

High Quality Reed Relay

Standard version

- No electrostatic shield-General use
- 1 electrostatic shield pin-High quality
- 2 electrostatic shield pin-High quality
- Signal switching IC CHECKER LS



CONTACT SPECIFICATIONS

Available coil options	5.12.24volt
Standard shielding	Electrostatic 5 pin relay
No shielding	Electrostatic 4 pin relay
Contact resistance.max	150m Ω
Rating Max.switching Power Max.switching voltage Breakdown voltage Max.switching Current Max.carrying Current	10W DC/peakAC 100 (VDC) min 250 0.5A 1.0A
Initial insulation resistance open contacts contacts and coil contacts and ground	Min 1,000 M Ω - 10,000 M Ω Min 1,000 M Ω - 10,000 M Ω Min 1,000 M Ω - 10,000 M Ω
Initial breakdown voltage open contacts contacts and coil contacts and ground	200VCD for 1min 500VCD for 1min 500VCD for 1min
Operating characteristics operating time (msec) release time (msec) bounce time (msec)	max. 0.5 max. 0.2 0.2
Operating temperature range	20° C to + 80° C
Life expectancy(operations)	10 ⁸

COIL DATA

MODEL	Nominal voltage V DC	Pick-up voltage V DC(max)	Drop-out voltage V DC(min)	Nominal current mA	Coil resistance Ω ($\pm 10\%$)	Max.allowable voltage V DC
ST105S	5	3.6	1.0	33.3	150	6.0
ST112S	12	9.6	2.4	20.0	600	14.4

DIMENSIONS DRAWING (mm)

