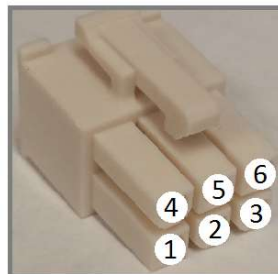
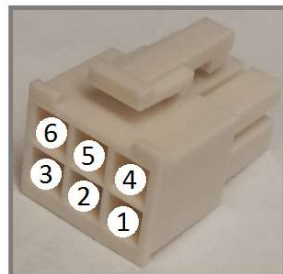
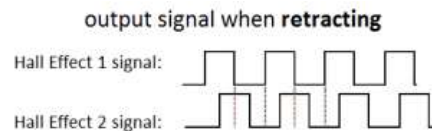
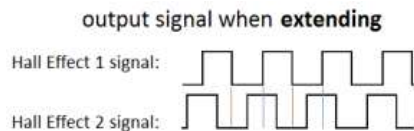


## 6 Pin Hall Effect Actuator Connector

### Pin Function



PIN	FUNCTION	TYPICAL COLOR CODE
1	Hall Effect 2 – signal leads when extending	White
2	Hall Effect GND	Black
3	Hall Effect 5V	Red
4	Motor Negative – retracts actuator when positive voltage is applied	*may vary*
5	Motor Positive – extends actuator when positive voltage is applied	*may vary*
6	Hall Effect 1 – signal leads when retracting	Yellow



### Connector Components

Component	Actuator Model	Part Name	Part Number	Mating Part
Housing	All Actuators	Molex Mini-Fit Jr. 6-Pin Receptacle	39-01-2065	39-01-3069 / 39-01-2066
Hall Effect Terminal	All Actuators	Molex Mini-Fit Jr. Female Terminal 18-24 AWG	39-00-0038	39-00-0040
Motor Terminal	PA-03, 04, 08, 09, 11, 14, 15, 18	Molex Mini-Fit Jr. Female Terminal 18-24 AWG	39-00-0038	39-00-0040
Motor Terminal	PA-17	Molex Mini-Fit Jr. Female Terminal 16 AWG	39-00-0077	39-00-0081