DUAL IN - LINE PACKAGE REED RELAY

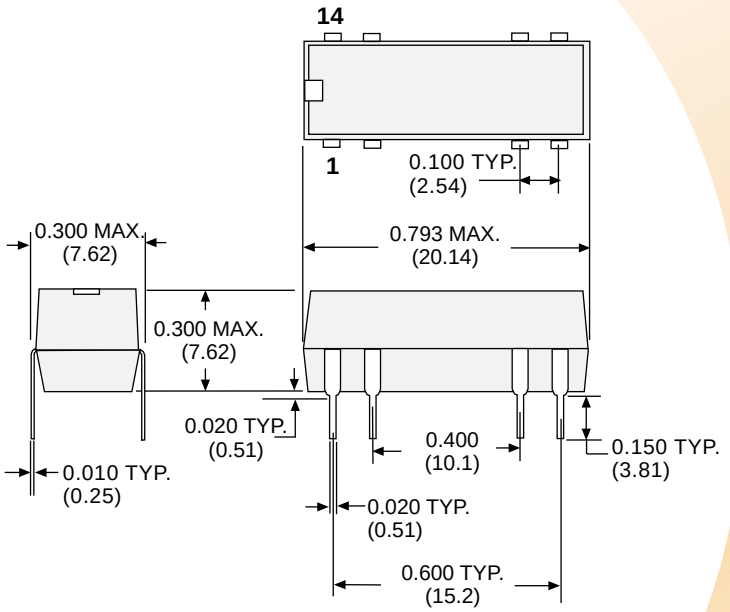
SPDT, 0.25 AMP

GENERAL SPECIFICATIONS

COIL	
Pull-in Voltage:	85% of nominal voltage or less
Drop Out Voltage:	10% of nominal voltage or more
Max. Voltage:	110% of nominal voltage
Resistance:	±10% measured @ 25˚C
Coil Power:	See chart
Duty:	Continuous
CONTACTS	
Contact Material:	Rhodium
Contact Resistance:	200 milliohms max
Contact Rating:	0.25 amp 100 VDC (4 VA)
	0.5 amps max continuous carry current
TIMING	
Operate time:	1 mS or less @ nominal voltage
Release time:	1 mS or less @ nominal Voltage
DIELECTRIC STRENGTH	
Across Open Contacts:	1000 V rms
Between Mutually	
Insulation Points:	500 V rms
Insulation Resistance:	1000 megohms min. @ 100 VDC
Capacitance:	1.0 pf typical coil to contact
TEMPERATURE	
Operating:	-40˚C to +85˚C @ rated operation
Storage:	-40˚C to +105˚C
SHOCK RESISTANCE	
Operating:	50 g's
VIBRATION RESISTANCE	
Operating:	20 g's, 40 Hz to 200 Hz
LIFE EXPECTANCY	
Electrical:	50,000,000 operations
	@ 50V/50mA
Mechanical:	80,000,000 operations low level 10V/10mA
MISCELLANEOUS	
Operating Position:	Any
Enclosure:	Epoxy molded
Weight:	1 gram approx.

OUTLINE DIMENSIONS

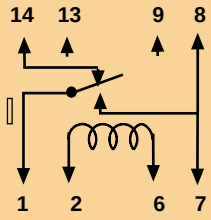
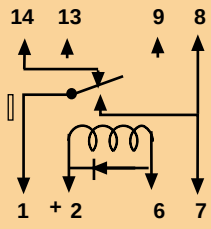
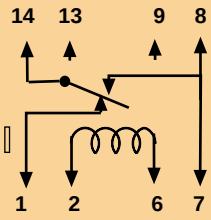
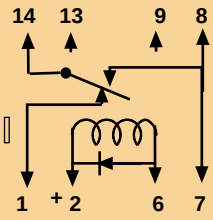
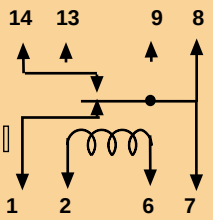
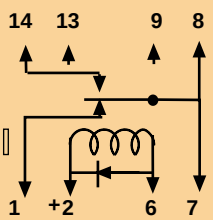
DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).



WHEN SPACING DIP RELAYS, THE RELAYS REQUIRE 1/2 INCH SPACING FROM THE SIDE OF THE ADJACENT RELAYS.

DUAL IN - LINE PACKAGE REED RELAY

SPDT, 0.25 AMP

WIRING DIAGRAMS (TOP VIEWED)	STANDARD PART NUMBERS	COIL MEASURED @ 25°C		
		NOMINAL INPUT VOLTAGE	NOMINAL RESISTANCE (OHMS)	NOMINAL POWER (mW)
SPDT				
	W172DIP-1	5	200 Ω	125
	W172DIP-3	12	500 Ω	300
	W172DIP-4	24	2200 Ω	270
SPDT WITH CLAMPING DIDODE				
	W172DIP-5	5	200 Ω	125
	W172DIP-7	12	500 Ω	300
	W172DIP-8	24	2200 Ω	270
SPDT				
	W172DIP-31	5	200 Ω	125
	W172DIP-33	12	500 Ω	290
	W172DIP-34	24	2200 Ω	270
SPDT WITH CLAMPING DIDODE				
	W172DIP-35	5	200 Ω	125
	W172DIP-37	12	500 Ω	290
	W172DIP-38	24	2200 Ω	270
SPDT				
	W172DIP-141	5	200 Ω	125
	W172DIP-145	12	1000 Ω	144
	W172DIP-146	24	3200 Ω	180
SPDT WITH CLAMPING DIDODE				
	W172DIP-147	5	200 Ω	125
	W172DIP-149	12	1000 Ω	144
	W172DIP-150	24	3200 Ω	180

SEE END OF SECTION 6 FOR CROSS REFERENCE