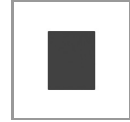
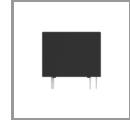
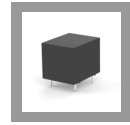


STANDARD POWER RELAYS



TE CONNECTIVITY (TE)
ORWH-SH-105D1F,000

OEG | ORWH

ORWH-SH-105D1F,000

TE Internal Number: 1-1721150-0

Converted to EU RoHS/ELV Compliant

Contact Current Rating (A) **10**

Coil Power Rating (DC) (mW) **360**

Insulation Clearance Class **0 – 2.5mm**

Insulation Creepage Class **3 – 5.5mm**

Terminal Type **PCB-THT**

✓ Active

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

Product Drawings

[ORWH-1T Cd FREE 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

[ORWH 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.

| | Relay Type | Miniature PCB Relay |
|--|--|-----------------------------------|
| Electrical Characteristics | Coil Power Rating (DC) (mW) | 360 |
| | Insulation Creepage Class | 3 – 5.5mm |
| | Coil Voltage Rating (VDC) | 5 |
| | Contact Voltage Rating | 277 VAC [28 VDC] |
| | Contact Switching Voltage (Max) | 277 VAC [28 VDC] |
| | Contact Limiting Breaking Current (A) | 10 |
| | Coil Special Features | UL Coil Insulation Class F |
| | Contact Limiting Continuous Current (A) | 10 |
| | Coil Magnetic System | Monostable, DC |
| | Contact Limiting Short-Time Current (A) | 10 |
| | Insulation Creepage Between Contact and Coil | 3.2 mm [.125 in] |
| | Coil Resistance (Ω) | 70 |
| | Contact Limiting Making Current (A) | 10 |
| | Insulation Initial Dielectric Between Open Contacts (Vrms) | 750 |
| | Insulation Initial Dielectric Between Contacts and Coil (Vrms) | 1500 |
| | Coil Power Rating Class | 300 – 400 mW |
| Insulation Initial Dielectric Between Coil/Contact Class | 1000 V – 1500 VA | |
| Body Features | Weight | 9.5 g [.335 oz] |
| Contact Features | Contact Current Rating (A) | 10 |
| | Terminal Type | PCB-THT |
| | Contact Arrangement | 1 Form C (CO) |
| | Contact Number of Poles | 1 |
| | Contact Material | AgZnO |
| | Contact Current Class | 5 – 10 A, Less Than 16A |
| Mechanical Attachment | Mounting Type | Printed Circuit Board |
| Dimensions | Insulation Clearance Class | 0 – 2.5mm |
| | Length Class (Mechanical) (mm) | 16 – 20 |
| | Length | 19 mm [.748 in] |

| | |
|---|----------------------------|
| Height Class (Mechanical) (mm) | 15 – 16 |
| Height | 15.8 mm [.622 in] |
| Insulation Clearance Between Contact and Coil | 1.6 mm [.093 in] |
| Width Class (Mechanical) (mm) | 12 – 16 |
| Width | 15.5 mm [.61 in] |

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

| | | |
|--------------------|------------------|-----------------------|
| Packaging Features | Packaging Method | Tube, Tube/Box |
|--------------------|------------------|-----------------------|

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)