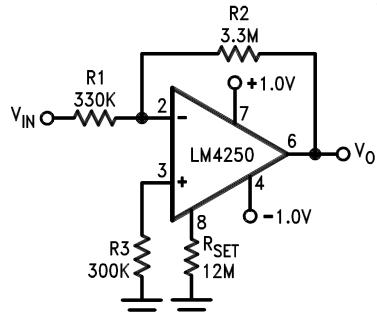
## Typical Applications

X5 Difference Amplifier



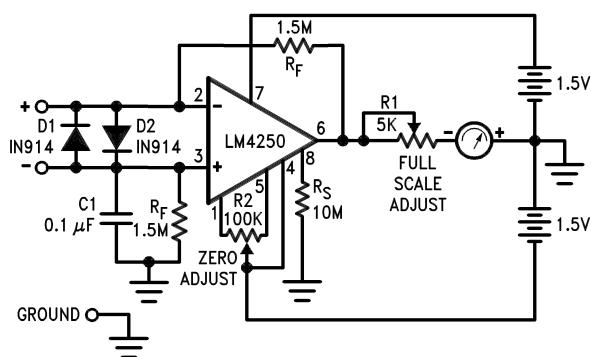
Quiescent  $P_D = 0.6 \text{ mW}$

500 Nano-Watt X10 Amplifier



Quiescent  $P_D = 500 \text{ nW}$

Floating Input Meter Amplifier  
100 nA full Scale

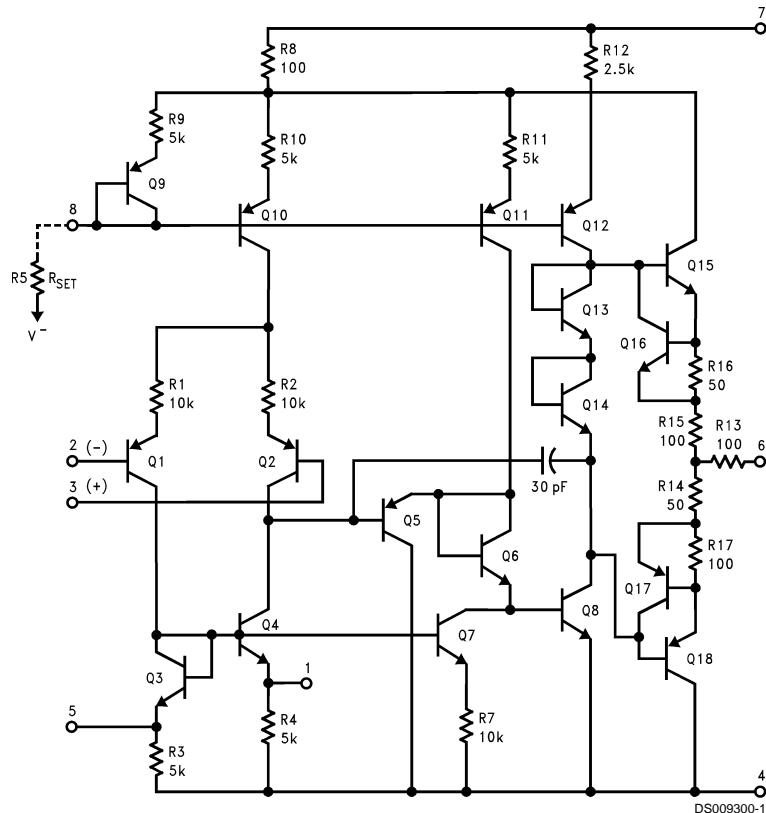


Quiescent  $P_D = 1.8 \mu\text{W}$

\*Meter movement (0–100 μA, 2 kΩ) marked for 0–100 nA full scale.

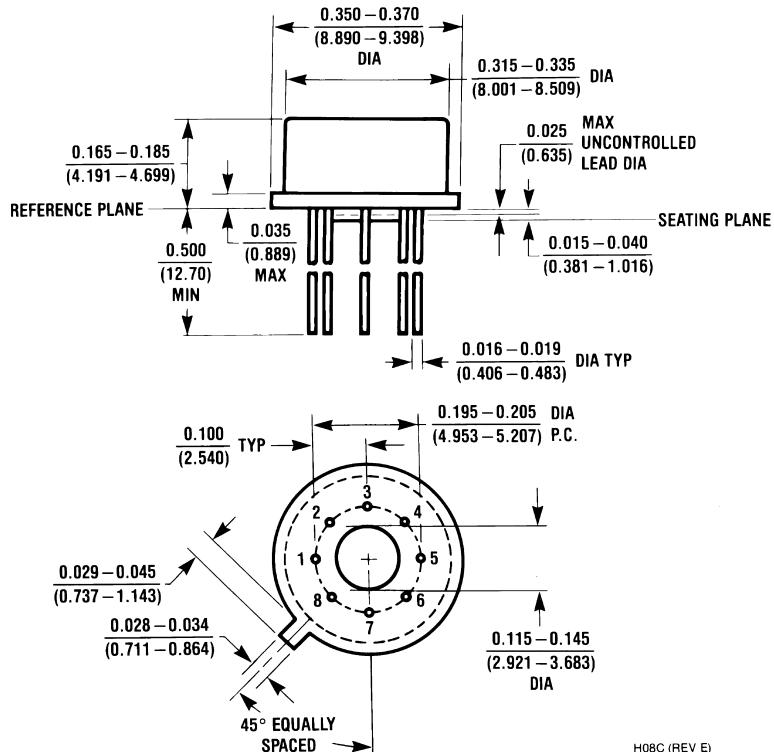


## Schematic Diagram

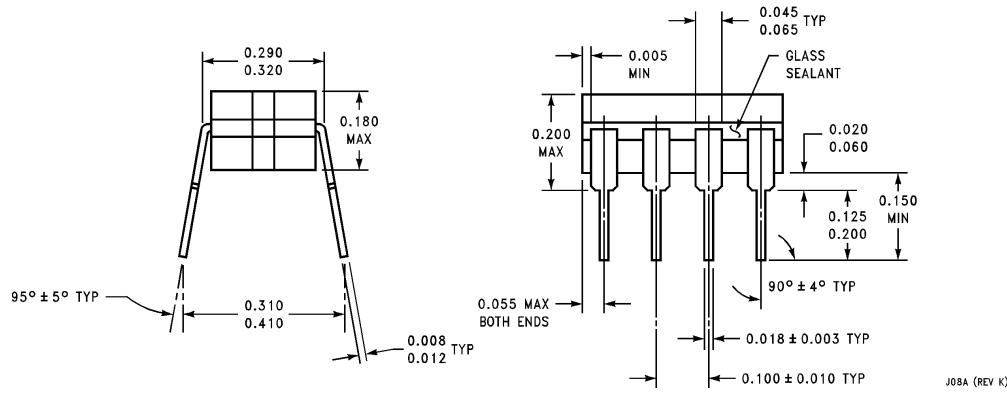
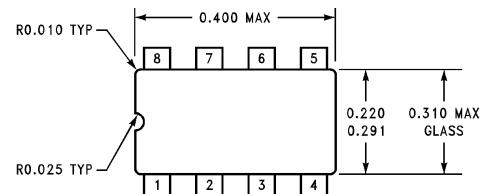


## Ordering Information

Temperature Range		Package	NSC Package Number
Military $-55^{\circ}\text{C} \leq T_A \leq +125^{\circ}\text{C}$	Commercial $0^{\circ}\text{C} \leq T_A \leq +70^{\circ}\text{C}$		
	LM4250CN	8-Pin Molded DIP	N08E
	LM4250CM LM4250CMX	8-Pin Surface Mount	M08A
LM4250J-MIL		8-Pin Ceramic DIP	J08E
	LM4250CH	8-Pin Metal Can	H08C

**Physical Dimensions** inches (millimeters) unless otherwise noted

**Metal Can Package (H)**  
Order Number LM4250CH  
NS Package Number H08C



**Ceramic Dual-In-Line Package (J)**  
Order Number LM4250J-MIL  
NS Package Number J08A



## Notes

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2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.



**National Semiconductor Corporation**  
Americas  
Tel: 1-800-272-9959  
Fax: 1-800-737-7018  
Email: support@nsc.com  
[www.national.com](http://www.national.com)

**National Semiconductor Europe**  
Fax: +49 (0) 180-530 85 86  
Email: europe.support@nsc.com  
Deutsch Tel: +49 (0) 69 9508 6208  
English Tel: +44 (0) 870 24 0 2171  
Français Tel: +33 (0) 1 41 91 8790

**National Semiconductor Asia Pacific Customer Response Group**  
Tel: 65-2544466  
Fax: 65-2504466  
Email: ap.support@nsc.com

**National Semiconductor Japan Ltd.**  
Tel: 81-3-5639-7560  
Fax: 81-3-5639-7507