

Series 39-8

SURFACE MOUNT / SOLID-STATE MINIATURE

The unique approach to SS/SMT switching allows the customer to process a Hall-effect chip and LED (optional) to their board. Then simply snap the ITW Switches Series 39-8 actuator in place. This can be done manually or robotically completing a totally process compatible switching system.

APPLICATIONS

- Control panel assemblies
- Recording equipment
- Datacom switching systems
- Telecom switching systems
- Scientific instrumentation
- Computers

KEY FEATURES:

- Solid-State (Hall-effect) switching
- No mechanical contacts
- Momentary or maintained action
- Lighted (Surface Mount LED) or non-lighted
- Key caps available
- Lower overall installed cost
- RoHS process compatibility



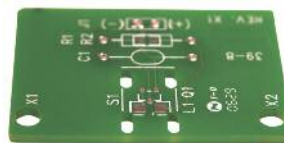
ACTUAL SIZE

ORDERING INFORMATION:

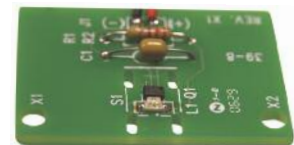
Switches

Part Number	Action	Polarity
39-82N	Momentary	North
39-82S	Momentary	South
39-83N	Maintained	North
39-83S	Maintained	South

①—Customer Designed PCB



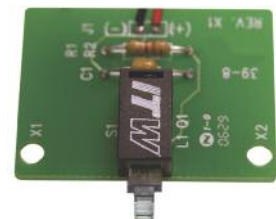
②—Customer Loaded PCB



③—ITW Series 39-8 SS/SMT Pushbutton Switch



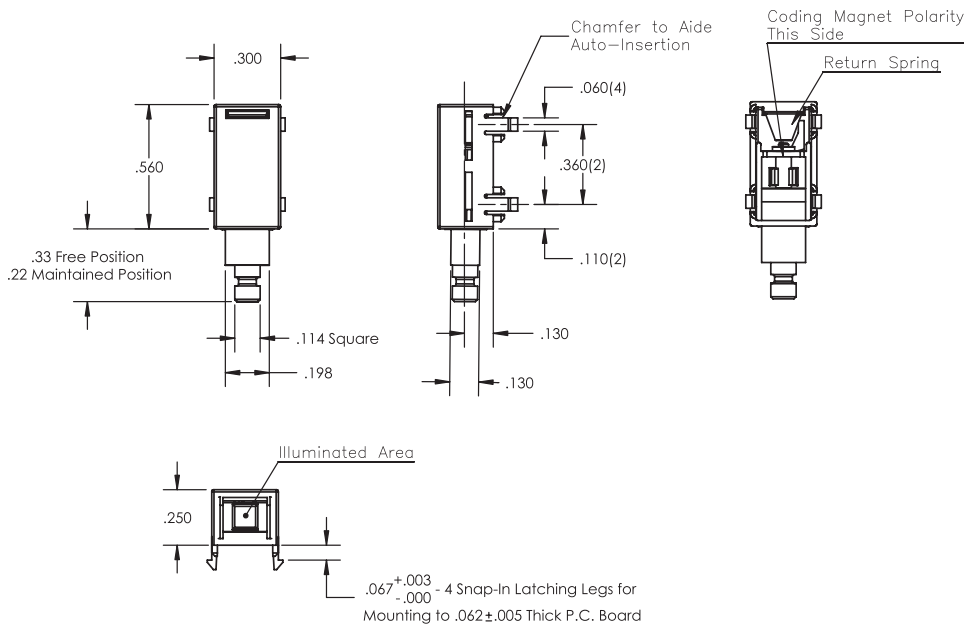
④—Complete Assembly



STANDARDS / AGENCY / RATINGS:



39-8XX



MECHANICAL / ELECTRICAL CHARACTERISTICS:

Action:

SPST-NO

Button travel:

3.05 mm (0.13 in) nominal

Operating Force:

113 grams nominal

Electrical life:

Momentary: 1 million cycles

Maintained: 25,000 cycles

Electrical rating:

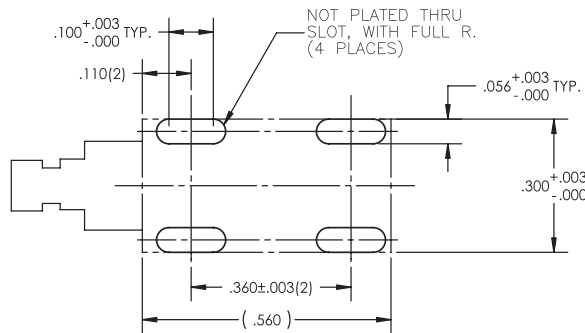
5VDC, 5mA typical

(when used with

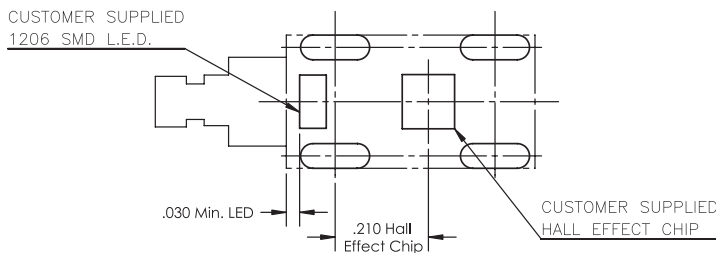
Allegro Hall Effect

P/N A3280ELHLT,

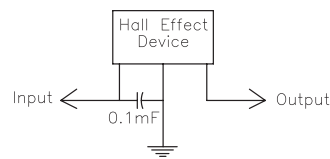
customer supplied)



RECOMMENDED P.C. BOARD MOUNTING HOLE PATTERN (VIEWED FROM COMPONENT SIDE)



RECOMMENDED PLACEMENT OF L.E.D. AND HALL EFFECT CHIP (VIEWED FROM COMPONENT SIDE)



Suggested Circuitry