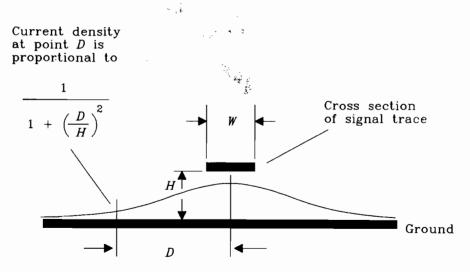
where  $I_0$  = total signal current, A H = height of trace above circuit board, in. D = perpendicular distance from signal trace, in. i(D) = signal current density, A/in.



**Figure 5.3** Distribution of high-frequency current density underneath a signal trace.