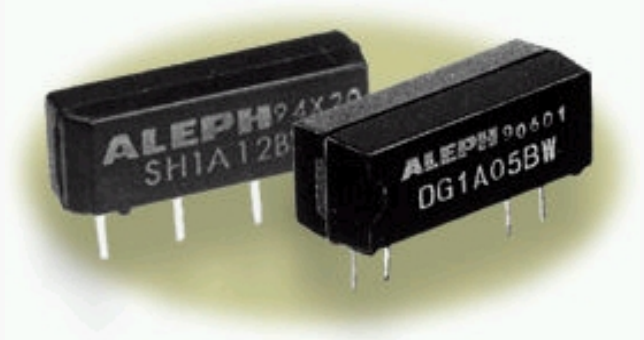
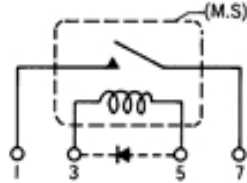
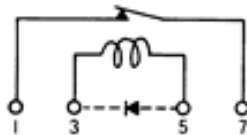
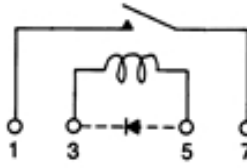


SIP/DG Series

- Ultra miniature size industry standard footprint (SH series)
- Miniature size Industry standard package (DG series)
- Optional shielding and diodes (DG, SH series)
- UL models available



Coil Ratings

Part Number	Nominal Voltage (VDC)	Coil Resistance (ohms) ± 10%	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
DG1A**BW(D)	5 12 24	500 850 2200	3.8 9.0 18.0	0.5 1.0 2.0	
DG1B**BW(D)	5 12 24	500 500 1750	3.8 9.0 18.0	0.5 1.0 2.0	
SH1A**BW(D)	5 12 24	500 1000 1400	3.8 9.0 18.0	0.5 1.0 2.0	

TAMB. = +20°C
(E.S.S.) : Electrostatic Shield

Contact Ratings

Parameters		DG1A**BW	DG1B**BW	SH1A**BW(D)
Power (W) max.		10		
Voltage (VDC) max.		200		
Switching Current (A) max.		0.5		
Carry Current (A) max.		1.0		
Contact Resistance (ohms) max. (initial)		0.15	0.20	0.15
Breakdown Voltage (VDC) min.	Open Contact	250		
	Contact to Coil	1500		
Insulation Resistance (ohms) min.	Open Contact	10 ¹⁰		
	Contact to Coil	10 ¹⁰		
Operate Time (mS) max (incl. bounce)		1.0		
Release Time (mS) max.		0.5		
Electrical Life	Low Level	10 ⁸ (10mVDC, 10 μ A)		
	Rated Load	6 X 10 ⁵ (20VDC, 0.5A)		10 ⁶ (20VDC, 0.5A)

(resistive loads)

Dimensions

SH Series	DG Series
