

**6648454-1**

✓ ACTIVE

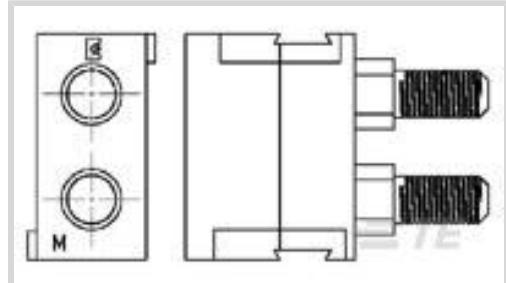
**ELCON | ELCON Domino**

TE Internal #: 6648454-1

Connector Assembly, Receptacle, Wire-to-Wire, 2 Position, 14.27 mm [.562 in] Centerline, Wire &amp; Cable, ELCON Domino, Rectangular Power Connectors

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Connectors &gt; Power Connectors &gt; Rectangular Power &gt; Rectangular Power Connectors

Rectangular Power Connector Type: **Connector Assembly**Connector & Housing Type: **Receptacle**Connector System: **Wire-to-Wire**Number of Positions: **2**Centerline (Pitch): **14.27 mm [.562 in]**

## Features

### Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	2
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### Contact Features

Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Type	Socket
Wire Contact Termination Area Plating Material	Silver
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	14.27 mm [.562 in]
Housing Color	Black
Housing Material	Phenolic

### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

### Packaging Features

Packaging Method	Package
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

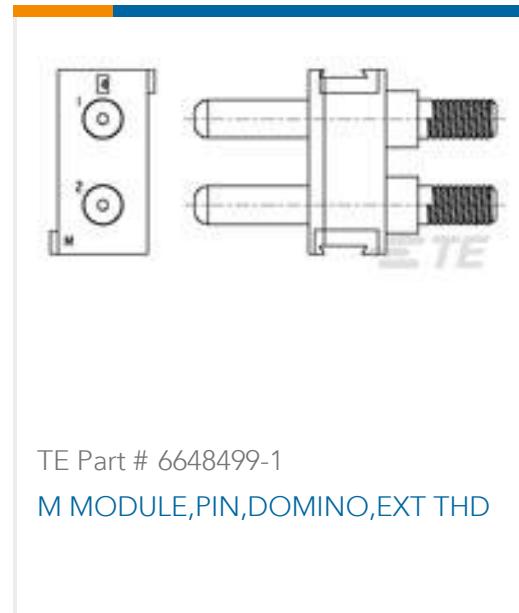
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides

on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # 1648990-1  
700-0105-03102=RAIL,LOCKING



TE Part # 6648499-1  
M MODULE,PIN,DOMINO,EXT THD



TE Part # 1650667-1  
750-07-0280M=HOUSING,PIN,FRONT

## Also in the Series | ELCON Domino



Connector Hardware(11)



Rectangular Power Connectors(4)

## Customers Also Bought



TE Part #211769-3  
17-9 CPC RECEPT REV SEX



TE Part #66109-3  
III+ SKT,26-24,15AU/FL,LP



TE Part #66102-9  
III+ PIN,24-20,30AU/FL,STRIP



TE Part #6-1393250-2  
W28-XT1A-1=W28



TE Part #5745563-1  
HD KIT,SCREWLOCK FEMALE



TE Part #747746-1  
GROMMET ASSORT-SZ1/2 CBL CLMPS



TE Part #1-770987-0  
MINI UMNL PIN 22-18 AWG AU LP



TE Part #770254-1  
UMNL II GROUND PIN LP 14-20



## Documents

### Product Drawings

#### MODULE,DOMINO

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6648454-1\\_B.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6648454-1\\_B.3d\\_jgs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6648454-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

#### POWER\_CONNECTORS\_CATALOG\_SEC02\_CABLE\_MOUNTED

English

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### Product Specifications

#### Application Specification

English