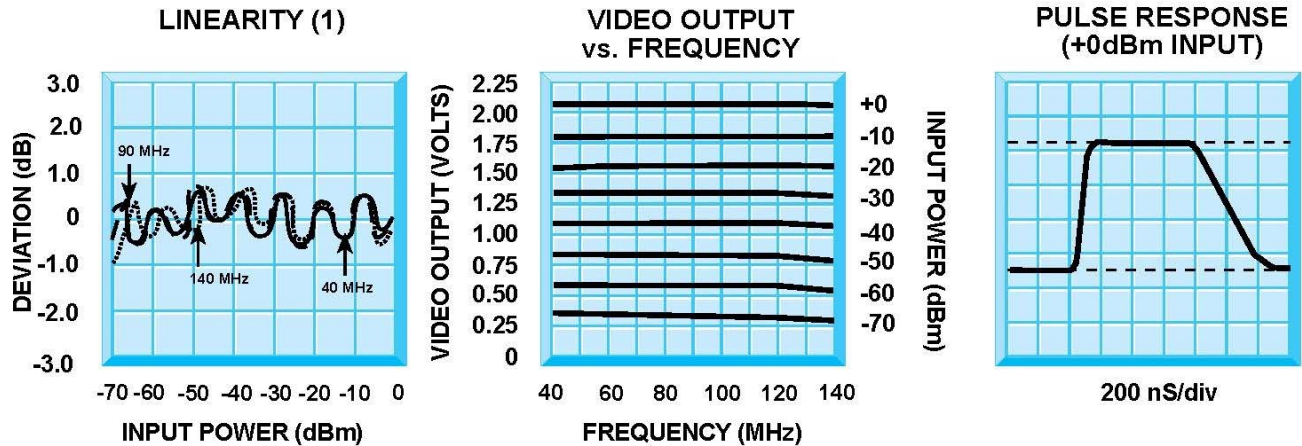




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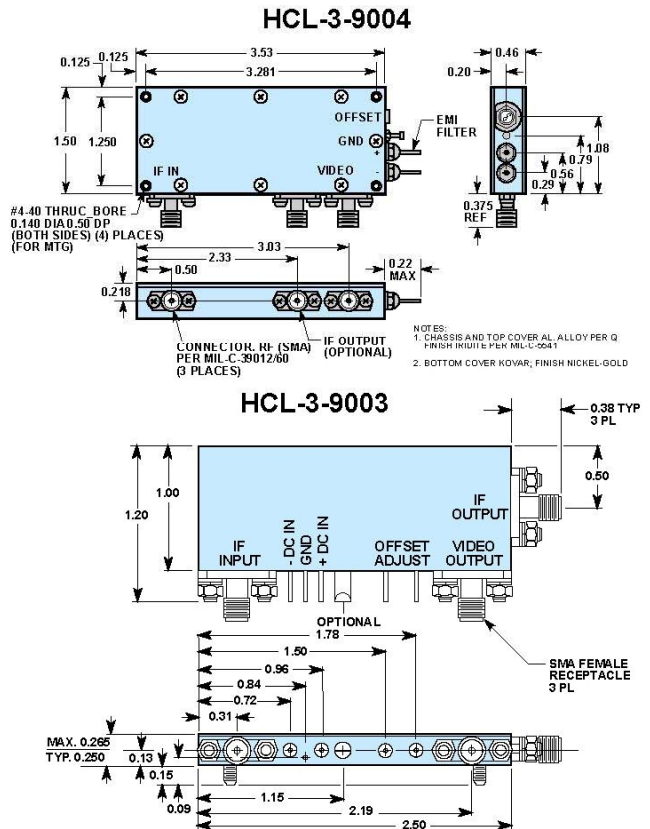
40 to 140 MHz Wideband Log Amplifiers



Guaranteed Specifications (-54° to +85°C)

Frequency Range	40 to 140 MHz
Dynamic Range	0 to -70 dBm
Log Linearity(1)	
@ 25 °C	±0.75 dB
Over Temperature	±1 dB
Sensitivity (Slope)	
@ 25 °C	25 mV/dB
Over Temperature	±5% Max.
Rise Time (10-90%)	70 nS Max.
Fall Time (90-10%)	600 nS Max.
Tangential Sensitivity	-78 dBm Max.
Voltage Output Range (nominal)	0.2 to 2.0 V
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.

Mechanical Outline



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