

TABLE 4 SELECTED POINTS ON
HIGHPASS-TRANSFER FUNCTION

Gain	Condition
$H(s)_{HP}=0$	$s/2\pi f_0=0$
$H(s)_{HP}\approx h_{LP}/100^2$	$s/2\pi f_0=1/100$
$H(s)_{HP}\approx h_{LP}/10^2$	$s/2\pi f_0=1/10$
$H(s)_{HP}=h_{LP}/d$	$s/2\pi f_0=1$
$H(s)_{HP}\approx h_{HP}$	$s/2\pi f_0=10$
$H(s)_{HP}\approx h_{LP}$	$s/2\pi f_0=100$