

Power PCB Relay T9E (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
DC coil -40°C to 85°C / 105°C

Category of environmental protection
IEC 61810 RTII - flux proof (T9EV)
RTIII - wash tight (T9ES)

Vibration resistance (functional) 1.5mm, 10-55 Hz
Shock resistance (functional) 10g for 11msec
Shock resistance (destructive) 100g

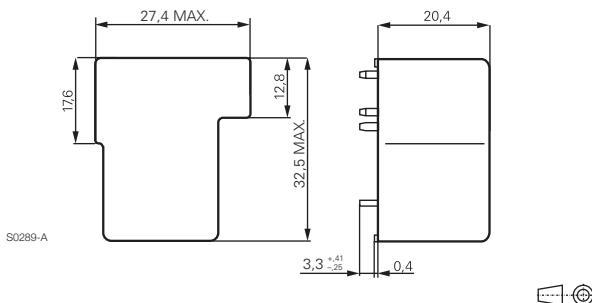
Other Data (Continued)

Terminal type PCB-tht and PCB-tht + quick connect
Weight 26g mounting code 1
33g mounting codes 2 and 5

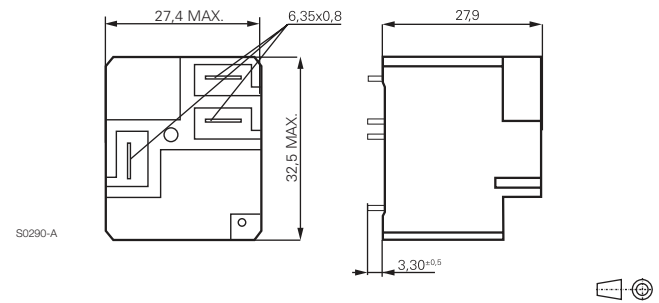
Resistance to soldering heat THT
IEC 60068-2-20 260°C
Packaging/unit tray/50 pcs., box/250 pcs.

Dimensions

PCB version



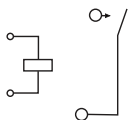
PCB/quick connect version



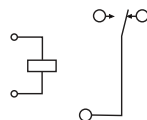
Terminal assignment

Bottom view on pins

1 form A



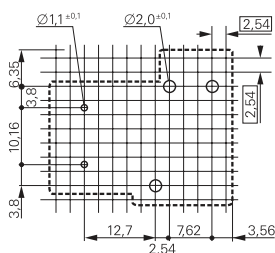
1 form C



PCB layout

Bottom view on pins

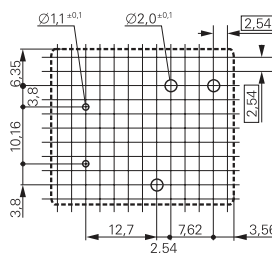
PCB version



Only necessary terminals are present on single throw models. Consequently, some holes will be unnecessary for single throw models.

S0261-AA

PCB/quick connect version



Only necessary terminals are present on single throw models. Consequently, some holes will be unnecessary for single throw models.

S0261-AH

Power PCB Relay T9E (Continued)

Product code structure

Typical product code

T9E S 1 D 1 4 -24
Type
T9E Power PCB relay T9E

Enclosure
S Wash-tight plastic case with knock off nib
V Flux-proof plastic case

Contact arrangement
1 1 form A (1 NO) **5** 1 form C (1 CO)

Coil Input
D DC voltage, 1W **L** DC voltage, 900mW

Mounting and termination
1 PCB mounting; PCB terminals for coil and contacts
2 PCB mounting; PCB terminals for coil and contacts; 6.35mm (.250in) QC for contacts

Contact material
4 AgSnOInO
2 AgCdO – optionally available. Contact Product Engineering for availability and ratings.

Coil voltage

Coil code: please refer to coil versions table

Product Code	Enclosure	Mounting	Contact material	Contacts	Coil version	Coil voltage	Part number
T9ES1L14-18	wash tight	PCB terminals	AgSnOInO	1 form A, 1 NO	900mW	18VDC	1-2027234-8
T9ES1D14-12					1W	12VDC	2027234-2
T9ES1D14-24						24VDC	2027234-7
T9ES1D12-12			AgCdO			12VDC	1-2027234-0
T9ES1D24-12		PCB + quick connect	AgSnOInO			12VDC	2027234-8
T9ES1D22-12			AgCdO			12VDC	1-2027243-3
T9ES5D14-12		PCB terminals	AgSnOInO	1 form C, 1 CO		12VDC	2027234-6
T9ES5D12-24			AgCdO			24VDC	2027234-4
T9ES5D24-12		PCB + quick connect	AgSnOInO			12VDC	2027234-9
T9EV1D14-22	flux proof	PCB terminals		1 form A, 1 NO		22VDC	2027234-5