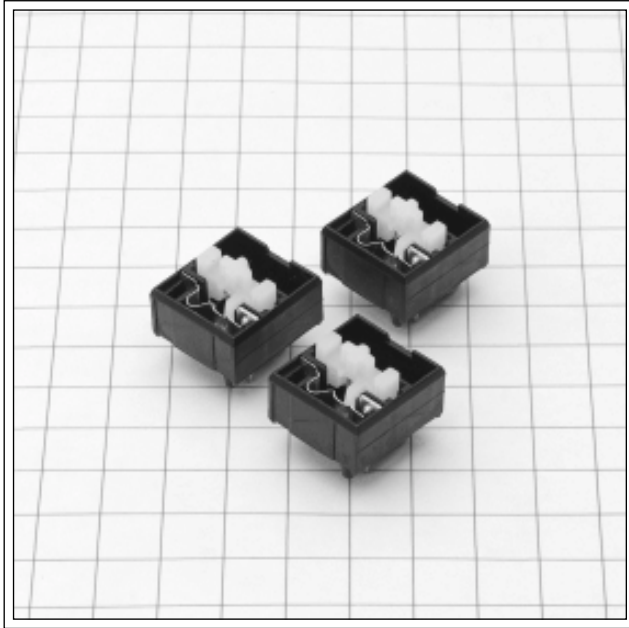


M81 Series

Keyswitch

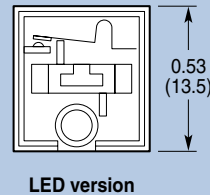
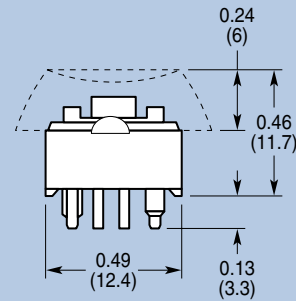
M81 Super Low Profile Din-Compatible



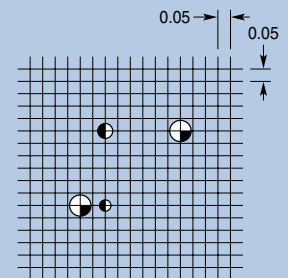
Specifications

Contact Rating	3W AC/DC
Voltage	28V AC/DC
Current	100 mA max
Life	>10 million
Initial Contact Resist.	200 m Ω max
Materials	
Plastics	Thermoplastic, UL rated
Contacts	AuAg 26N:3
Spring	Stainless Steel
Flammability Rating	UL94HB
Mounting	Printed circuit board (no cover plate)
Solderability	Wave solder per DIN 40046, Sheet 18
Environmental	
Operating Temp. Range	-10° to +70°C
Storage Temp. Range	-40° to +70°C
Relative Humidity	5% to 95%, non-condensing

Dimensions: Inches (mm)



Circuit Board Layout



Single-pole keymodule

- Ø0.035 +0.004
- Ø0.047 +0.006
- Ø0.067 -0.002

Mechanical Motion

Operating Force	2.5 oz. typical
Pretravel	0.063" $\pm$ 0.024"
Total Travel	0.100" Nom
Feel	Linear-positive stop Tactile is optional

Ordering Information

Part Number	Description
M81A-0100	Standard force, uncovered, very low profile
M81A-01R0	Standard force, uncovered, red LED, very low profile
M81E-0500	Standard force, with cover
M81E-05R0	Standard force, with cover, red LED
M81G-0100	Higher force, uncovered, very low profile
M81H-0500	Higher force with cover