

## Small Size type (1c Reed Relay)

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Part number • Feature

HFS-1C-054W

W: Double guard coaxial-shield



Small size  
 High operating temperature +140

### Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1 c (transfer)
	Contact Rating	3 W
	Max. Switching Voltage	DC.30 V
	Max. Switching Current	0.1 A
	Max. Carry Current	0.5 A
	Contact Resistance	150m MAX. (Initial)
Electrical Specifications	Break Voltage	Between Contact DC.200V Contacts to coil DC.200V Contacts to shield DC.200V Coil to shield DC.200V
	Insulation Resistance	Between all isolated pins $1 \times 10^0$ MIN. (DC.100V)
	Capacitance	Across Open contacts 1.5pF Typ.(shield guarding) Contact to shield 4.0pF Typ.
	Thermal Electromotive Force	40 $\mu$ V Typ.
	Operate Time	(incl. bounce) 1.0mS MAX. (at Nominal Voltage)
	Release Time	(incl. bounce) 1.5mS MAX. (at Nominal Voltage)
Mechanical Specifications	Vibration	20 G (0 ~ 2KHz, 1.5mm)
	Shock	30 G (11mS, 1/2 Sin Wave)
Environment	Operating Temperature	-55 ~ +140
Life Expectancy	Mechanical	$5 \times 10^7$ MIN. Operations
	Electrical	

### Coil Specifications

Contact Form	Part Name	Nominal Voltage DC. $\pm 10\%$ (V)	Coil Resistance $\pm 10\%$ ( )at20	Nominal Current (mA)	Must-Operate Voltage MAX.(V)at20
1C	HFS-1C-054W	5	100	50.0	2.7

### Dimensions/Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
<p>Weight about 1.5g</p>	<p>9-10: COIL (R)                  1-8: CONTACT (N.C.)                  16-8: CONTACT (N.C.)                  2,7: GUARD (Electrostatic shield)</p>