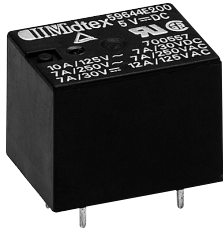


TYPE 596



FEATURES:

- Low profile.
- Class B type insulation system.
- UL, CSA, TUV approved.
- Epoxy seal available.
- TV-5 rating available.
- Contact rating 12A@125 VAC
- PCB mounting.



CONTACT RATING

Type	General	
	SPST, NO	SPST, NC & SPDT
Resistive Load	12A/125 VAC, 7A/250 VAC, 7A/30 VDC	12A/125 VAC, 7A/250 VAC, 7A/30 VDC
TV Load	TV-5	

COIL DATA

Rated Voltage (V)	Rated Current (mA) ±10% 25 °C	Coil Resistance (mA) ±10% at 25 °C (Ω)	Max. Continuous Voltage at 25°C	Pickup Voltage at 25°C	Dropout Voltage at 25°C	Power Consumption at Rated Voltage
3	120.0	25	110% of rated voltage	75% of rated voltage	10% of rated voltage	Approx. 0.36 W
5	73.0	69				
6	60.0	100				
9	40.0	225				
12	30.0	400				
24	15.0	1600				
48	7.5	6400				

PART NUMBERING SYSTEM

Relay Type	Enclosure & Terminals	Contact Arr.	Coil Voltage	Contacts	Standard or Special
596	3-Flux Tight 4-Epoxy Sealed	1-SPDT 4-SPST, NO 5-SPST, NC	I-3VDC E-5VDC A-6VDC G-9VDC B-12VDC C-24VDC D-48VDC	2-Standard, Ag SnO	00-Standard H0-Class B A1-Z9 Special

Example: 596-31A200

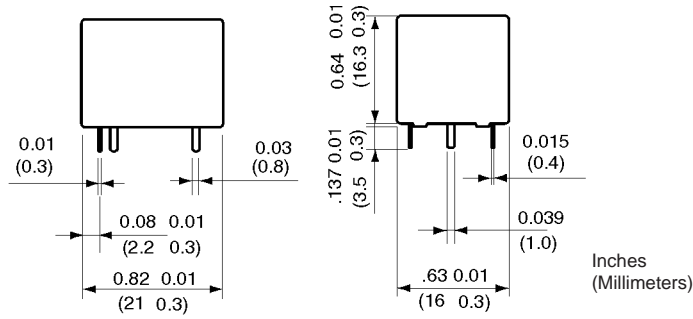
Stock items: 596-41B200, 596-41C200, 596-41E200, 596-44B200, 596-44C200, 596-44E200

SPECIFICATIONS

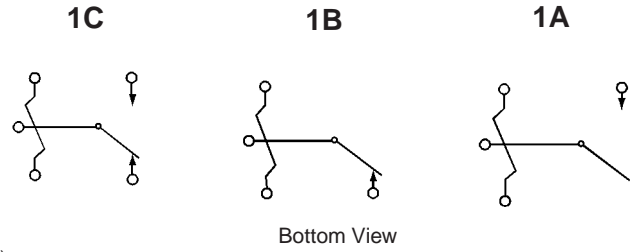
Contact resistance	50 m Max. (initial value)
Operate time	15 mS Max.
Release time	5 mS Max.
Insulation resistance	100 M Min. (DC 500V)
Dielectric strength	Between open contact: AC 500 V 50/60Hz 1 minute. Between contact and coil: AC 1500V 50/60Hz 1 minute.
Vibration resistance	Damage Limits & Operating Extremes :10~50Hz, Amplitude 1.0 mm
Shock resistance	Operating Extremes: 10g Damage limits:100g
Life expectancy	Mechanical Life: 10,000,000 operations (Frequency 18,000 operations/hr) Electrical Life: 100,000 operations (Frequency 1,200 operations/hr)
Operating temperature	55°C 65°C 50°C 55°C
Weight	Approx. 10g

TYPE 596

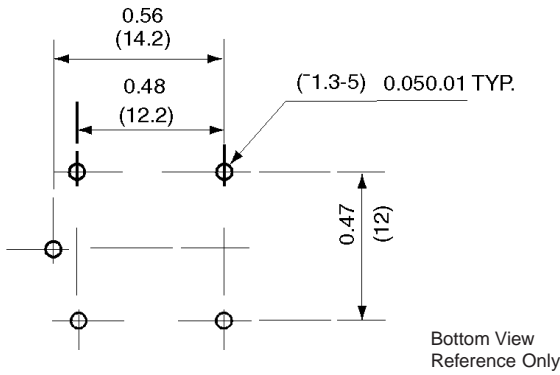
DIMENSIONS



WIRING



PCB LAYOUT



SAFETY APPROVAL

CERTIFIED	FILE NO.
UL	E38802
CSA	LR700557
TUV	9452021

CURVES

