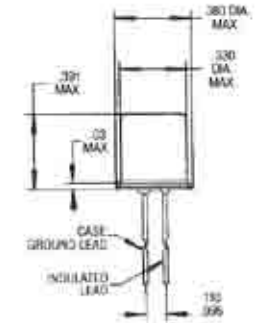
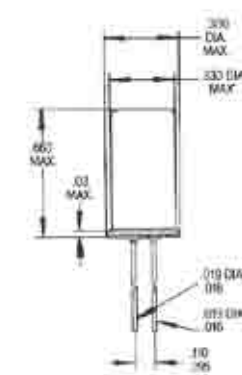
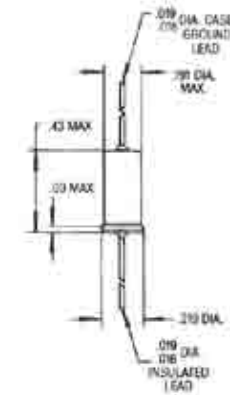
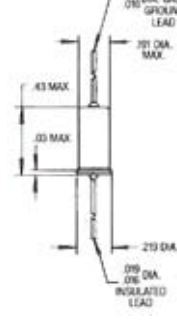
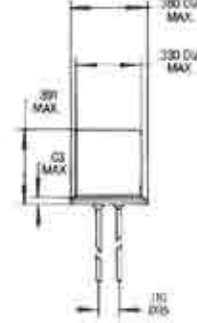
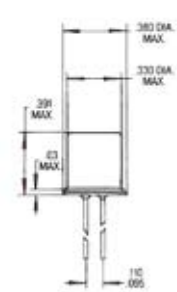
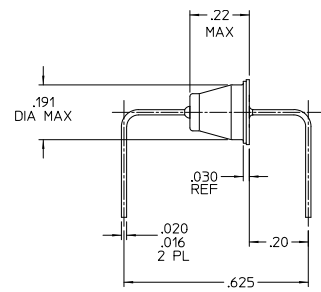


TYPICAL MOTION SWITCH CHARACTERISTICS

TYPICAL ACCELERATION SWITCH CHARACTERISTICS



STYLE:	TO-18	TO-5	TO-18	TO-18 Extended		To-18 (Extended) With Formed Leads	TO-18 Hemispherical Linear Latching Contacts	TO-5 (Extended)	TO-5 Linear Latching Contacts
TYPE:	Impact Hemispherically Sensitive 25g to 250g	Tilt, Motion	Motion, Turnover	Turnover		Linear Acceleration Linear Latching Contacts 1.0g to 2,000g	Linear Acceleration Planar Acceleration 2g to 4,000g Open 2g to 16,000g Closed	Linear Acceleration 0.3g to 100g	Linear Latching Contacts Linear Acceleration
FEATURES:	Normally Open Contacts	Normally Open Normally Closed	Normally Open Normally Closed	Normally Open Normally Closed		Normally Open Normally Closed Single Pole Single Throw	Normally Open Normally Closed Single Pole Single Throw	Normally Open Normally Closed Single Pole, Single Throw High Contact Rating Version Low Contact Resistance Latching Version Available Low Contact Bounce Design Available	Normally Open Normally Closed Single Pole, Single Throw High Contact Rating Version Low Contact Resistance Latching Version Available Low Contact Bounce Design Available
CONTACT RATING:	200MA Continuous	10 mA to 1.0A	50 mA to 500 mA (Other Values Available)	50 mA to 500 mA (Other Values Available)		10mA to 1.0A (Other Values Available)	10mA to 1.0A (Other values available)	10mA to 1.0A (Other Values Available)	10mA to 1.0A (Other Values Available)
CONTACT RESISTANCE:	10 ohm	10 ohm Typical (Other Values Available)	10 ohm Typical (Other Values Available)	10 ohm Typical (Other Values Available)		10 ohm Standard (Other Values Available)	10 ohm Standard (Other Values Available)	10 ohm Standard (Other Values Available)	10 ohm Standard (Other Values Available)
SEAL:	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm		Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm
OPTIONS:	Axial Leads, Straight or Formed	Axial or Coplanar Leads Straight or Formed Tilt Angle 6° - 75°	Axial or Coplanar Leads Straight or Formed	Axial or Coplanar Leads Straight or Formed		Axial or Coplanar Leads Straight or Formed	Axial or Coplanar Leads Straight or Formed	Axial or Coplanar Leads Straight or Formed	Axial or Coplanar Leads Straight or Formed



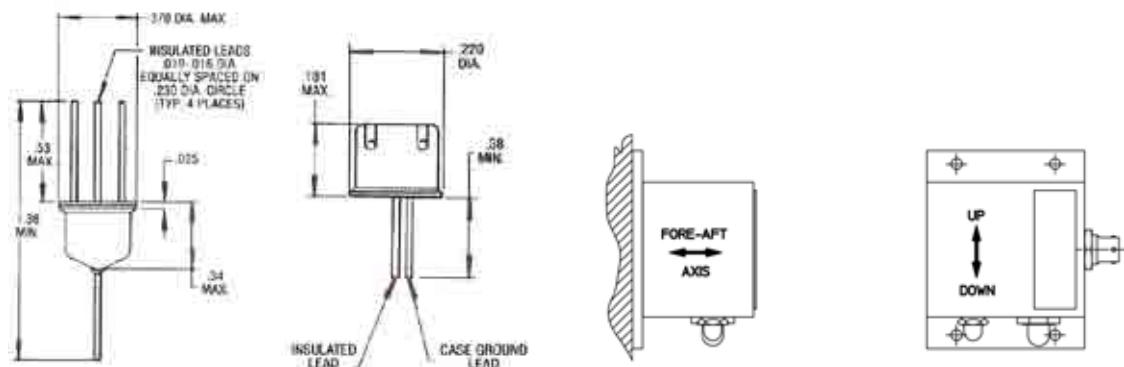
CIRCOR Aerospace, Inc./Aerodyne Controls' Motion Switch family are specification qualified, hermetically sealed, as light as 0.5 grams and designed for use in applications where reliability, weight and size are critical.

Call for application engineering assistance for specific Motion Switch Requirements.

Sensitivities from fractions of a g to thousands of g's are available for the following applications in damped and undamped, momentary latching and latching - resettable, N/O and N/C configurations:
 Acceleration • Impact • Spin • Latching • Linear • Planar
 Hemispherically • Negative G • G-Time Product
 ELT • Velocity • Tilt • Turnover • Trembler • Disturbance



TYPICAL DISTURBANCE SWITCH CHARACTERISTICS



STYLE:	TO-5 ("Coned")	TO-18 ("Dimpled")	895 & 6895 Family of Switches for Cockpit Voice Recorders Lightweight Enclosure
TYPE:	Tilt	Motion	Impact 1.5g to 5.0g 2 to 3 Axis Sensing
FEATURES:	Normally Open	Normally Open	Power Cut Off Upon Impact Normally Closed Normally Open Latching Relay
CONTACT RATING:	50 mA to 500 mA (Other Values Available)	50 mA (Other Values Available)	28VDC and 110VAC Resistive Load: 5amp @ 28VDC 5amp @ 110VAC
CONTACT RESISTANCE:	10 ohm Typical (Other Values Available)	10 ohm Typical (Other Values Available)	
SEAL:	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	Hermetic 1X10 ⁻⁶ sccs max. He @ 1 atm	895 Dust Sealed 6895 Environmentally Sealed
OPTIONS:	Tilt Angle 20° - 60°	More or Less sensitivity by request	MIL-STD Connector Various Mounting Configurations Available

KINETIC SWITCHES



**MOTION • MINIATURE
ACCELERATION • CRASH
IMPACT • TILT • SPIN
LAUNCH • DISTURBANCE**



**CIRCOR
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Technology Takes Flight

**DEFENSE • AIRCRAFT • INDUSTRIAL
CUSTOM SOLUTIONS AVAILABLE**

QUALITY CERTIFICATIONS

- ISO 9001:2000
- AS9100:B
- NASA NHB5300.4
- FAR 21.303 (h)
- ANSI Z540.1
- ISO 10012
- FED-STD-209
- Boeing D6-82479

Aerodyne
CONTROLS

30 Haynes Court
Ronkonkoma, New York 11779
United States
Tel +1 (631) 737-1900
Fax +1 (631) 737-1912
sales@circoraerospace.com
www.circoraerospace.com

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