Series 39

0.25 AMP MINIATURE LED LIGHTED

This highly reliable low cost pushbutton features bifurcated contacts that have wiping, self-cleaning action. The PC terminals allow for vertical mounting, while an optional connector allows for right angle mounting.



APPLICATIONS:

- Control panel assemblies
- Recording equipment
- Telecom switching systems
- Scientific instrumentation
- Telecom test gear

KEY FEATURES:

- Momentary or maintained action
- Lighted (T-1 LED) or non-lighted
- Variety of button and keycap styles
- Wave solderable
- Bifurcated silver contacts



ACTUAL SIZE

ORDERING INFORMATION:

Switches

Part Number	Lighted	LED Color	Button Color	Button Style	Action
39-12101	Yes*	—	Clear	Button	Momentary
39-12111	Yes*	—	Red	Button	Momentary
39-12113	Yes*	—	Yellow	Button	Momentary
39-12114	Yes*	—	Smoke Grey	Button	Momentary
39-12502	No	—	White	Button	Momentary
39-12503	No	—	Red	Button	Momentary
39-12509	No	—	Black	Button	Momentary
39-12601	Yes	Red	Clear	Button	Momentary
39-12712	Yes	Green	Green	Button	Momentary
39-13101	Yes*	—	Clear	Button	Maintained
39-13113	Yes*	—	Yellow	Button	Maintained
39-22100	Yes*	—	—	Keycap	Momentary
39-22500	No	—	—	Keycap	Momentary
39-23100	Yes*	—	—	Keycap	Maintained
39-23500	No	—	—	Keycap	Maintained

* LED not included; LED support 80-390003 supplied in bulk.

Button/Keycap Colors

Part Number	Lighted	Color	Cap Size
80-390101	Yes*	White	Large
80-390102	Yes*	Light Grey	Large
80-390103	Yes*	Dark Grey	Large

* Requires light pipe 80-390100 (order separately)

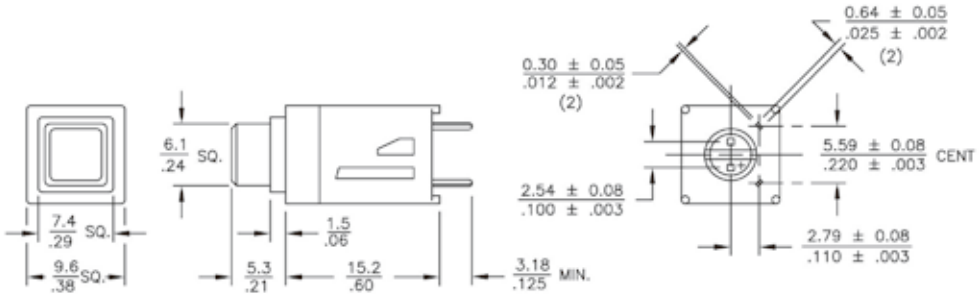
STANDARDS / AGENCY / RATINGS:

RoHS COMPLIANT 2002 / 95 / EC

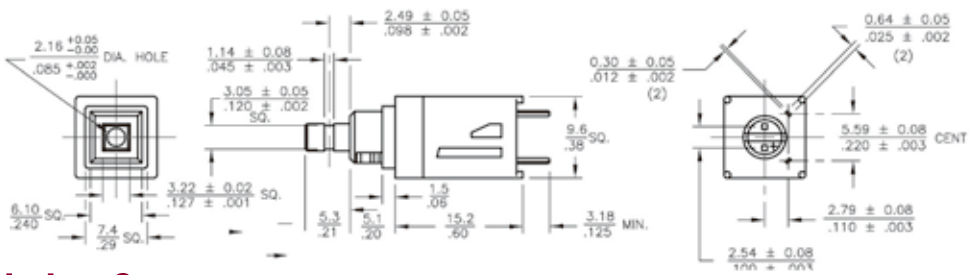
Contact an Authorized Distributor or Factory for Pricing

SERIES 39: 0.25 AMP MINIATURE LED LIGHTED

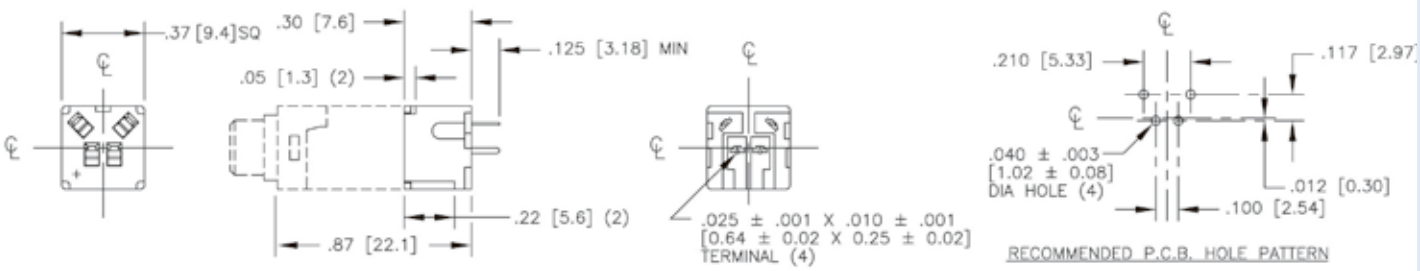
STANDARD BUTTON STYLE



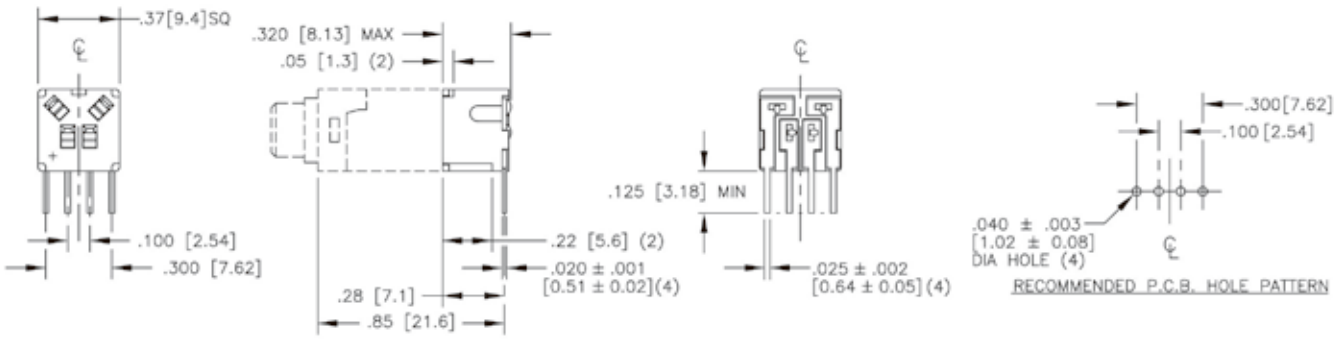
KEYCAP BUTTON STYLE



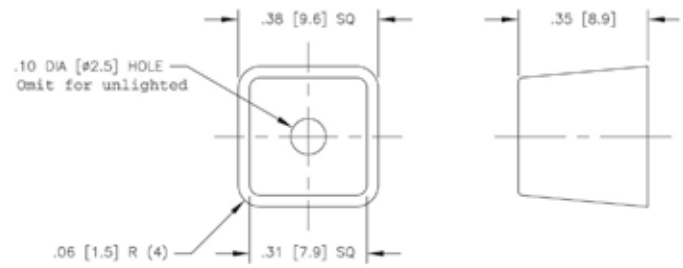
IN-LINE CONNECTOR



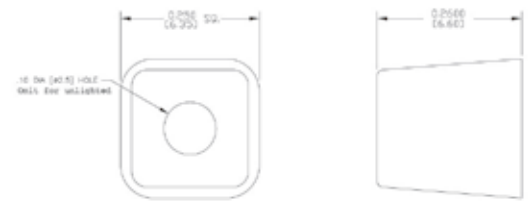
RIGHT ANGLE CONNECTOR



LARGE LIGHTED & UNLIGHTED KEYCAP



SMALL LIGHTED & UNLIGHTED KEYCAP



MECHANICAL / ELECTRICAL CHARACTERISTICS:

Action:
SPST-NO-DB (Form X)

Button travel:
3.05 mm (.120 in) nominal

Operating Force:
113 grams nominal

Contact Resistance:
Initial: 25 mΩ max.
End of life: 50 mΩ max.

Contact bounce:
Initial: 1 millisecond max.
End of life 3 milliseconds max.

Electrical life:
Momentary: 1 million cycles
Maintained: 25,000 cycles

Electrical rating:
.25A @ 30 VDC res.

Designs and specifications are subject to change without notice due to product improvement.

ITW SWITCH LUMEX®

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