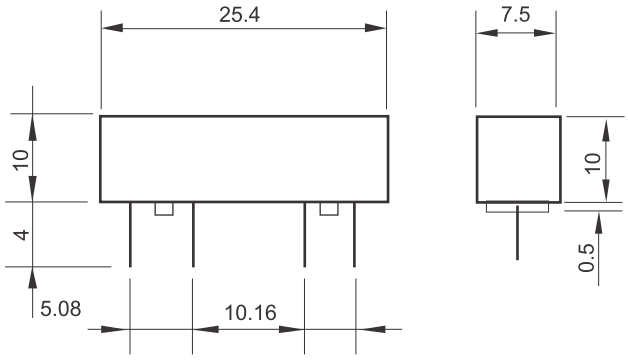
PARAMOUNT
EXPECT MORE...

PRR Relays

Reed Relays PCB Solderable type

The PRR Series Read Relays use deactivated Phodium contact Reed Switch for very high reliability. The totally sealed construction adds to the rigidity and environmental protection. The special material used in the construction meets and exceeds UL 94V-0 Flame retardability criteria.

Wiring Diagram



Application

1.Telecommnications
2.Electronic Exchanges
3.Data Processing
4.Computer Peripherals
5.Instrumentation
6.Remote Controllers
7.Security Systems

Contacts

Maximum AC Load	100 VA
Maximum DC Load	10 VA
Maximum Switching Current	0.5 VA
Maximum Carry Current	1.0 VA

Coils (Ohms ± 10% @ 20° C)

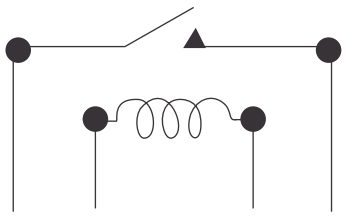
Pull in Voltage	≤0.75 x Un
Drop - out voltage	≥0.10 x Un

VDC	O
5	500
12	500
12.2	2000
24	2000
48	4000

Specifications

Operate Time Max.	0.5 ms
Release Time Max.	0.2 ms
Bounce Time Max.	0.5 ms
Contract Resistance Max. (Initial)	150ms
Life Expectancy	50 x 106 operations at signal level 3 x 106 at full rated load
Operating Temperature	-40°C to 85° C
Storage Temperature	-55°C to 105° C
Moisture Resistance	60° C-90% 240 Hrs
Vibration	20 G (10-2000 Hz)
Thermal Shock	- 55° C to 105° C
Terminal Strength	225g

Dimensions in mm.



Insulation

Insulation Resistance at 500 VDC Min.	10°µ
Break Down Voltage Across contacts	250VDC
Die-Electric Strength between Contacts & Coil	1000 VDC

Standard Types

DC : 5, 12, 12-2. 24, 48

5 VDC	**PRR -1-5**
12 VDC	**PRR -1-12**
12-2 VDC	**PRR -1-12-2**
24 VDC	**PRR -1-24**
48 VDC	**PRR -1-48**