

HCL-4-9005 / 9006 160 MHz LOG AMPLIFIERS

TECHNICAL FEATURE

PERFORMANCE

Center Frequency.....	160 MHz
Operating Bandwidth.....	40 MHz
Dynamic Range.....	0 to -70 dBm
Log Linearity (1).....	
@25°C	±0.75 dB
Over Temperature	±1.0 dB
Sensitivity (Slope)	
@25°C	25 mV/dB
Over Temperature	±5% max
Rise Time (10-90%)	30 nS max
Fall Time (90-10%).....	120 nS max
Tangential Sensitivity.....	-80 dBm max
VSWR	
Input	1.5:1 max
Output	2.0:1 max
Limited IF Output.....	0 ±2 dBm
DC Power	+15 VDC @ 85 mA max
.....	-15 VDC @ 160 mA max
Operating Temperature Range.....	-54° to +85° C

MECHANICAL OUTLINE

