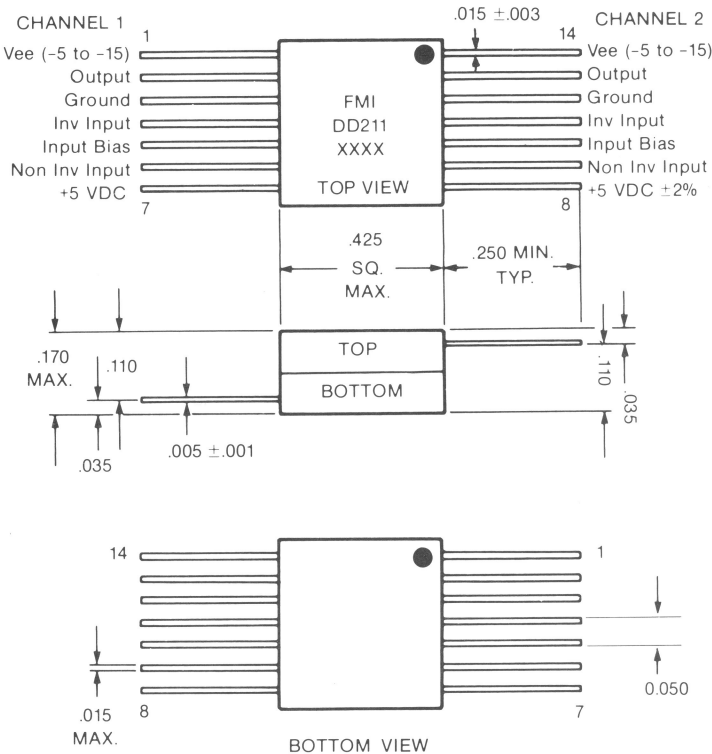


DD211
DD211B

Dual High Speed Drivers

A dual DD111 with current programming pins omitted. This driver is often used in SPDT applications by driving the inverting input of one channel and the noninverting input of the other channel from the same TTL input signal.

1. When using channel 1 inverting input pin 4, connect bias pin 5 to non-inverting input pin 6.
2. When using channel 2 inverting input pin 11, connect bias pin 10 to non-inverting input pin 9.
3. When using channel 1 non-inverting input pin 6, connect bias pin 5 to inverting input pin 4.
4. When using channel 2 non-inverting input pin 9, connect bias pin 10 to inverting input pin 11.
5. The two drivers are identical except for quiescent positive output current which is nominally 15 mA for DD211 and 30 mA for DD211B.
6. When driving anode-grounded diodes, care must be exercised to avoid excessive power dissipation. V_{ee} should be limited to -10 volts at which point the negative output current will be approximately -10 mA. Consult factory for design assistance.



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