

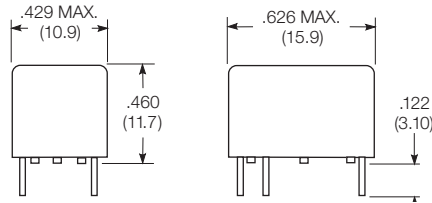
T81 Series Signal PCB Relay (Continued)

Other Data

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter

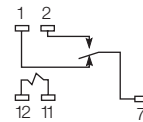
Ambient temperature	
standard coil	-30°C to 60°C
sensitive coil	-30°C to 70°C
Category of environmental protection	
IEC 61810	RTIII - wash tight
Vibration resistance (functional)	10-50Hz, 1.5mm double amplitude
Shock resistance (functional)	
IEC 60068-2-27 (half sine)	
standard coil	98m/s ² , 11ms
sensitive coil	65m/s ² , 11ms
Terminal type	PCB-THT
Weight	3.5g
Resistance to soldering heat THT	
IEC 60068-2-20	260°C/5s
Packaging/unit	tube/25 pcs., box/2000pcs.

Dimensions



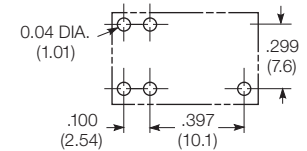
Terminal assignment

Bottom view on solder pins



PCB layout

Bottom view on solder pins



Product code structure

Typical product code

T81 H 5 D 3 1 2

Type

T81 Signal PCB Relay T81

Coil sensitivity

N Standard coil (450mw) **H** Sensitive coil (200mw)

Contact arrangement

5 1 Form C (CO)

Coil input

D DC voltage

Dielectric strength

3 High dielectric strength

Contact rating

1 1A, 24VDC; 1A, 120VAC

Contact material

2 Au overlay AgPd alloy

Coil voltage

Coil code: please refer to coil versions table

Product code	Contact material	Coil power	Coil voltage	Part number
T81H5D312-05	Au overlay AgPd Alloy	Sensitive, 200mW	5VDC	5-1393779-5
T81H5D312-06			6VDC	5-1393779-6
T81H5D312-09			9VDC	5-1393779-7
T81H5D312-12			12VDC	5-1393779-8
T81H5D312-24			24VDC	5-1393779-9
T81N5D312-05		Standard, 450mW	5VDC	6-1393779-9
T81N5D312-09			9VDC	7-1393779-0
T81N5D312-12			12VDC	7-1393779-1
T81N5D312-24			24VDC	7-1393779-2