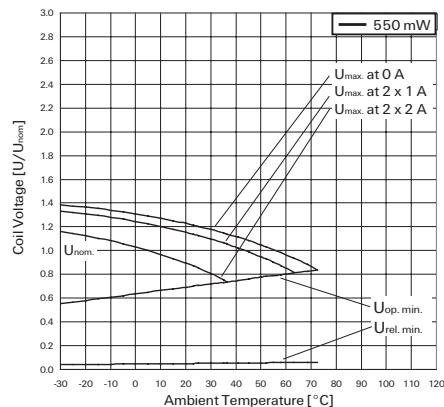
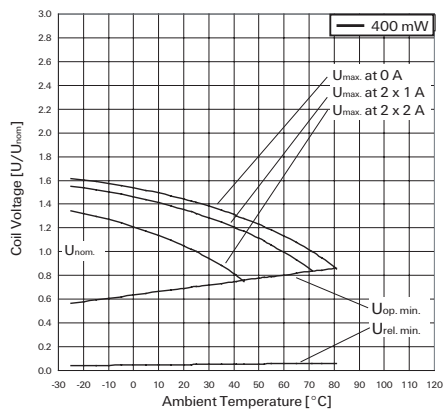
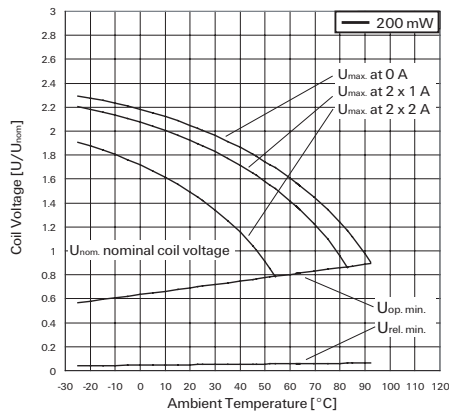
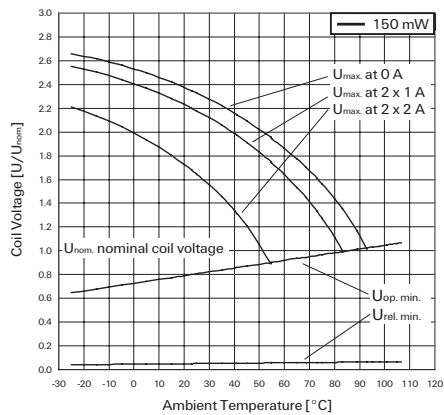


D2n* Relay V23105 (Continued)

Coil Data (continued)



Coil Data (continued)

Coil operating range graphs

- U_{nom} Nominal coil voltage
- U_{max} Upper limit of the operative range of the coil voltage (limiting voltage) when coils are continuously energized
- $U_{op. min.}$ Lower limit of the operative range of the coil voltage (reliable operate voltage)
- $U_{rel. min.}$ Lower limit of the operative range of the coil voltage (reliable release voltage)

Insulation Data

Initial dielectric strength

between open contacts	750V _{rms}
between contact and coil	1250V _{rms}
between adjacent contacts	750V _{rms}

Initial surge withstand voltage

between open contacts	1050V
between contact and coil	1750V
between adjacent contacts	1050V

Initial insulation resistance at 500 VDC

> 10⁹Ω

Capacitance

between open contacts	max. 2pF
between contact and coil	max. 4pF
between adjacent contacts	max. 2 pF

RF Data

Isolation at 100MHz/900MHz	-39.0dB/-20.7dB
Insertion loss at 100MHz/900MHz	-0.02dB/-0.27dB
Voltage standing wave ratio (VSWR) at 100MHz/900MHz	1.04/1.40

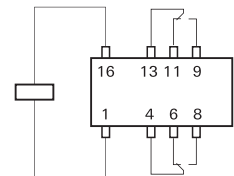
Other Data

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)	RT III - wash tight
Shock resistance (functional)	10g, 10 to 55Hz
Shock resistance (destructive)	IEC 60068-2-27 (half sine)
Terminal type	10g
Weight	50g
Resistance to soldering heat THT	PCB-THT
Ultrasonic cleaning	max. 6g
Packaging unit	Resistance to soldering heat THT
	IEC 60068-2-20
	265°C/10s
	not recommended
	1000 pcs.

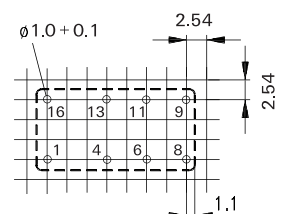
Terminal assignment

TOP view on component side of PCB



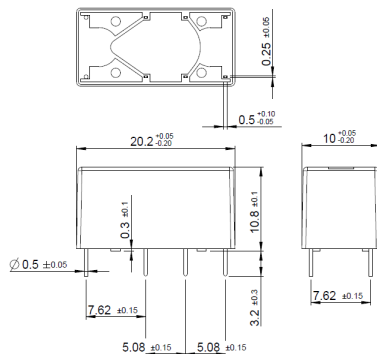
PCB layout

TOP view on component side of PCB

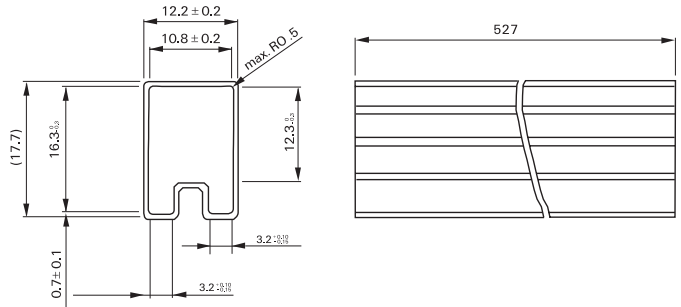


D2n* Relay V23105 (Continued)

Dimensions



Packing



Product code structure

Typical product code

V23105-A5

001

A201

Type

V23105-A5 D2n Series Signal Relay

Coil

Coil code: please refer to coil versions table

0xx 150 mW **4xx** 400 mW
3xx 200 mW **5xx** 550 mW

Contacts

A201 2 from C, 2 CO, AgNi-Au contacts

* Version re-designed

Product code	Version	Coil power	Coil voltage	Part Number
V23105A5001A201*	AgNi+Au	150mW	5VDC	8-1393792-5
V23105A5002A201*	contacts		6VDC	8-1393792-7
V23105A5006A201*			9VDC	9-1393792-1
V23105A5003A201*			12VDC	8-1393792-8
V23105A5005A201*			24VDC	9-1393792-0
V23105A5308A201*		200mW	3VDC	1393793-5
V23105A5301A201*			5VDC	9-1393792-3
V23105A5302A201*			6VDC	9-1393792-5
V23105A5306A201*			9VDC	1393793-2
V23105A5303A201*			12VDC	9-1393792-7
V23105A5305A201*			24VDC	9-1393792-9
V23105A5307A201*			48VDC	1393793-3
V23105A5401A201*		400mW	5VDC	1393793-6
V23105A5402A201*			6VDC	1393793-7
V23105A5406A201*			9VDC	1-1393793-0
V23105A5403A201*			12VDC	1393793-8
V23105A5405A201*			24VDC	1393793-9
V23105A5407A201*			48VDC	1-1393793-1
V23105A5501A201*		>500mW	5VDC	1-1393793-6
V23105A5502A201*			6VDC	1-1393793-8
V23105A5506A201*			9VDC	2-1393793-3
V23105A5503A201*			12VDC	1-1393793-9
V23105A5505A201*			24VDC	2-1393793-1
V23105A5507A201*			48VDC	2-1393793-4
V23105A5475A201*		BT 47 type	5VDC	1-1393793-2
V23105A5479A201*		spec T4563C	10VDC	3-1393794-0
V23105A5476A201*		(current tested)	12VDC	1-1393793-3
V23105A5477A201*			24VDC	1-1393793-4
V23105A5478A201*			48VDC	1-1393793-5