

# Murata SCA3400

## High Performance 3-axis (XYZ) Accelerometer



### Applications

- Structural Health Monitoring (SHM)
- Leveling & Platform Stabilization
- Tilt sensing
- Inertial Measurement Units (IMUs)
- Machine Control
- Positioning and guidance systems
- Construction tools and systems

### Performance

- Ultra-low noise density  $20 \mu\text{g}/\sqrt{\text{Hz}}$
- Typical offset drift over lifetime  $\leq 0.5\text{mg}$  (X,Y)  $\leq 2\text{mg}$  (Z)
- Typical sensitivity drift over lifetime  $\pm 0.02\% \text{ (X,Y)} \pm 0.2\% \text{ (Z)}$
- Temperature range  $-40\dots+85^\circ\text{C}$

