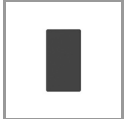
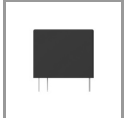
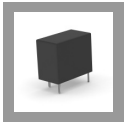


STANDARD POWER RELAYS



TE CONNECTIVITY (TE)
T77V1D10-18
[OEG](#) | [T77](#)

T77V1D10-18
TE Internal Number: 2-1393194-0

[Always EU RoHS compliant but not ELV Compliant](#)
[Find Compliant Alternatives](#)

Contact Current Rating (A) **10**

Coil Power Rating (DC) (mW) **450**

Insulation Clearance Class **2.5 – 4mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT**

✓ Active

 **PRODUCT DRAWING**
English

 **3D PDF**

Product Drawings

[T77V\(S\)1D10-** CUSTOMER DRAWING](#)
PDF
English

CAD Files

[3D PDF](#)
PDF
3D

[Customer View Model](#)
2D_DXF.ZIP
English

[Customer View Model](#)
3D_IGS.ZIP
English

[Customer View Model](#)
3D_STP.ZIP
English

Catalog Pages/Data Sheets

[T77 10 Amp Miniature PC Board Relay](#)
PDF
English

[OJ_OJE Series Relay Data Sheet English](#)
PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Relay
	Relay Type	Miniature PCB Relay
Electrical Characteristics	Coil Power Rating (DC) (mW)	450
	Insulation Creepage Class	5.5 – 8mm
	Coil Voltage Rating (VDC)	18
	Contact Voltage Rating	250 VAC [30 VDC]
	Contact Switching Voltage (Max)	250 VAC [30 VDC]
	Contact Limiting Breaking Current (A)	10
	Contact Limiting Continuous Current (A)	10
	Coil Magnetic System	Monostable, DC
	Contact Limiting Short-Time Current (A)	10
	Insulation Creepage Between Contact and Coil	6.4 mm [.252 in]
	Coil Resistance (Ω)	720
	Contact Limiting Making Current (A)	10
	Contact Switching Load (Min)	100mA @ 5V
	Insulation Initial Dielectric Between Open Contacts (Vrms)	750
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	4000
	Coil Power Rating Class	400 – 500 mW
	Insulation Initial Dielectric Between Coil/Contact Class	3500 – 4000 V
Body Features	Weight	9 g [.318 oz]
Contact Features	Contact Current Rating (A)	10
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form A (NO)
	Contact Number of Poles	1
	Contact Material	AgCdO
	Contact Current Class	5 – 10 A, Less Than 16A
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Insulation Clearance Class	2.5 – 4mm
	Length Class (Mechanical) (mm)	16 – 20

	Length	18.2 mm [.717 in]
	Height Class (Mechanical) (mm)	14 – 15
	Insulation Clearance Between Contact and Coil	3.2 mm [.126 in]
	Height	14.7 mm [.579 in]
	Width Class (Mechanical) (mm)	10 – 12
	Width	10.2 mm [.4 in]

Usage Conditions	Environmental Category of Protection	RTII
	Environmental Ambient Temperature (Max)	85 °C [185 °F]
	Environmental Ambient Temperature Class	70 – 85°C

Product Compliance

Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE