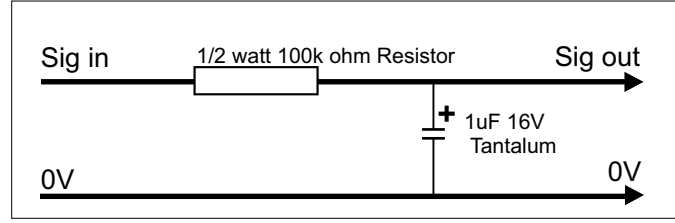


**Filter Schematic (One per Axis)**



**Mounting Orientation**

Force Polarity	
Lateral G	Positive G=Force Right (Left Turn)
Longitudinal G	Positive G=Force Back (Acceleration)
Vertical G	Positive G=Force Down (Gravity)

**ADL Setup**

**Channel Assignments**  
Assign the G force Channels to the appropriate pins

**Sensor Calibration**  
Set "Zero value" to 1250 mV  
Set "Scale Factor" to 100 mV  
Set "Measurement Method" to Absolute Voltage  
If a calibration sheet is supplied with the sensor, then enter the values on the sheet.

**G sensor Zero**  
Zero the sensor with the vehicle on level ground

**ECU Setup**

**Channel Assignments**  
Assign the G force Channels to the appropriate pins

**Sensor Calibration** = - 34

**Sensor Calibration Table**  
Hold sensor on a flat surface and lock in 0 G value, rotate the sensor 90 deg to read +1 G (AD counts higher than at 0 G) lock in the value. Rotate sensor 180 deg, lock in -1 G value. Draw a straight line through the points across the graph for the other G Force values.Repeat for the other axes

**G sensor Zero**  
Zero the sensor with the vehicle on level ground



<b>Title 10G Three Axis G Force Sensor (AD)</b>				Sheet No	Drawing No
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