

# M6

## Dual Accelerometer



- Built-in damping and over range stops
- Safe over range limits
- Force up to 2000 G's without damage to sensor
- Temperature compensated for accurate response over entire temperature range
- High slew rate operational amplifiers (1.2 V/microsecond)
- Internal RF shielding on each pin



## M6 General Specifications:

Operating voltage	15 - 30 VDC
Operating temperature	-50°C to +85°C
Sensitivity	25mV/G ( $\pm 1.0\%$ typical)
Damping factor	0.7 (typical)
Zero acceleration output	10VDC (typical)
Frequency response	0 to 2300 Hz
Linearity	$\pm 1.0\%$ (max)
Dimensions	102x108x51mm (4.0x4.25x2.0")
Weight	0.725 kg (1.6 lbs)

### Interface Connector:

Connector type - MS3102E14S-2P  
Pin A - Loop Accelerometer Active  
Pin B - Return (Common)  
Pin C - Sim Accelerometer Active  
Pin D - Power (Typically +30 VDC)

### Mounting dimensions (in inches)

