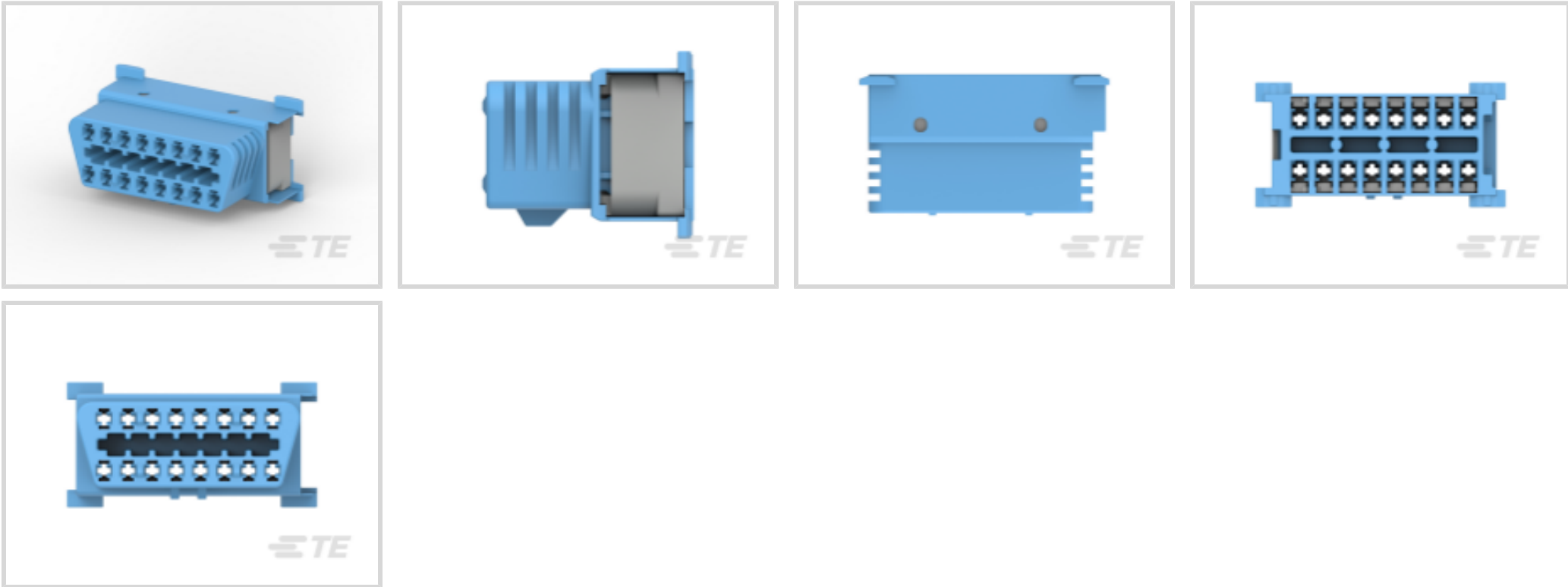




Connectors > Automotive Connectors > Connector Housings > TIMER, CONNECTOR HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **1.6 mm [ .063 in ]**

Connector System: **Wire-to-Wire**

Number of Positions: **16**

Centerline (Pitch): **4 mm [ .157 in ]**

[All TIMER, CONNECTOR HOUSING \(543\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Operating Voltage	48 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V



Body Features

Cable Exit Angle	Other
Body Material	PBT GF
Primary Product Color	Blue
Connector Code	B

Contact Features

Contact Type	Receptacle
Mating Tab Width	1.6 mm[.063 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	4 mm[.157 in]
--------------------	---------------

Dimensions

Product Width	22.9 mm[.9 in]
Product Length	41.5 mm[1.633 in]
Product Height	20.7 mm[.815 in]
Row-to-Row Spacing	5.5 mm[.217 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

UL Flammability Rating	UL 94HB
------------------------	---------

Packaging Features



Packaging Quantity	360
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on 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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 1241860-2  
MT3 REC 1.6 Contact SRC Sn

TE Part # 1418985-1  
FRAME FOR MICRO TIMER 3 REC.  
HSG. 16 POS

TE Part # 1418985-3  
FRAME FOR MICRO TIMER 3 REC.  
HSG. 16 POS

Also in the Series | Micro Timer III

Automotive Housings(5)

Automotive Terminals(10)

Insertion & Extraction Tools(3)

Customers Also Bought

TE Part #1-967628-2  
FLACHSTE-GEH2,8 15P

TE Part #7-968974-1  
AMP MCP, UNSEALED CONNECTOR  
HOUSING

TE Part #444314-1  
HSG ASSY 9 POSN COMB

TE Part #282376-1  
070 SERIES REPT. CONTACT

TE Part #965099-1  
CPC KUPPLUNGSRING

TE Part #964716-1  
CPC ABSTANDSCHEIBE

TE Part #K1148741  
Relay 29-111-02-947

TE Part #964264-2  
MT2 A REC 1.6 Contact SRC Sn (LP)

TE Part #969023-1  
MT3 REC 1.6 Contact SRC Au (LP)



Documents

Product Drawings

MICRO TIMER 3 REC.HSG.16POS.

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1418984-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1418984-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1418984-1\_B.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Timer Interconnection System

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English