

Reed Relay V23100 -V4 (Continued)

Insulation Data

Initial dielectric strength	
between open contacts	
DIP and SIL, 1 form A (NO), 2 form A (2 NO)	250VDC
DIP, 1 form C (CO)	200VDC
Mini SIL, 1 form A (NO)	225VDC
between contact and coil	1500VDC
Initial insulation resistance at 500 VDC	>10 ⁹ Ω
Capacitance	
between open contacts	max. 1pF
between contact and coil	max. 2pF
between adjacent contacts	max. 1pF

Other Data

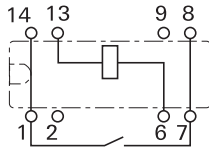
	form A	form C
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter		
Ambient temperature	-40 to +85°C	
Category of environmental protection	IEC 61810	
Vibration resistance (functional)	30g, 10 to 2000Hz	30g, 50 to 2000Hz
Shock resistance (functional), IEC 60068-2-27 (half sine), DIP and SIL 150g	50g	50g
	Mini SIL	-
Terminal type	PCB-THT	
Resistance to soldering heat THT	IEC 60068-2-20	
	260°C / 10s	

Terminal assignment

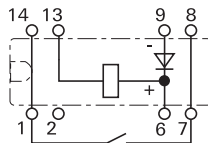
TOP view on component side of PCB

DIP, flat version

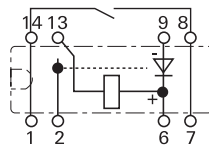
1 form A (NO)
standard
V23100-V4xxx-A000



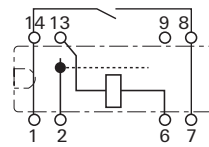
1 form A (NO)
with diode
V23100-V4xxx-A010



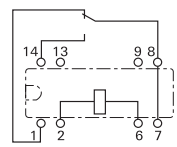
1 form A (NO)
with electrostatic shield + diode
V23100-V4xxx-A011



1 form A (NO)
with electrostatic shield
V23100-V4xxx-A001

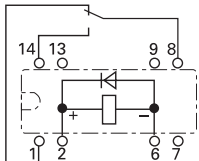


1 form C (CO)
standard
V23100-V4xxx-C000

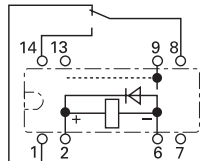


DIP, high version

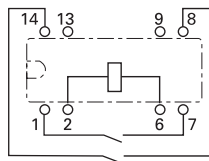
1 form C (CO)
with diode
V23100-V4xxx-C010



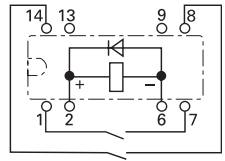
1 form C (CO)
with electrostatic shield + diode
V23100-V4xxx-C011



2 form A (NO)
standard
V23100-V43xx-B000

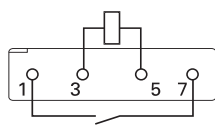


2 form A (NO)
with diode
V23100-V43xx-B010

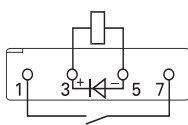


SIL version

1 form A (NO)
standard
V23100-V45xx-A000

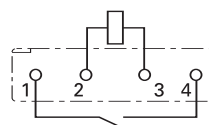


1 form A (NO)
with diode
V23100-V45xx-A010

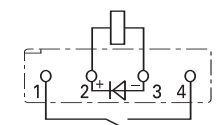


Mini SIL version

1 form A (NO)
standard
V23100-V46xx-A000



1 form A (NO)
with diode
V23100-V46xx-A010

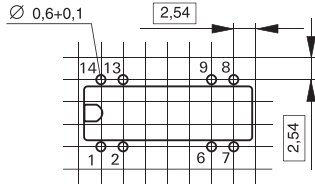


Reed Relay V23100 -V4 (Continued)

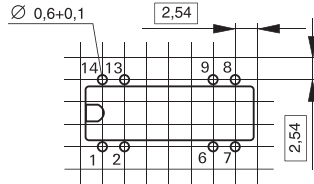
PCB layout

TOP view on component side of PCB

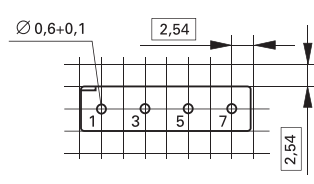
DIP, flat version



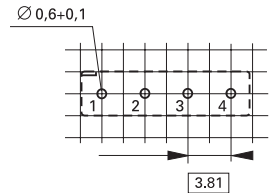
DIP, high version



SIL version

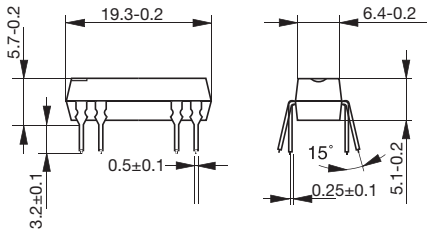


Mini SIL version

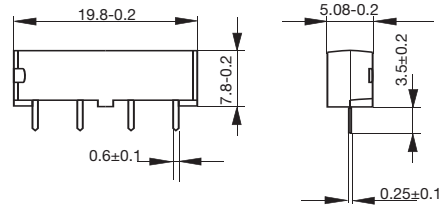


Dimensions

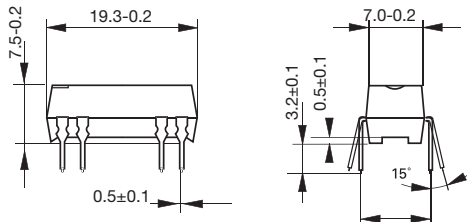
DIP, flat version



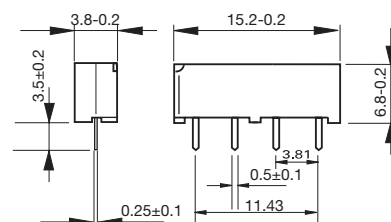
SIL version



DIP, high version



Mini SIL version



Product code structure

Typical product code

V23100-V4

0

05

A0

10

Type

V23100-V4 Reed Relay, V23100-V4 Series

Version

- 0** DIP flat, 1 form A (NO) contact or 1 form C (CO) contact without diode
- 3** DIP high, 2 form A (NO) or 1 form C (CO) contacts
- 5** SIL, 1 form A (NO) contact
- 6** Mini SIL, 1 form A (NO) contact

Coil

Coil code: please refer to coil versions table

- 05** 5VDC coil
- 12** 12VDC coil
- 15** 15VDC coil
- 24** 24VDC coil

Contact arrangement

- A0** 1 form A (NO) contact, DIP flat or SIL package
- B0** 2 form A (NO) contacts, DIP high package
- C0** 1 form C (CO) contact, DIP high package

Coil circuit

- 00** Standard
- 10** With diode
- 11** With diode and electrostatic shield

Reed Relay V23100 -V4 (Continued)

Product Code	Version	Coil	Arrangement	Diode/shield	Part number
V23100-V4005-A000	DIP flat	5VDC	1 form A (NO)	Standard	1393763-1
V23100-V4012-A000		12VDC			1393763-6
V23100-V4015-A000		15VDC			1-1393763-0
V23100-V4024-A000		24VDC		1-1393763-4	
V23100-V4005-A010		5VDC		Diode	1393763-4
V23100-V4012-A010		12VDC			1393763-8
V23100-V4015-A010		15VDC	1-1393763-2		
V23100-V4024-A010		24VDC		1-1393763-6	
V23100-V4305-C000		5VDC	1 form C (CO)	Standard	2-1393763-0
V23100-V4312-C000		12VDC			2-1393763-8
V23100-V4315-C000		15VDC			3-1393763-4
V23100-V4324-C000		24VDC			4-1393763-0
V23100-V4005-A011	DIP high	5VDC	1 form A (NO)	Diode and shield	1393763-3
V23100-V4012-A011		12VDC			1393763-9
V23100-V4015-A011		15VDC			1-1393763-3
V23100-V4024-A011		24VDC			1-1393763-7
V23100-V4305-B000		5VDC	2 form A (NO)	Standard	1-1393763-8
V23100-V4312-B000		12VDC			2-1393763-6
V23100-V4315-B000		15VDC			3-1393763-2
V23100-V4324-B000		24VDC		3-1393763-8	
V23100-V4305-B010		5VDC		Diode	1-1393763-9
V23100-V4312-B010		12VDC			2-1393763-7
V23100-V4315-B010		15VDC	3-1393763-3		
V23100-V4324-B010		24VDC		3-1393763-9	
V23100-V4305-C010	5VDC	1 form C (CO)		2-1393763-2	
V23100-V4312-C010	12VDC			3-1393763-0	
V23100-V4315-C010	15VDC			3-1393763-6	
V23100-V4324-C010	24VDC			4-1393763-2	
V23100-V4305-C011	5VDC			Diode and shield	2-1393763-3
V23100-V4312-C011	12VDC				3-1393763-1
V23100-V4315-C011	15VDC	3-1393763-7			
V23100-V4324-C011	24VDC		4-1393763-3		
V23100-V4505-A000	SIL	5VDC	1 form A (NO)	Standard	4-1393763-4
V23100-V4512-A000		12VDC			4-1393763-7
V23100-V4515-A000		15VDC			4-1393763-9
V23100-V4524-A000		24VDC		5-1393763-1	
V23100-V4505-A010		5VDC		Diode	4-1393763-5
V23100-V4512-A010		12VDC			4-1393763-8
V23100-V4515-A010	15VDC	5-1393763-0			
V23100-V4524-A010		24VDC		5-1393763-2	
V23100-V4605-A000	Mini SIL	5VDC		Standard	1422026-2
V23100-V4612-A000		12VDC			1422026-3
V23100-V4605-A010		5VDC		Diode	1422026-5
V23100-V4612-A010		12VDC			1422026-6